

Rajasthan State Gas Limited

(A JV of RSPCL and GAIL Gas Limited)

2nd Floor, Khaniz Bhawan

Tilak Marg C-Scheme

Jaipur-300205

TENDER DOCUMENT

TENDER DOCUMENT HIRING AN AGENCY FOR OPERATIONS AND MAINTENANCE SERVICES FOR CITY GAS DISTRIBUTION NETWORK OF RSGL KOTA GA FOR ONE YEAR.

(OPEN DOMESTIC COMPETITIVE BIDDING)

VOL.-I

TENDER NO.: RSGL/KOTA/C&P/O&M/2025-26/ NIT-12

TENDER DATE: 18-09-2025

**DUE DATE & TIME FOR
BID SUBMISSION**

: 09-10-2025 14:00 HRS (IST)

**DUE DATE & TIME FOR UN-PRICED
BID OPENING**

: 09-10-2025 15:00 HRS. IST

Invitation for Bid

INVITATION FOR BID (IFB)

Ref No: RSGL/KOTA/C&P/O&M/2025-26/ NIT-12

DATED: 18-09-2025

To,

[PROSPECTIVE BIDDERS]

SUB: TENDER DOCUMENT FOR HIRING AN AGENCY FOR OPERATIONS AND MAINTENANCE SERVICES FOR CITY GAS DISTRIBUTION NETWORK OF RSGL KOTA GA FOR ONE YEAR.

Dear Sir/Madam,

1.0 Rajasthan state Gas Limited a State Govt. Incorporated, JV of RSPCL and GAIL Gas Limited having registered and corporate office at room No. 303, KhanizBhawan, Tilak Marg, C-Scheme, Jaipur-302005, India, invites bids from bidders for the subject works/services, in complete accordance with the following details and enclosed Tender Documents.

2.0 The brief details of the tender are asunder:

(A)	BRIEF SCOPE OF WORK/SERVICES	Tender document for Hiring an Agency for Operations and Maintenance Services for City Gas Distribution Network of RSGL KOTA GA for One Year
(B)	TENDER NO. & DATE	Tender No.: RSGL/KOTA/C&P/O&M/2025-26/ NIT-12 DATED: 18-09-2025
C	TYPE OF BIDDING SYSTEM	TWO BID SYSTEM
D	TYPE OF TENDER	MANUAL
E	COMPLETION/CONTRACT PERIOD	As defined in Scope of Work / SCC
F	BID SECURITY/EARNEST MONEY DEPOSIT	Rs 2.73 Lacs/- (Rs Two Lac seventy three thousand)
(G)	AVAILABILITY OF TENDER DOCUMENT ON WEBSITE(S)	From 18-09-2025 on following websites: 1. Rajasthan State Gas Limited Tender Website: https://rsgl.rajasthan.gov.in/Tenders.aspx 2. Govt. of Rajasthan state public procurement Tender

(H)	DATE, TIME & VENUE OF PRE-BID MEETING	Date: 25-09-2025 Time: 15:00 Hrs. Venue: Rajasthan State Gas Limited Khaniz Bhawan, Tilak Marg C- Scheme
(I)	DUE DATE AND TIME FOR BID SUBMISSION	Date: 09-10-2025 Time: on or before 14:00 hrs.
(J)	DATE AND TIME OF UN-PRICED BID OPENING	Date: 09-10-2025 Time: at 15:00 hrs.
	CONTACT DETAILS	Name: Vivek Srivastava Designation: DGM (C&P) Phone No. & Extn: 0141-2994081 e-mail: viveks.rsgl@rajasthan.gov.in

In case of the days specified above happens to be a holiday in Rajasthan state Gas Limited, the next working day shall be implied.

3.0 Bids must be submitted strictly in accordance with Clause No. 11 of ITB of Tender document.

4.0 The following documents shall also be submitted in Original (in physical form) within the Due Date & Time of Bid Submission:

- i) EMD/Bid Security (if applicable)
[Note: Submission of original is not applicable for online banking transaction]
- ii) Power of Attorney

5.0 Clarification(s)/Corrigendum(s) if any shall also be available on above referred websites. Any revision, clarification, addendum, corrigendum, time extension, etc. to this Tender Document will be hosted on the above-mentioned website(s) only. Bidders are requested to visit the website regularly to keep themselves updated.

Bidders are advised to submit their bid strictly as per terms and conditions of tender documents and not to stipulate any deviation/exceptions.

6.0 Any bidder, who meets the Bid Evaluation Criteria (BEC) and wishes to quote against this Tender Document, may download the complete Tender Document along with its amendment(s) if any from websites as mentioned at 2.0 (G) of IFB and submit their Bid complete in all respect as per terms & conditions of Tender Document on or before the Due Date & Time of Bid Submission.

7.0 Bid(s) received from bidders to whom tender/information regarding this Tender Document has been issued as well as offers received from the bidder(s) by downloading Tender Document from above mentioned website(s) shall be taken into consideration for evaluation & award provided that the Bidder is found responsive subject to provisions contained in Clause No. 2 of ITB. The Tender Document calls for offers on single point "Sole Bidder" responsibility basis (except where JV/Consortium bid is allowed pursuant to clause no. 3.0 of ITB) and in total compliance of Scope of Works as specified in Tender Document.

8.0 Rajasthan state Gas Limited reserves the right to reject any or all the bids received at its



discretion without assigning any reason whatsoever.

For & on behalf of
Rajasthan state Gas Limited

(Authorized Signatory)
Vivek Srivastava
DGM (C&P)
e-mail: viveks.rsgl@rajasthan.gov.in

SBD for Procurement of Services/Works

Summary

PART-I BIDDING PROCEDURES

SECTION 1: INSTRUCTIONS TO BIDDERS (ITB)

This Section provides information necessary for Bidders to prepare responsive bids in accordance with the requirements of the Owner. It regulates the bidding process and gives information on bid submission, opening and evaluation methodology.

SECTION 1.1: BID EVALUATION CRITERIA (BEC)

This section contains the criteria and requirements that the interested party must comply without which the Owner shall not consider their Bid for the purpose of evaluation and/ or further processing.

SECTION 1.2: BID EVALUATION METHODOLOGY

This section specifies the methodology that the Owner shall use to evaluate the Bids and to determine the successful Bidder.

ANNEXURE-I BID DATA SHEET (BDS)

This Annexure contains information and provisions that are specific to each procurement and that supplement the information/ requirements included in Section 1, Instructions to Bidders.

ANNEXURE-II PROCEDURE FOR ACTION IN CASE OF CORRUPT/ FRAUDULENT/ COLLUSIVE/ COERCIVE PRACTICES

This Annexure contains procedure for putting a Vendor/ Supplier/ Contractor/ Consultant on Suspension and/or banning list if any agency indulges in corrupt/ fraudulent/ collusive/ coercive practice.

ANNEXURE-III PROCEDURE FOR EVALUATION OF PERFORMANCE OF VENDORS/ SUPPLIERS/ CONTRACTORS/ CONSULTANTS

This Annexure contains procedure to recognize, and develop reliable Vendors/ Suppliers/ Contractors/ Consultants so that they consistently meet or exceed expectations and requirements.

ANNEXURE-IV FORMS AND FORMAT

This Section contains the forms and formats which are to be completed by Bidders and submitted as part of the bid. The forms of Contract Performance Guarantee, Mobilization Advance, and Contract Agreement, when required, shall only be completed by the successful Bidder after award of contract.

PART-II

CONDITIONS OF CONTRACT

SECTION 2:

GENERAL CONDITIONS OF CONTRACT (GCC)

This Section contains standard provisions.

SECTION 3:

SPECIAL CONDITIONS OF CONTRACT (SCC)

The content of this Section supplements the General Conditions of Contract.

PART-III

SERVICES REQUIREMENTS

SECTION 4:

SPECIFICATIONS, DRAWINGS AND SCOPE OF SERVICES

This Section contains the Scope of Work, and supplementary information including Scope of Works/Services that describe the Works/Services to be procured.

SECTION 5:

SCHEDULE OF RATES

PART-I – BIDDING PROCEDURES

Section 1: Instructions to Bidders

TO BE READ IN CONJUNCTION WITH BID DATA SHEET (BDS)

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 - 4.0 ONE BID PER BIDDER
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- 1. ANNEXURE-I: BID DATA SHEET (BDS)
- 2. ANNEXURE-II: PROCEDURE FOR ACTION IN CASE CORRUPT/ FRAUDULENT/ COLLUSIVE/COERCIVE PRACTICES
- 3. ANNEXURE-III: VENDOR PERFORMANCE EVALUATIONPROCEDURE
- 4. ANNEXURE-IV: FORMS AND FORMATS

Section 1.1: Bid Evaluation Criteria

[A] **Technical Criteria:**

1. The bidder should have executed at-least one (01) single order / contract, having minimum value of INR 26 (Twenty six) Lakhs for providing all O&M services associated for maintaining MDPE Pipeline / Steel pipeline / Above ground GI infrastructure work (LMC)/ Natural GAS Pipeline/ City GAS Distribution Network/ Hydrocarbon pipeline network/ (mix nature of Mechanical, Electrical and Instrumentation works for Operation/Maintenance/”Operation & Maintenance” of Natural GAS “Terminals and/or SV Stations and/or DRS/ FRS/MRS) & similar works to any Hydrocarbon/CGD company in previous seven (07) years to be reckoned from the bid due date

Note-1

Similar Works: Providing only manpower for various works in CGD will not be considered as similar work for this tender. It includes various works like laying & commissioning of Steel/MDPE/GI/Cu pipeline, providing ERV, Conversion / disconnection of Domestic Connections, Patrolling, DRS/MRS maintenance etc.

(i) .

Note 2:

- (i) A Job executed by a Bidder for its own plant/project cannot be considered as experience for the purpose of meeting BEC of the tender. However, jobs executed for subsidiary/Fellow subsidiary/Holding company will be considered as experience for the purpose of meeting BEC subject to submission of tax paid invoice(s) duly certified by Statutory Auditor of the Bidder towards payments of statutory tax in support of the job executed for subsidiary/Fellow subsidiary/Holding company. Such Bidders to submit these documents in addition to the documents specified to meet BEC.
- (ii) Execution certificate issued by the end user/owner/authorized consultant submitted by a bidder against work contracts can also be considered in place of completion certificate for meeting the stipulated experience criteria provided that the asset for which the said execution certificate has been issued is ready for commercial use.
- (iii) In case the bidder has an experience as a consortium member and such member has executed earlier a job with in its scope as a member of the consortium, which is required as experience as per the qualification criteria in clause no. A (Technical Criteria), will be considered. Documentary evidence as stipulated in bidding document is to be submitted to establish such experience.

NOTE: All documents in support of Technical Criteria of Bid Evaluation Criteria (BEC) to be furnished by the bidders shall be duly certified/ attested by Chartered Engineer and notary public with legible stamp.

[B] Financial Criteria:

B.1 Annual Turnover

The minimum annual turnover achieved by the bidder as per their audited financial results in any one of the 3 (three) immediately preceding financial years shall be not less than **Rs 87 Lakhs.(Eighty Seven Lacs Only)**

B.2 Net worth

Net worth of the bidder should be positive as per the immediate preceding year's audited financial results.

B.3 Working Capital

The minimum working capital of the bidder as per the immediate preceding year's audited financial results shall be not less than **Rs.17.5 Lacs**

C. Documents required to be submitted by bidder along with the bid for qualification of BEC:

BEC Clause no.	Description	Documents required for qualification
A.	Documents Required for Technical Criteria	
A	Experience criteria	(a) Copy of PO/WO/LOA of the job executed, issued by the end user/owner/client. (b) Copy of successful Completion certificate having cross reference to the PO/WO/LOA submitted mentioning executed amount against the PO. (c) In case of running contract - Execution Certificate against Order/LOA/Contract for the running contract as mentioned at point "a" above must be submitted clearly mentioning the executed VALUE till one day prior to un-priced bid opening, which must be equal to or more than the minimum prescribed value mentioned in BEC The execution certificate must contain the detailed information like Order/ LOA/ Contract/ Agreement No. with date, Brief Scope of work / Name of work, Order value, Total executed value, etc. The <u>Execution</u> should have been issued by the end-user/owner/authorized consultant.
Clause no.	Description	Documents required for qualification
All the submitted documents should be duly certified / attested by Chartered Engineer and notary public with legible stamp. In absence of requisite documents, Rajasthan state Gas Limited reserves the right to reject the bid without making any reference to the bidder.		
B.	Documents Required for Financial Criteria	

B.1	Annual Turn Over	Bidder shall furnish details of financial capability in the prescribed format (Form F-16 of the tender) in the tender duly signed & stamped by chartered accountant. Further copy of audited financial statements, including Balance Sheets, Profit & Loss Account for last three preceding financial years shall be submitted duly certified / attested by Chartered accountant and Notary Public / with legible stamp. In the absence of such requisite documents, Rajasthan state Gas Limited reserves the right to reject the bid without any reference to the bidder.
B.2	Net Worth	
B.3	Working Capital	

Note 1: If the bidder's working capital is **negative or inadequate**, the bidder shall submit a letter (as per format F-15) from the bank having net worth not less than **Rs. 100 crores (or equivalent in USD)** as mentioned in ITB of tender document, confirming the availability of line of credit for at least working capital requirement as stated above.

Note 2: (i) Annual Turnover:

In case the tenders having the bid closing date up to **30th September** of the relevant financial year and audited financial results of the immediate 3 preceding financial years are not available, the bidder has an option to submit the audited financial results of the 3 years immediately prior to that. Wherever the closing date of the bid is **after 30th September** of the relevant financial year, bidder has to compulsorily submit the audited financial results for the immediate 3 preceding financial years.

(ii) Net Worth/Working Capital:

In case the tenders having the bid closing date up to **30th September** of the relevant financial year and audited financial results of the immediate preceding financial year is not available, in such case the audited financial results of the year immediately prior to that year will be considered as last financial year for Net worth/ Working Capital calculation. Wherever the closing date of the bid is **after 30th September** of the relevant financial year, Bidder has to compulsorily submit the audited financial results for the immediate preceding financial year.

D. The Bidder should not be blacklisted/ banned/put on Holiday list by M/s GAIL India Limited/M/s GAIL Gas Limited/M/s Rajasthan State Gas limited as on Bid due Date.

Section 1.2

Bid Evaluation Methodology

BID EVALUATION METHODOLOGY FOR AWARD

BID EVALUATION METHODOLOGY FOR AWARD

- 1.2.1 Qualified Bid as per BEC shall be evaluated.
- 1.2.2 Price Bids shall be evaluated on lowest offer basis (L1) i.e., considering price quoted in Schedule of Rates inclusive of all taxes & duties.
- 1.2.3 Work shall be awarded as per the considering least cost to Rajasthan state Gas Limited
- 1.2.4 Price and Purchase preference for this tender: Not Available
- 1.2.5 Further, in case more than one bidder becomes L1 making more bidders eligible for award (as the case may be), then short listing of the bidders will be done using the following tie breaker:

("The bidder who has got the higher turnover in the last audited financial year will be awarded the job.")

Notes:

- a) In case the bidder is covered under Composition Scheme under GST laws, then bidder should quote the price inclusive of the GST (CGST & SGST/UTGST or IGST). Further, such bidder should mention "Cover under composition system" in column for GST (CGST & SGST/UTGST or IGST) of price schedule.
- b) In case any unregistered bidder is submitting their bid, their prices will be loaded with applicable GST (CGST & SGST/UTGST or IGST) during evaluation of bid.
- c) In case any cess on GST is applicable, same shall also be considered in evaluation.

The bids will be evaluated based on total price including applicable GST (CGST & SGST/UTGST or IGST)

- 1.2.6 Purchase Preferences not available being works contract.

- 1.2.7 **Price Preference-** Not Applicable for this tender.

AWARD CRITERIA:

The Purchaser will award the contract to the successful Bidder whose bid has been determined to be substantially responsive and has been determined to be the lowest evaluated bid as per Bid evaluation methodology , provided further that the Bidder is determined to be qualified to perform the contract satisfactorily.

INSTRUCTIONS TO BIDDERS [ITB]

(TO BE READ IN CONJUNCTION WITH BID DATA SHEET (BDS))

[A] – GENERAL

1.0 SCOPE OF BID

- 1.1 The Employer/ Owner/ Rajasthan state Gas Limited as defined in the "General Conditions of Contract [GCC]", wishes to receive Bids as described in the Bidding Document/ Tender Document.
- 1.2 SCOPE OF BID: The Scope of Services shall be as defined in Section 4 of the Bidding documents.
- 1.3 The successful bidder is expected to complete the scope of Bid within the period stated in Special Conditions of Contract.
- 1.4 Throughout the Bidding Documents,
- a The terms 'Bid', 'Tender' & 'Offer' and their derivatives [Bidder/ Tenderer, Bid/ Tender/ Offer etc.] are synonymous.
 - b 'Day' means 'Calendar Day'
 - c The singular shall include the plural and vice versa wherever the context so requires.

2.0 ELIGIBLE BIDDERS

- 2.1 The Bidder or their allied agency (ies) shall not be under a declaration of ineligibility by Employer for Corrupt/ Fraudulent/ Collusive/ Coercive practices, as defined in "Instructions to Bidders [ITB], Clause No. 38" (Action in case Corrupt/ Fraudulent/ Collusive/ Coercive Practices).
- 2.2 The Bidder is not put on 'blacklisted/ banned/put on Holiday list by M/s GAIL India Limited/M/s GAIL Gas Limited/M/s Rajasthan State Gas limited due to "poor performance" or "corrupt and fraudulent practices") or banned/ blacklisted by Government department/ Public Sector on due date of Bid Submission.

If the bidding documents were issued inadvertently/ downloaded from website, offers submitted by such bidders shall not be considered for opening/ evaluation/Award.

In case there is any change in status of the declaration prior to award of contract, the same has to be promptly informed to Rajasthan state Gas Limited by the bidder.

It shall be the sole responsibility of the bidder to inform Rajasthan state Gas Limited in case the bidder is put on blacklisted/ banned/put on Holiday list by M/s GAIL India Limited/M/s GAIL Gas Limited/M/s Rajasthan State Gas limited due to "poor performance" or "corrupt and fraudulent

practices”) or banned/blacklisted by Government department/ Public Sector on due date of submission of bid and during the course of finalization of the tender. Concealment of the facts shall tantamount to misrepresentation of facts and shall lead to action against such Bidders as per clause 38 of ITB.

- 2.3** The Bidder should not be under any liquidation, court receivership or similar proceedings on Due Date of Bid Submission.

In case there is any change in status of the declaration prior to award of contract, the same has to be promptly informed to Rajasthan state Gas Limited by the bidder.

It shall be the sole responsibility of the bidder to inform Rajasthan state Gas Limited in case the bidder is under any liquidation, court receivership or similar proceedings on Due Date of Bid Submission and during the course of finalization of the tender. Concealment of the facts shall tantamount to misrepresentation of facts and shall lead to action against such Bidders as per clause no. 38 of ITB.

- 2.4** Bidder shall not be affiliated with a firm or entity:
- (i) that has provided consulting services related to the work to the Employer during the preparatory stages of the work or of the project of which the works/ services forms a part of or
 - (ii) that has been hired (proposed to be hired) by the Employer as an Engineer/ Consultant for the contract.

- 2.5** Neither the firm/ entity appointed as the Project Management Consultant (PMC) for a contract nor its affiliates/ JV’s/ subsidiaries shall be allowed to participate in the tendering process unless it is the sole Licensor/ Licensor nominated agent/ vendor.

- 2.6** Pursuant to qualification criteria set forth in the bidding document, the Bidder shall furnish all necessary supporting documentary evidence to establish Bidder’s claim of meeting qualification criteria.

2.7 Power of Attorney:

In case of a Single Bidder, Power of Attorney issued by the Board of Directors/ CEO/Chairman/ MD / Company Secretary of the Bidder/ all partners in case of Partnership firm/any person authorized in terms of Deed of LLP/Proprietor in favour of the authorised employee(s) of the Bidder, in respect of the particular tender for signing the Bid and all subsequent communications, agreements, documents etc. pertaining to the tender and to act and take any and all decision on behalf of the Bidder, is to be submitted.

In case of a Consortium/JV, Power of Attorney issued by Board of Directors/ CEO /Chairman MD / Company Secretary of the Consortium Leader as well as Consortium Member(s) of the Consortium/ partners of JV, in favour of the authorised employee(s) of the Consortium Leader/Lead member of JV, for signing the documents on behalf of the Bidder, in respect of this particular tender, to sign the Bid and all subsequent communications, agreements, documents etc. pertaining to the tender and act and take any and all decision on behalf of the Consortium/JV, are to be submitted.

The authorized employee(s) of the Bidder shall be signing the Bid and any consequence resulting due to such signing shall be binding on the Bidder.

The authorized employee(s) of the Bidder shall be signing the Bid and any consequence resulting due to such signing shall be binding on the Bidder.

The person holding Power of Attorney shall be also be authorized to nominate “Contractor’s Representative” for execution of Contract in case of award.

- 2.8 Bids shall be evaluated as per Bid Evaluation Criteria (BEC) as provided in Section 1.1

3.0 **BIDS FROM "JOINT VENTURE"/"CONSORTIUM" (FOR APPLICABILITY OF THIS CLAUSE REFER BIDDING DATA SHEET(BDS))**

- 3.1 Bids from consortium/ JV of two or more members (maximum three including leader) are acceptable provided that they fulfill the qualification criteria and requirements stated in the Bidding Documents. Participating Consortium/ JV shall submit the Agreement as per the format F-17 clearly defining the scope and responsibility of each member. Members of consortium/ JV shall assume responsibility jointly & severally. The EMD shall be submitted by the Bidder (Consortium/ JV).
- 3.2 The Consortium/ JV Agreement must clearly define the leader/ lead partner, who shall be responsible for timely completion of work/ services and shall receive/ send instructions for and on behalf of the consortium during the period the bid is under evaluation as well as during the execution of contract.
- 3.3 All the members shall authorize the representative from the lead partner by submitting a Power of attorney (on a non-judicial stamp paper of appropriate value) signed by legally authorized signatories of all the member(s). Such authorization must be accompanied with the bid. The authorized signatory shall sign all the documents relating to the tender/ contract. However, in case of award, payment shall be made to the consortium.
- 3.4 A consortium/ JV once established at the time of submitting the Bid shall not be allowed to be altered with respect to constituting members of the JV/ Consortium or their respective roles/ scope of work, except if and when required in writing by owner. If during the evaluation of bids, a consortium/JV proposes any alteration/ changes in the orientation of consortium/JV or replacements or inclusions or exclusions of any partner(s)/ member(s) which had originally submitted the bid, bid from such a consortium/JV shall be liable for rejection.
- 3.5 Any member of the consortium/ JV shall not be eligible either in an individual capacity or be a part of any other consortium/JV to participate in this tender. Further, no member of the consortium/ JV shall be on ‘Holiday’ by blacklisted/ banned/put on Holiday list by M/s GAIL India Limited/M/s GAIL Gas Limited/M/s Rajasthan State Gas limited due to “poor performance” or “corrupt and fraudulent practices”) or banned/blacklisted by Government department/ Public Sector on due date of submission of bid. Offer submitted by such consortium/ JV shall not be considered for opening/ evaluation/Award.

4.0 **ONE BID PER BIDDER**

4.1 A Firm/ Bidder shall submit only 'one [01] Bid' in the same Bidding Process. A Bidder who submits more than 'one [01] Bid' will cause all the proposals in which the Bidder has participated to be disqualified.

4.2 Alternative Bids shall not be considered.

5.0 **COST OF BIDDING**

5.1 **COST OF BIDDING:** The Bidder shall bear all costs associated with the preparation and submission of the Bid including but not limited to Bank charges, all courier charges including taxes & duties etc. incurred thereof. Further, Rajasthan state Gas Limited will in no case, be responsible or liable for these costs, regardless of the outcome of the bidding process.

6.0 **SITE VISIT**

6.1 The Bidder is advised to visit and examine the site of Works/Services and its surroundings and obtain for itself on its own responsibility all information that may be necessary for preparing the Bid and entering into a Contract for the required job. The costs of visiting the site shall be borne by the Bidder.

6.2 The Bidder or any of its personnel or agents shall be granted permission by the Employer to enter upon its premises and land for the purpose of such visits, but only upon the express conditions that the Bidder, its personnel and agents will release and indemnify the Employer and its personnel, agents from and against all liabilities in respect thereof, and will be responsible for death or injury, loss or damage to property, and any other loss, damage, costs, and expenses incurred as a result of inspection.

6.3 The intending bidders shall be deemed to have visited the SITE and familiarised submitting the tender. Non-familiarity with the site conditions will not be considered a reason either for extra claims or for not carrying out the Works/Services in strict conformity with the DRAWINGS and SPECIFICATIONS or for any delay in performance

6.4 The Bidder shall not be entitled to hold any claim against Rajasthan state Gas Limited for non-compliance due to lack of any kind of pre-requisite information as it is the sole responsibility of the Bidder to obtain all the necessary information with regard to site, surrounding, working conditions, weather etc. on its own before submission of the bid.

[B]

- BIDDING DOCUMENTS

7.0 **CONTENTS OF BIDDING DOCUMENTS**

7.1 The contents of Bidding Documents / Tender Documents are those stated below, and should be read in conjunction with any 'Clarifications' or 'Addendum / Corrigendum' issued in accordance with "ITB 8.0"

- Information for Bidder [IFB]
- Instructions to Bidders [ITB]

➤ Bid Evaluation Criteria [BEC]	Section 1.1
➤ Bid Evaluation Methodology	Section 1.2
➤ General Condition of Contract [GCC]	Section 2
➤ Special Conditions of Contract [SCC]	Section 3
➤ Specifications , Drawing (wherever applicable) and Scope of Services (wherever applicable)	Section 4
➤ Price Schedule/ Schedule of Rates	Section 5

7.2 The Bidder is expected to examine all instructions, forms, terms & conditions in the Bidding Documents. The Instructions to Bidders together with all its attachments thereto, shall be considered to be read, understood and accepted by the Bidders. Failure to furnish all information required by the Bidding Documents or submission of a Bid not substantially responsive to the Bidding Documents in every respect will be at Bidder's risk and may result in the rejection of his Bid.

7.3 The Invitation for Bids (IFB), as provided in this document issued by the Owner, is also part of the Bidding Documents

8.0 CLARIFICATION OF BIDDING DOCUMENTS

8.1 A prospective Bidder requiring any clarification(s) of the Bidding Documents may notify Rajasthan state Gas Limited in writing or by fax or email at Rajasthan state Gas Limited' mailing address indicated in the **BDS** no later than 02 (two) days prior to pre-bid meeting (in cases where pre-bid meeting is scheduled) or 05 (five) days prior to the bid closing date in cases where pre-bid meeting is not held. Rajasthan state Gas Limited reserves the right to ignore the bidders request for clarification if received after the aforesaid period. Rajasthan state Gas Limited may respond in writing to the request for clarification. Rajasthan state Gas Limited' response including an explanation of the query, but without identifying the source of the query will be uploaded on Rajasthan state Gas Limited' and Government tendering websites, as mentioned in **BDS** / communicated to prospective bidders by e- mail/ fax.

8.2 Any clarification or information required by the Bidder but same not received by the Employer by way of above is liable to be considered as "no clarification / information required".

8.3 The Bidder shall submit their queries / clarifications to Rajasthan state Gas Limited in the format "F-18".

9.0 AMENDMENT OF BIDDING DOCUMENTS

9.1 At any time prior to the Due Date and Time of Bid Submission, Owner may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the Bidding Documents by addenda/ corrigendum.

- 9.2 Any addendum/ corrigendum thus issued shall be part of the Bidding Documents and shall be hosted on Rajasthan state Gas Limited' and Government tendering websites, as provided in **BDS**. Bidders have to take into account all such addendum/ corrigendum before submitting their bid.
- 9.3 The Employer, if it considers necessary, may extend the date of submissions of Bid in order to allow the Bidders a reasonable time to furnish their most competitive bid taking into account the amendment issued thereof.

[C]

– PREPARATION OF BIDS

10.0 LANGUAGE OF BID:

The bid prepared by the Bidder and all correspondence, drawing(s), document(s), certificate(s) etc. relating to the Bid exchanged by Bidder and Rajasthan state Gas Limited shall be written in English language only. In case a document, certificate, printed literature etc. furnished by the Bidder in in a language other than English, the same should be accompanied by an English translation duly authenticated by the Chamber of Commerce of Bidders Country, in which case, for the purpose of interpretation of the Bid, the English translation shall govern.

11.0 DOCUMENTS COMPRISING THE BID

11.1 In case the Bids are invited under the two Bid system, the Bid prepared by the Bidder shall comprise the following components.

11.1.1 PART-I: TECHNO-COMMERCIAL / UN-PRICED BID

11.1.1.1 PART-I: "TECHNO-COMMERCIAL / UN-PRICED BID"

Shall contain the following:

- a) 'Covering Letter' on Bidder's 'Letterhead' clearly specifying the enclosed contents.
- b) 'Bidder's General Information', as per 'Form F-1'.
- c) 'Bid Form', as per 'Form F-2'
- d) Copies of documents, as required in 'Form F-3'
- e) As a confirmation that the prices are quoted in requisite format complying with the requirements copy of Schedule of Rate (SOR) with prices blanked out mentioning quoted / not quoted (as applicable) written against each item.
- f) 'Letter of Authority' on the Letter Head, as per 'Form F-5'
- g) 'No Deviation Confirmation', as per 'Form F-6'
- h) 'Bidder's Declaration regarding Holiday/ Banning, Anti-Corruption, Conflict of Interest, Liquidation, Court Receivership and Bankruptcy', in 'Form F-7'
- i) 'Certificate for Non-Involvement of Government of India ' from Bidder, as per 'Form F-8'
- j) 'Agreed Terms and Conditions', as per 'Form F-10'
- k) ACKNOWLEDGEMENT CUM CONSENT LETTER', as per 'Form F-11'
- l) Duly attested [wherever attestation required] documents in accordance with the "BID EVALUATION CRITERIA [BEC]" establishing the qualification.
- m) Undertaking on the Letter head, as per the Form F-12.
- n) Power of Attorney /copy of Board Resolution, in favour of the authorized signatory of the Bid, as per clause no.2.7 of ITB
- o) Any other information/details required as per Bidding Document.
- p) EMD/ Bid Security in original as per Clause 16 of ITB [Note: Submission of Original is not applicable for online banking Transaction]
- q) All forms and Formats including Annexures.
- r) 'Indemnity Bond' as per 'Form F-19'
- s) All documents of Tender Document signed by the Authorized Signatory.
- t) Additional document specified in Bid Data Sheet (BDS), Special Conditions of Contract (SCC), Scope of Services, if any

11.1.1.2 PART-I of the bid must be submitted manually to Rajasthan state Gas Limited’ as follows:

All the documents mentioned above at 11.1.1 should be submitted .The “authorized signatory” of the Bidder holding Power of Attorney must sign on all pages

bidders must submit the original "Bid Security / EMD (if applicable; submission of original is not applicable for online banking transaction), Power of Attorney, and any other documents specified in the bidding documents to address mentioned in Bid Data Sheet [BDS], Annexure-II of ITB in a sealed envelope, super scribing the Tender details & number within 7 days from the date of un-priced bid opening.

11.1.2 PART-II: PRICE BID

11.1.21 **PART-II: PRICE BID** of the Bid shall be submitted in **separate sealed envelope along with tender document** and shall contain Price Bid only. The Prices are to be submitted strictly in the Price Schedule/ Schedule of Rate (SOR) format of the Tender Document.

- 11.1.22
- i) Prices are to be submitted strictly as per the Schedule of Rate of the bidding documents The Price bid to be submitted in accordance with the SOR.
 - ii) Submission of prices in Unpriced bid shall lead to rejection of the bid. Rajasthan state Gas Limited shall not be responsible for any failure on the part of the bidder to follow the instructions.
 - iii) Bidders are advised NOT to mention Rebate/ Discount separately, either in the SOR format or anywhere else in the offer. In case Bidder(s) intend to offer any Rebate/ Discount, they should include the same in the item rate(s) itself under the “Schedule of Rates (SOR)” and indicate the discounted unit rate(s) only.
 - iv) If any unconditional rebate has been offered in the quoted rate, the same shall be considered in arriving at evaluated price. However, no cognizance shall be taken for any conditional discount for the purpose of evaluation of the bids.
 - v) In case, it is observed that any of the bidder(s) has/ have offered Suo-moto Discount/ Rebate after opening of un priced bid but before opening of price bids such discount /rebate(s) shall not be considered for evaluation. However, in the event of the bidder emerging as the lowest evaluated bidder without considering the discount/ rebate(s), then such discount/ rebate(s) offered by the bidder shall be considered for Award of Services and the same will be conclusive and binding on the bidder.
 - vi) In the event as a result of techno-commercial discussions or pursuant to seeking clarifications / confirmations from bidders, while evaluating the un-priced part of the bid, any of the bidders submits a sealed envelope stating that it contains revised prices;

such bidder(s) will be requested to withdraw the revised prices failing which the bid will not be considered for further evaluation.

- vii) In case any bidder does not quote for any item(s) of "Schedule of Rates" and the estimated price impact is more than 10% of the quoted price, then the bid will be rejected. If such price impact of unquoted items is 10% or less of his quoted price, then the unquoted item(s) shall be loaded highest of the price quoted by the other bidders. If such bidder happens to be lowest evaluated bidder, price of unquoted items shall be considered as included in the quoted bid price.

11.123 Bidders are requested to refer instructions for participating in Tendering.

11.124 In case of bids invited under single bid system, a single envelope containing all documents specified at Clause 11.1.1 & 11.1.2 of ITB above form the bid. All corresponding conditions specified at Clause 11.1.1 & 11.1.2 of ITB shall become applicable in such a case.

12.0 SCHEDULE OF RATES / BID PRICES

12.1 Unless stated otherwise in the Bidding Documents, the Contract shall be for the whole works as described in Bidding Documents, based on the rates and prices submitted by the Bidder and accepted by the Employer. The prices quoted by the Bidders will be inclusive of all taxes except GST (CGST & SGST/UTGST or IGST).

12.2 Prices must be filled in format for "Schedule of Rates [SOR]" enclosed as part of Tender document. If quoted in separate typed sheets and any variation in item description, unit or quantity is noticed; the Bid is liable to be rejected.

12.3 Bidder shall quote for all the items of "SOR" after careful analysis of cost involved for the performance of the completed item considering all parts of the Bidding Document. In case any activity though specifically not covered in description of item under "SOR" but is required to complete the works as per Specifications, Scope of Work / Service, Standards, General Conditions of Contract ("GCC"), Special Conditions of Contract ("SCC") or any other part of Bidding Document, the prices quoted shall be deemed to be inclusive of cost incurred for such activity.

12.4 All duties, taxes and other levies [if any] payable by the Contractor under the Contract, or for any other cause except final GST (CGST & SGST/ UTGST or IGST) shall be included in the rates / prices and the total bid-price submitted by the Bidder. Applicable rate of GST (CGST & SGST/ UTGST or IGST) on the contract value shall be indicated in Agreed Terms & Conditions (Format given in the bidding document) and SOR. Rajasthan state Gas Limited GST numbers shall be provided on award.

12.5 Prices quoted by the Bidder, shall remain firm and fixed and valid until completion of the Contract and will not be subject to variation on any

account. Any new taxes & Duties, if imposed by the State/ Govt. of India after due date of bid submission but before the Contractual Delivery Date, shall be reimbursed to the contractor on submission of documentary evidence for proof of payment to State/ Govt. Authorities and after ascertaining it's applicability with respect to the contract.

- 12.6 The Bidder shall quote the prices in 'figures' & words. There should not be any discrepancy between the prices indicated in figures and the price indicated in words. In case of any discrepancy, the same shall be dealt as stipulated in ITB of bidding document.
- 12.7 Further, Bidder shall also mention the Service Accounting Codes (SAC) at the designated place in SOR.
- 12.8 The quantities shown against the various items are only approximate. Any increase or decrease in the quantities shall not form the basis of alteration of the rates quoted and accepted.
- 12.9 The EMPLOYER reserves the right to interpolate the rates for such items of work/service falling between similar items of lower and higher magnitude.

13.0 GST (CGST & SGST/ UTGST or IGST)

- 13.1 Bidders are required to submit copy of the GST Registration Certificate while submitting the bids wherever GST (CGST & SGST/UTGST or IGST) is applicable.
- 13.2 Quoted prices should be inclusive of all taxes and duties, except GST (CGST & SGST or IGST or UTGST). Please note that the responsibility of payment of GST (CGST & SGST or IGST or UTGST) lies with the Supplier of Goods / Services only. Supplier of Goods / Services (Service Provider) providing taxable service shall issue an Invoice/Bill, as the case may be as per rules/ regulation of GST. Further, returns and details required to be filled under GST laws & rules should be timely filed by Supplier of Goods / Services (Service Provider) with requisite details.

Payments to Service Provider for claiming GST (CGST & SGST/UTGST or IGST) amount will be made provided the above formalities are fulfilled. Further, Rajasthan state Gas Limited may seek copies of challan and certificate from Chartered Accountant for deposit of GST (CGST & SGST/UTGST or IGST) collected from Owner.

- 13.3 In case CBEC (Central Board of Excise and Customs)/ any equivalent government agency brings to the notice of Rajasthan state Gas Limited that the Supplier of Goods / Services (Service Provider) has not remitted the amount towards GST (CGST & SGST/UTGST or IGST) collected from Rajasthan state Gas Limited to the government exchequer, then, that Supplier of Goods / Services (Service Provider) shall be put under Holiday

list of Rajasthan state Gas Limited for period of six months as mentioned in Procedure for Evaluation of Performance of Vendors/Suppliers/Contractors/ Consultants.

- 13.4** In case of statutory variation in GST (CGST & SGST/UTGST or IGST), other than due to change in turnover, payable on the contract value during contract period, the Supplier of Goods / Services (Service Provider) shall submit a copy of the 'Government Notification' to evidence the rate as applicable on the Bid due date and on the date of revision.

Beyond the contract period, any increase in the rate of GST (CGST & SGST/UTGST or IGST) beyond the contractual delivery period shall be to Service Provider's account whereas any decrease in the rate GST (CGST & SGST/UTGST or IGST) shall be passed on to the Owner.

Claim for payment of GST (CGST & SGST/UTGST or IGST)/ Statutory variation, should be raised within two [02] months from the date of issue of 'Government Notification' for payment of differential (in %) GST (CGST & SGST/UTGST or IGST), otherwise claim in respect of above shall not be entertained for payment of arrears.

The base date for the purpose of applying statutory variation shall be the Bid Due Date.

- 13.5** Owner/Rajasthan state Gas Limited will reimburse GST (CGST & SGST/UTGST or IGST) to the Supplier of Goods / Services (Service Provider) at actuals against submission of Invoices as per format specified in rules/ regulation of GST subject to the ceiling amount of GST (CGST & SGST/UTGST or IGST) as quoted by the bidder, subject to any statutory variations, except variations arising due to change in turnover. In case of any variation in the executed quantities (If directed and/or certified by the Engineer-In-Charge) the ceiling amount on which GST (CGST & SGST/UTGST or IGST) is applicable will be modified on pro-rata basis.

The bids will be evaluated based on total price including applicable GST (CGST & SGST/UTGST or IGST).

- 13.6** Rajasthan state Gas Limited will prefer to deal with registered supplier of goods/ services under GST. Therefore, bidders are requested to get themselves registered under GST, if not registered yet.

However, in case any unregistered bidder is submitting their bid, their prices will be loaded with applicable GST (CGST & SGST/UTGST or IGST) while evaluation of bid. .

- 13.7** In case Rajasthan state Gas Limited is required to pay entire/certain portion of applicable GST (CGST & SGST/UTGST or IGST) and remaining portion, if any, is to be deposited by Bidder directly as per GST (CGST & SGST/UTGST or IGST) laws, entire applicable rate/amount of GST (CGST & SGST/UTGST or IGST) to be indicated by bidder in the SOR.

Where Rajasthan state Gas Limited has the obligation to discharge GST (CGST & SGST/UTGST or IGST) liability under reverse charge mechanism and Rajasthan state Gas Limited has paid or is /liable to pay GST (CGST & SGST/UTGST or IGST) to the Government on which interest or penalties becomes payable as per GST laws for any reason which is not attributable to Rajasthan state Gas Limited or ITC with

respect to such payments is not available to Rajasthan state Gas Limited for any reason which is not attributable to Rajasthan state Gas Limited, then Rajasthan state Gas Limited shall be entitled to deduct/ setoff /recover such amounts against any amounts paid or payable by Rajasthan state Gas Limited to Contractor / Supplier.

13.8 Contractor shall ensure timely submission of invoice(s) as per rules/ regulations of GST with all required supporting document(s) within a period specified in Contracts/ LOA to enable Rajasthan state Gas Limited to avail input tax credit. Further, returns and details required to be filled under GST laws & rules should be timely filed by supplier with requisite details.

13.9 In case the GST rating of vendor on the GST portal / Govt. official website is negative / black listed, then the bids may be rejected by Rajasthan state Gas Limited. Further, in case rating of bidder is negative / black listed after award of work for supply of goods / services, then Rajasthan state Gas Limited shall not be obligated or liable to pay or reimburse GST to such vendor and shall also be entitled to deduct / recover such GST along with all penalties / interest, if any, incurred by Rajasthan state Gas Limited.

13.10 Anti-profiteering clause

As per Clause 171 of GST Act it is mandatory to pass on the benefit due to reduction in rate of tax or from input tax credit to the consumer by way of commensurate reduction in prices. The Supplier of Goods may note the above and quote their prices accordingly.

13.11 In case the GST rating of vendor on the GST portal / Govt. official website is negative / black listed, then the bids may be rejected by Rajasthan state Gas Limited. Further, in case rating of bidder is negative / black listed after award of work for supply of goods / services, then RAJASTHAN STATE shall not be obligated or liable to pay or reimburse GST to such vendor and shall also be entitled to deduct / recover such GST along with all penalties / interest, if any, incurred by Rajasthan state Gas Limited.

13.12 GST (CGST & SGST/UTGST or IGST) is implemented w.e.f. 01.07.2017 which subsumed various indirect taxes and duties applicable before 01.07.2017. Accordingly, the provisions of General Condition of Contract relating to taxes and duties which are subsumed in GST are modified to aforesaid provisions mentioned in clause no. 12 and 13 of ITB.

14.0 **BID CURRENCIES:**

Bidders must submit bid in Indian Rupees only.

15.0 **BID VALIDITY**

15.1 Bids shall be kept valid for a period of 90 days from the Due Date of Bid Submission. A Bid valid for a shorter period may be rejected by Rajasthan state Gas Limited as 'non-responsive'.

15.2 In exceptional circumstances, prior to expiry of the original 'Bid Validity Period', the Employer may request the Bidders to extend the 'Period of Bid Validity' for a specified additional period. The request and the responses thereto shall be made in writing or by fax/ email. A Bidder may refuse the request without forfeiture of his 'Bid Security'. A Bidder agreeing to the request will not be required or permitted to modify his Bid, but will be required to extend the validity of its 'Bid Security' for the period of the extension and in accordance with "ITB: Clause-16" in all respects.

16.0 **EARNEST MONEY DEPOSIT/ BID SECURITY** (FOR APPLICABILITY OF THIS CLAUSE REFER BID DATA SHEET(BDS))

16.1 Bids must be accompanied with 'Earnest Money Deposit/ Bid Security' in the form of 'Online Banking transaction', 'Demand Draft' or 'Banker's Cheque' [in favour of **Rajasthan state Gas Limited**, payable at the place as defined in BDS]) or 'Bank Guarantee' or 'Letter of Credit' as per the format given in Form -4/4A of the bidding documents or) [in favour of **Rajasthan state Gas Limited**]. Please refer BDS for further details. Bidders shall ensure that 'Bid Security', having a validity of at least two [02] months' beyond the validity of the bid, must accompany the Bid in the format(s) made available in the Bidding Document. Bid not accompanied with 'Bid Security', or 'Bid Security' not in requisite form shall be liable for rejection. The Bid Security shall be submitted in Indian Rupees only.

To enable the bidders to utilize online transaction option, Bank details of Rajasthan state Gas Limited is as specified in Bid Data Sheet [BDS].

Bidder is required to upload the successful Transaction Details along with their e-bid. In case of online transaction, submission of EMD in original is not applicable.

16.2 The 'Bid Security' is required to protect Rajasthan state Gas Limited against the risk of Bidder's conduct, which would warrant the 'Bid Security's' forfeiture, pursuant to "ITB: Clause-16.7".

16.3 Rajasthan state Gas Limited shall not be liable to pay any Bank charges, commission or interest etc. on the amount of 'Bid Security'. In case 'Bid Security' is in the form of a 'Bank Guarantee', the same shall be from any

Indian scheduled Bank or a branch of an International Bank situated in India and registered with 'Reserve Bank of India' as Scheduled Foreign Bank. However, in case of 'Bank Guarantee' from Banks other than the Nationalized Indian Banks, the Bank must be commercial Bank having net worth in excess of Rs.100Crores [Rupees One Hundred Crores] or its equivalent in foreign currency and a declaration to this effect should be made by such commercial Bank either in the 'Bank Guarantee' itself or separately on its letterhead. 'Earnest Money / Bid Security' shall be valid for 'two [02] months' beyond the 'Bid Validity Period'

- 16.4** Any Bid not secured in accordance with "ITB: Clause-16.1 & Clause-16.3" may be rejected by Rajasthan state Gas Limited as non-responsive.
- 16.5** Unsuccessful Bidder's 'Earnest Money Deposit/ Bid Security' will be discharged/ returned as promptly as possible, but not later than 'thirty [30] days' after finalization of tender.
- 16.6** The successful Bidder's 'Bid Security' will be discharged upon the Bidder's acknowledging the 'Award' and signing the 'Agreement' and furnishing the 'Contract Performance Guarantee / Security Deposit' pursuant to clause 36 & 37 of ITB.
- 16.7** Notwithstanding anything contained herein, the 'Bid Security' may also be forfeited in any of the following cases:
- a) If a Bidder withdraws his Bid during the 'Period of Bid Validity'
 - b) If a Bidder has indulged in corrupt/fraudulent /collusive/coercive practice
 - c) If the Bidder modifies bids during the period of bid validity (after Due Date and Time for Bid Submission).
 - d) Violates any other condition, mentioned elsewhere in the tender document, which may lead to forfeiture of EMD.
 - e) In the case of a successful Bidder, if the Bidder fails to:
 - i) to furnish "Contract Performance Guarantee / Security Deposit", in accordance with "ITB: Clause-37"
 - ii) to accept 'arithmetical corrections' as per provision of the clause 30 of ITB.
- 16.8** Bid Security should be in favour of Rajasthan state Gas Limited and addressed to Rajasthan state Gas Limited. In case Bid Security is in the form of 'Bank Guarantee' or 'Letter of Credit', the same must indicate the Bid Document No. and the Services for which the Bidder is quoting. This is essential to have proper correlation at a later date. The 'Bid Security' should be in the form provided at 'Form F-4'/'Form F-4A'.
- 16.9** MSEs (Micro & Small Enterprises) are exempted from submission of EMD/ Bid Security as stipulated in Clause 39 of ITB. However, Traders/Dealers/ Distributors /Stockiest /Wholesaler are not entitled for exemption of EMD. The Government Departments/ PSUs are also exempted from the payment of Bid Security.

17.0 PRE-BID MEETING

- 17.1** The Bidder(s) or his designated representative are invited to attend a "Pre- Bid Meeting" which will be held at the time and address as specified in BDS. It is expected that a bidder shall not depute more than 02 representatives for the meeting.
- 17.2** Purpose of the meeting will be to clarify issues and to answer questions on any matter that may be raised at that stage and give hands-on tendering process. The Bidder must submit their queries / clarifications to Rajasthan state Gas Limited in the format "F-18", as mentioned at clause no. 8.0 of ITB.
- 17.3** Text of the questions raised and the responses given, together with any responses prepared after the meeting, will be uploaded on Rajasthan state Gas Limited tendering website against the Tender. Any modification of the Contents of Bidding Documents listed in "ITB: Clause-7.1", that may become necessary as a result of the Pre-Bid Meeting shall be made by the Employer exclusively through the issue of an Addendum / Corrigendum pursuant to "ITB: Clause- 9", and not through the minutes of the Pre-Bid Meeting.
- 17.4** Non-attendance of the Pre-Bid Meeting will not be a cause for disqualification of Bidder.

18.0 FORMAT AND SIGNING OF BID

- 18.1** The Bid shall be typed or written in indelible ink and shall be signed by a person or persons duly authorized to sign on behalf of the Bidder (as per POA). The name and position held by each person signing, must be typed or printed below the signature. All pages of the Bid except for un-amended printed literature where entry(s) or amendment(s) have been made shall be initialled by the person or persons signing the Bid.
- 18.2** The Bid shall contain no alterations, omissions, or additions, unless such corrections are initialled by the person or persons signing the Bid.

19.0 ZERO DEVIATION AND REJECTION CRITERIA

- 19.1 ZERO DEVIATION:** Deviation to terms and conditions of "Bidding Documents" may lead to rejection of bid. Rajasthan state Gas Limited will accept bids based on terms & conditions of "Bidding Documents" only. Rajasthan state Gas Limited will determine the substantial responsiveness of each bid to the Bidding Documents pursuant to provision contained in clause 29 of ITB. For purpose of this, a substantially responsive bid is one which conforms to all terms and conditions of the Bidding Documents without deviations or reservations. Rajasthan state Gas Limited' determination of a bid's responsiveness is based on the content of the bid

itself without recourse to extrinsic evidence. Rajasthan state Gas Limited reserves the right to raise technical and/or commercial query(s), if required, on the bidder(s). The response(s) to the same shall be submitted in writing within the permitted time frame and no change in the price(s) or substance of the bids shall be sought, offered or permitted. The substance of the bid includes but not limited to prices, completion, scope, technical specifications, etc. Bidders are requested not to take any deviation/exception to the terms and conditions laid down in this "Tender Documents", and submit all requisite documents as mentioned in this "Tender Documents", failing which their offer will be liable for rejection. If a bidder does not reply to the queries in the permitted time frame then its bid shall be evaluated based on the documents available in the bid.

19.2 REJECTION CRITERIA: Notwithstanding the above, deviation to the following clauses of Tender document shall lead to summarily rejection of Bid:

- a) Firm Price
- b) Earnest Money Deposit / Bid Security
- c) Specifications & Scope of Services
- d) Schedule of Rates / Price Schedule / Price Basis
- e) Duration / Period of Contract/ Completion schedule
- f) Period of Validity of Bid
- g) Price Reduction Schedule
- h) Contract Performance Bank Guarantee / Security Deposit
- i) Guarantee / Defect Liability Period
- j) Arbitration / Resolution of Dispute/Jurisdiction of Court
- k) Force Majeure & Applicable Laws
- l) Payment terms
- m) Any other condition specifically mentioned in the tender document elsewhere that non-compliance of the clause lead to rejection of bid
- n) Submission of prices in un priced /technical Bid

Note: Further, it is once again reminded not to mention any condition in the Bid which is contradictory to the terms and conditions of Tender document.

20.0 E-PAYMENT

20.1 Rajasthan state Gas Limited has introduced payments to Suppliers and Contractors electronically, through 'e-banking'. The successful bidder should give the details of his bank account as per the bank mandate form.

20.2 Further, to promote cashless transactions, the onward payments by Contractors to their employees, service providers, sub-contractors and suppliers may be made through Cards and Digital means to the extent possible.

[D]

– SUBMISSION OF BIDS

21.0 BID SUBMISSION

21.1 Bids shall be submitted through manual mode/hard copy in the manner specified elsewhere in tender document.

21.2 Bidders are required to submit original Bid Security/ EMD, tender fee (as applicable), Power of Attorney and any other documents (as specified in the tender) at the address specified in BDS

21.3 Bids submitted under the name of AGENT/ CONSULTANT/REPRESENTATIVE/ RETAINER/ ASSOCIATE etc. on behalf of abidder/ affiliate shall not be accepted.

22.0 **DUE DATE AND TIME OF BID SUBMISSION**

22.1 The bids must be submitted through Manual mode/hard copy not later than the date and time specified in the tender documents/ BDS.

22.2 Rajasthan state Gas Limited may, in exceptional circumstances and at its discretion, extend the deadline for submission of Bids (clause 9 of ITB refers). In which case all rights and obligations of Rajasthan state Gas Limited and the Bidders, previously subject to the original deadline will thereafter be subject to the deadline as extended. Notice for extension of bid submission date will be uploaded on Rajasthan state Gas Limited' website/ Rajasthan state Gas Limited tender portal /communicated to the bidders.

23.0 **LATE BIDS**

23.1 Bidders must ensure submission of bids within the Due Date and Time of Bid Submission., Tendering system of Rajasthan state Gas Limited shall close immediately after the deadline for submission of bid and no bids can be submitted thereafter. Where the bid bond/ physical documents has been received but the bid is not submitted by the bidder in the e- tendering portal, such bid bond/ physical documents shall be returned/Rejected immediately.

24.0 **MODIFICATION AND WITHDRAWAL OF BIDS**

24.1 The bidder may withdraw or modify its bid after bid submission but before the Due Date and Time of Bid Submission as per tender document.

24.2 The modification shall also be prepared and uploaded in accordance with the provision of the clause 22 of ITB. No bid shall be modified/ withdrawn after the Due Date and Time of Bid Submission.

24.3 Withdrawal/ Modification/Substitution of a bid during the interval between the Due Date and Time for Bid Submission and the expiration of the Bid Validity Period shall result in

the bidder's forfeiture of his bid security pursuant to clause 16 of ITB and rejection of bid.

- 24.4 The latest bid submitted shall be considered for evaluation and all other bids shall be considered to be unconditionally withdrawn.
- 24.5 In case after price bid opening the lowest evaluated bidder (L1) is not awarded the job for any mistake committed by him in bidding or withdrawal of bid or modification of bid or varying any term in regard thereof leading to re-tendering, Rajasthan state Gas Limited shall forfeit EMD paid by the bidder and such bidders shall be debarred from participation in re-tendering of the same job(s)/item(s). Further, such bidder will be put on holiday for a period of six months after following the due procedure as per Annexure-IV of ITB.

25.0 EMPLOYER'S RIGHT TO ACCEPT ANY BID AND TO REJECT ANY OR ALL BIDS

Rajasthan state Gas Limited reserves the right to accept or reject any Bid, and to annul the Bidding process and reject all Bids, at any time prior to award of Contract, without thereby incurring any liability to the affected Bidder or Bidders or any obligations to inform the affected Bidder or Bidders of the ground for Rajasthan state Gas Limited' action. However, Bidder if so, desire may seek the reason (in writing) for rejection of their Bid to which Rajasthan state Gas Limited shall reserve the right to respond or reject.

[E] **- BID OPENING AND EVALUATION**

26.0 BID OPENING

- 26.1 ***Unpriced Bid Opening:*** Rajasthan state Gas Limited will open bids, in the presence of bidders' designated representatives who choose to attend, at date, time and location stipulated in the BDS. The bidders' representatives, who are present shall sign a bid opening statement/ register evidencing their attendance.

26.2 Price Bid Opening:

- 26.2.1 Rajasthan state Gas Limited will open the price bids of those bidders who meet the qualification requirement and whose bids are determined to be technically and commercially responsive. Bidders selected for opening of their price bids shall be informed about the date of price bid opening. Bidders may depute their authorized representative to attend the bid opening. The bidders' representatives, who are present shall sign a register evidencing their attendance and may be required to be present on a short notice.

- 26.2.2 The price bids of those bidders who were not found to be techno-commercially responsive shall be unopened.

- 26.3 In case of bids invited under the single bid system, bid shall be opened on the specified due date & time.

27.0 CONFIDENTIALITY:

- 27.1 During Bid Process:** Information relating to the examination, clarification, evaluation, and comparison of Bids, and recommendations for the award of a Contract, shall not be disclosed to any person(s) not officially concerned with such process.
- 27.2 Post Award of Contract:** The CONTRACTOR shall not communicate or use in advertising, publicity, sales releases or in any other medium, photographs, or other reproduction of the work/services under this CONTRACT or description of the site dimensions, quantity, quality or other information, concerning the work/services unless prior written permission has been obtained from the EMPLOYER.

28.0 CONTACTING THE EMPLOYER

- 28.1** From the time of Bid opening to the time of award of Contract, if any Bidder wishes to contact the Employer on any matter related to the Bid, it should do so in writing.
- 28.2** Any effort by the Bidder to influence the Employer in the Employer's 'Bid Evaluation', 'Bid Comparison', or 'Contract Award' decisions may result in the rejection of the Bidder's Bid and action shall be initiated as per procedure in this regard.

29.0 EXAMINATION OF BIDS AND DETERMINATION OF RESPONSIVENESS

- 29.1** The Owner's determination of a bid's responsiveness is based on the content of the bid only. Prior to the detailed evaluation of Bids, the Employer will determine whether each Bid
- Meets the "Bid Evaluation Criteria" of the Bidding Documents;
 - Has been properly signed;
 - Is accompanied by the required 'Earnest Money / Bid Security';
 - Is substantially responsive to the requirements of the Bidding Documents; and
 - Provides any clarification and/or substantiation that the Employer may require to determine responsiveness pursuant to "ITB: Clause-29.2"

- 29.2** A substantially responsive Bid is one which conforms to all the terms, conditions and specifications of the Bidding Documents without material deviations or reservations or omissions. For this purpose, Employer defines the foregoing terms below:
- a) “Deviation” is departure from the requirement specified in the tender documents.
 - b) “Reservation” is the setting of limiting conditions or withholding from complete acceptance of the requirement in the tender documents.
 - c) “Omission” is the failure to submit part or all of the information or documentation required in the tender document.
- 29.3** A material deviation, reservation or omission is one that,
- a) If accepted would,
 - i) Affect in any substantial way the scope, quality, or performance of the job as specified in tender documents.
 - ii) Limit, in any substantial way, inconsistent with the Tender Document, the Employer’s rights or the tenderer’s obligations under the proposed Contract.
 - b) If rectified, would unfairly affect the competitive position of other bidders presenting substantially responsive bids.
- 29.4** The Employer shall examine all aspects of the bid to confirm that all requirements have been met without any material deviation, reservation or omission.
- 29.5** If a Bid is not substantially responsive, it may be rejected by the Employer and may not subsequently be made responsive by correction or withdrawal of the material deviation, reservation or omission.

30.0 CORRECTION OF ERRORS

- 30.1** Bids determined to be substantially responsive will be checked by the Employer for any arithmetic errors. Errors will be corrected by the Employer as follows:
- i) When there is a difference between the rates in figures and words, the rate which corresponds to the amount worked out by the contractor (by multiplying the quantity and rate) shall be taken as correct.
 - ii) When the rate quoted by the contractor in figures and words tallies but the amount is incorrect, the rate quoted by the contractor shall be taken as correct and not the amount and the amount will be corrected accordingly.
 - iii) When it is not possible to ascertain the correct rate, in the manner prescribed above, the rate as quoted in words shall be taken as correct and the amount will be corrected accordingly.
 - iv) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected.
- 30.2** The amount stated in the bid will be adjusted by the Employer in accordance with the above procedure for the correction of errors. If the bidder does not accept the corrected amount of bid, its bid will be rejected, and the bid security shall be forfeited.

31.0 EVALUATION AND COMPARISON OF BIDS

Bid shall be evaluated as per evaluation criteria mentioned in Section 1.1 of bidding documents.

32.0 COMPENSATION FOR EXTENDED STAY (FOR APPLICABILITY OF THIS CLAUSE REFER BDS):-

- 32.1** In the event of the time of completions of work getting delayed beyond the time schedule indicated in the bidding document plus a grace period equivalent to 1/5th of the time schedule or 2 months whichever is more, due to reasons solely attributable to Employer, the Contractor shall be paid compensation for extended stay (ESC) to maintain necessary organizational set up and construction tools, tackles, equipment etc. at site of work.

The bidder is required to specify the rate for ESC on per month basis in the "PRICE PART" of his bid, which shall be considered for loading on total quoted price during price bid evaluation. The loading shall be done of a period of 1/5th of the time schedule or 1 month whichever is less. In case bidder does not indicate the rate for ESC in price part of

his bid, it will be presumed that no ESC is required by the bidder and evaluation shall be carried out accordingly.

[F]

- AWARD OF CONTRACT

33.0 AWARD

Subject to "ITB: Clause-29", Rajasthan state Gas Limited will award the Contract to the successful Bidder whose Bid has been determined to be substantially responsive and has been determined as the lowest evaluated Bid.

34.0 NOTIFICATION OF AWARD / FAX OF ACCEPTANCE

- 34.1** Prior to the expiry of 'Period of Bid Validity', Notification of Award for acceptance of the Bid will be intimated to the successful Bidder by Rajasthan state Gas Limited either by Fax / E - mail / Letter or like means defined as the "Fax of Acceptance (FOA)". The Contract shall enter into force on the date of FOA and the same shall be binding on Rajasthan state Gas Limited and successful Bidder (i.e. Supplier/ Seller). The Notification of Award/ FOA will constitute the formation of a Contract. The detailed Letter of Acceptance (LOA) / Purchase Order / Contract shall be issued thereafter incorporating terms & conditions of Tender Document, Corrigendum, Clarification(s), Bid and agreed variation(s)/acceptable deviation(s), if any. Rajasthan state Gas Limited may choose to issue Notification of Award in form of detailed LOA / Purchase Order without issuing FOA and in such case the Contract shall enter into force on the date of detailed Purchase Order only.

- 34.2** Contract period shall commence from the date of "Notification of Award" / "Fax of Acceptance" or as mentioned in the Notification of Award / Fax of Acceptance. The "Notification of Award" will constitute the formation of a Contract, until the Contract

has been effected pursuant to signing of Contract as per "ITB: Clause-36".

Upon the successful Bidder's / Contractor's furnishing of 'Contract Performance Guarantee / Security Deposit', pursuant to "ITB: Clause-37", Rajasthan state Gas Limited will promptly discharge his 'Earnest Money / Bid Security', pursuant to "ITB: Clause-16"

33 SIGNING OF AGREEMENT

33.1 Rajasthan state Gas Limited will award the Contract to the successful Bidder, who, within 'fifteen [15] days' of receipt of the same, shall sign and return the acknowledged copy to Rajasthan state Gas Limited.

33.2 The successful Bidder/ Contractor shall be required to execute an 'Agreement' in the proforma given in this Bidding Document on a 'non- judicial stamp paper' of appropriate value [cost of the 'stamp-paper' shall be borne by the successful Bidder/ Contractor] and of 'state' specified in Bid Data Sheet (BDS) only, within 'fifteen [15] days' of receipt of the "Letter of Acceptance [LOA]" of the Tender by the successful Bidder/ Contractor. Failure on the part of the successful Bidder/ Contractor to sign the 'Agreement' within the above stipulated period, shall constitute sufficient grounds for forfeiture of EMD/ Security Deposit.

34 CONTRACT PERFORMANCE GUARANTEE/ SECURITY DEPOSIT

34.1 Within 30 days of the receipt of the notification of award/ FOA from Rajasthan state Gas Limited, the successful Bidder shall furnish the Contract Performance Guarantee/Security Deposit. The Contract Performance Guarantee shall be in the form of either Banker's Cheque or Demand Draft or Bank Guarantee or Letter of Credit and shall be in the currency of the Contract. However, CPG/SD shall not be applicable in cases wherein the individual order value as specified in Notification of Award is upto INR 5 Lakh (excluding GST).

34.2 The Contract Performance Guarantee shall be for an amount as specified in BDS towards faithful performance of the contractual obligations and performance of equipment/material. For the purpose of Contract Performance Guarantee, Contract Value shall be exclusive of taxes and duties / **GST (CGST & SGST/UTGST or IGST)**.

34.3 Bank Guarantee towards Contract Performance Guarantee shall be from any Indian scheduled bank or a branch of an International bank situated in India and registered with Reserve bank of India as scheduled foreign bank in case of Indian bidder as well as foreign bidder. However, in case of bank guarantees from banks other than the Nationalized Indian banks, the bank must be a commercial bank having net worth in excess of Rs 100 crores or its equivalent in foreign currency and a declaration to this effect should be made by such commercial bank either in the Bank Guarantee itself or separately on its letterhead. This bank guarantee shall be valid for a period as three months beyond the Warranty/ Guarantee Period specified in Tender Document.

34.4 Failure of the successful Bidder to comply with the requirements of this article shall

constitute sufficient grounds for the annulment of the award and forfeiture of the EMD.

34.5 The Contract Performance Guarantee has to cover the entire contract value including extra works/services also. As long as the Contract Performance Guarantee submitted at the time of award take cares the extra works/ services executed and total executed value are within the awarded contract price, there is no need for additional Contract Performance Guarantee. As soon as the total executed value is likely to burst the ceiling of awarded contract price, the contractor should furnish additional Contract Performance Guarantee.

34.6 Further, the bidder can submit CPBG on line through issuing bank to Rajasthan state Gas Limited directly as per Ministry of Finance (MOF) Department of financial service direction vide letter ref number F.No.7/112/2011-BOA dated 17th July 2012. In such cases confirmation will not be sought from issuing banker by Rajasthan state Gas Limited.

35.0 PROCEDURE FOR ACTION IN CASE CORRUPT/ FRAUDULENT /COLLUSIVE/ COERCIVE PRACTICES

35.1 Procedure for action in case Corrupt/ Fraudulent/Collusive/Coercive Practices is enclosed at Annexure-III.

35.2 The Fraud Prevention Policy document is available on Gail gas web site shall be applicable which shall be applicable for RSGL on mutatis-mutandis basis.

36.0 NON-APPLICABILITY OF ARBITRATION CLAUSE IN CASE OF BANNING OF VENDORS/ SUPPLIERS / CONTRACTORS /BIDDERS/ CONSULTANTS INDULGED IN FRAUDULENT/ COERCIVE PRACTICES:

Notwithstanding anything contained contrary in GCC and other "CONTRACT DOCUMENTS", in case it is found that the Vendors/ Suppliers / Contractors/Bidders/ Consultants indulged in fraudulent/ coercive practices at the time of bidding, during execution of the contract etc., and/or on other grounds as mentioned in Rajasthan state Gas Limited' "Procedure for action in case Corrupt/Fraudulent/Collusive/Coercive Practices" (Annexure-III), the contractor/bidder shall be banned (in terms of aforesaid procedure) from the date of issuance of such order by Rajasthan state Gas Limited Ltd., to such Vendors/ Suppliers / Contractors/Bidders/ Consultants.

The Vendor/ Supplier / Contractor/ Bidder/Consultant understands and agrees that in such cases where Vendor/ Supplier / Contractor/ Bidder/Consultant has been banned (in terms of aforesaid procedure) from the date of issuance of such order by Rajasthan state Gas Limited, such decision of Rajasthan state Gas Limited shall be final and binding on such Vendor/ Supplier / Contractor/ Bidder/Consultant and the 'Arbitration clause' in the GCC and other "CONTRACT DOCUMENTS" shall not be applicable for any consequential issue /dispute arising in the matter.

37.0 AHR ITEMS

39.1 In item rate contract where the quoted rates for the items exceed 50% of the estimate rates, such items will be considered as Abnormally High Rates(AHR) items and payment of AHR items beyond the SOR stipulated quantities shall be made at the lowest amongst the following rates:

- I. Rates as per SOR, quoted by the Contractor/Bidder.
- II. Rate of the item, which shall be derived as follows:
 - a) Based on rates of Machine and labour as available from the contract (which includes contractor's supervision, profit, overheads and other expenses).
 - b) In case rates are not available in the contract, rates will be calculated based on prevailing market rates of machine, material and labour plus 15% to cover contractor's supervision profit, overhead & other expenses.

38 VENDOR PERFORMANCE EVALUATION

The procedure for evaluation of performance of Supplier containing provisions for putting a Bidder / Supplier on suspension and/or holiday list (as the case may be) is enclosed as Annexure IV.

39 INCOME TAX & CORPORATE TAX

Income tax deduction shall be made from all payments made to the contractor as per the rules and regulations in force and in accordance with the Income Tax Act prevailing from time to time.

39.1 Corporate Tax liability, if any, shall be to the contractor's account.

39.2 TDS, wherever applicable, shall be deducted as per applicable act/law/rule.

39.3 MENTIONING OF PAN NO. IN INVOICE/BILL

As per CBDT Notification No. 95/2015 dated 30.12.2015, mentioning of PAN no. is mandatory for procurement of goods/services/works/consultancy services exceeding Rs. cs per transaction.

Accordingly, service provider should mention their PAN no. in their invoice/ bill for any transaction exceeding Rs. 2 lakhs. As provided in the notification, in case service provider do not have PAN no., they have to submit declaration in Form 60 along with invoice/ bill for each transaction.

Payment of supplier/ contractor / service provider/ consultant shall be processed only after fulfilment of above requirement.

40.0 SETTLEMENT OF COMMERCIAL DISPUTES BETWEEN PUBLIC SECTOR ENTERPRISE(S) INTER-SE AND PUBLIC SECTOR ENTERPRISE(S) AND GOVERNMENT DEPARTMENT (S) THROUGH PERMANENT MACHINERY OF ARBITRATION (PMA) IN THE

DEPARTMENT OF PUBLIC ENTERPRISES

In the event of any dispute or difference relating to the interpretation and application of the provisions of the Contracts, such dispute or difference shall be referred by either party for Arbitration to the sole Arbitrator in the Department of Public Enterprises to be nominated by the Secretary to the Government of India in-charge of the Department of Public Enterprises. The Arbitration and Conciliation Act, 1996 shall not be applicable to arbitrator under this clause. The award of the Arbitrator shall be binding upon the parties to the dispute, provided, however, any party aggrieved by such award may make a further reference for setting aside or revision of the award to the Law Secretary, Department of Legal Affairs, Ministry of Law & Justice, Government of India. Upon such reference the dispute shall be decided by the Law Secretary or the Special Secretary / Additional Secretary, when so authorized by the Law Secretary, whose decision shall bind the Parties finally and conclusively. The parties to the dispute will share equally the cost of arbitration as intimated by the Arbitrator.

41.0 DISPUTE RESOLUTION (ADDENDUM TO PROVISION REGARDING APPLICABLE LAWS AND SETTLEMENT OF DISPUTES OF GCC) (RULES FRAMED BY GAIL GAS LTD. SHALL BE APPLICABLE FOR RSGI ALSO AS DEFINED BELOW ON MUTATIS-MUTANDIS BASIS)

GAIL Gas Ltd. has framed the Conciliation Rules 2013 in conformity with supplementary to Part – III of the Indian Arbitration and Conciliation Act 1996 for speedier, cost effective and amicable settlement of disputes through conciliation. A copy of the said rules made available on GAIL gas web site for reference. Unless otherwise specified, the matters where decision of the Engineer-in-Charge is deemed to be final and binding as provided in the Agreement and the issues/disputes which cannot be mutually resolved within a reasonable time, all disputes shall be settled in accordance with the Conciliation Rules 2013.

- 42.0 Any dispute(s)/difference(s)/issue(s) of any kind whatsoever between/ amongst the Parties arising under/out of/in connection with this contract shall be settled in accordance with the afore said rules 3.0
- 42.1 In case of any dispute(s)/difference(s)/issue(s), a Party shall notify the other Party (ies) in writing about such a dispute(s)/ difference(s) / issue(s) between / amongst the Parties and that such a Party wishes to refer the dispute(s)/difference(s)/issue(s) to Conciliation. Such invitation for Conciliation shall contain sufficient information as to the dispute(s)/difference(s)/issue(s) to enable the other Party (ies) to be fully informed as to the nature of the dispute(s)/difference(s)/issue(s), the amount of monetary claim, if any, and apparent cause(s) of action.
- 42.2 Conciliation proceedings commence when the other Party(ies) accept(s) the invitation to conciliate and confirmed in writing. If the other Party (ies) reject(s) the invitation, there will be no conciliation proceedings.
- 42.3 If the Party initiating conciliation does not receive a reply within thirty days from the date on which he/she sends the invitation, or within such other period of time as specified in the invitation, he/she may elect to treat this as a rejection of the invitation to conciliate. If he/she so elects, he/she shall inform the other Party(ies) accordingly.

- 42.4 Where Invitation for Conciliation has been furnished, the Parties shall attempt to settle such dispute(s) amicably under Part-III of the Indian Arbitration and Conciliation Act, 1996 and GAIL Gas Conciliation Rules, 2013 (Applicable for RSGL). It would be only after exhausting the option of Conciliation as an Alternate Dispute Resolution Mechanism that the Parties heretoshall go for Arbitration. For the purpose of this clause, the option of „Conciliation“ shall be deemed to have been exhausted, even in case of rejection of „Conciliation“ by any of the Parties.
- 43.0 The cost of Conciliation proceedings including but not limited to fees for Conciliator(s), Airfare, Local Transport, Accommodation, cost towards conference facility etc. shall be borne by the Parties equally.

The Parties shall freeze claim(s) of interest, if any, and shall not claim the same during the pendency of Conciliation proceedings. The Settlement Agreement, as and when reached/agreed upon, shall be signed between the Parties and Conciliation proceedings shall stand terminated on the date of the Settlement Agreement.

44 **INAM-PRO (PLATFORM FOR INFRASTRUCTURE & MATERIALS PROVIDERS)**

INAM-Pro (Platform for infrastructure and materials providers) is a web based platform for infrastructure provides and materials suppliers and was developed by Ministry of Road Transport and Highways (MoRT&H) with a view to reduce project execution delays on account of supply shortages and inspire greater confidence in contractors to procure cement to start with directly from the manufacturers. Presently, numerous cement companies are registered in the portal and offering cement for sale on the portal with a commitment period of 3 years. These companies have bound themselves by ceiling rates for the entire commitment period, wherein they are allowed to reduce or increase their cement rates any number of times within the ceiling rate, but are not permitted to exceed the said ceiling rate.

MoRT&H is expanding the reach of this web-portal by increasing both the product width as well as the product depth. They are working on incorporating 60 plus product categories. The product range will span from large machineries like Earth Movers and Concrete Mixers, to even the smallest items like road studs. MoRT&H intend to turn it into a portal which services every infrastructure development related need of a modern contractor.

Rajasthan state Gas Limited's contractors may use this innovative platform, wherever applicable. The usage of web – Portal is a completely voluntary exercise. The platform, however, can serve as a benchmark for comparison of offered prices and products.

45.0 **CONTRACTOR TO ENGAGE CONTRACT MANPOWER BELONGING TO SCHEDULED CASTES AND WEAKER SECTIONS OF THE SOCIETY**

While engaging the contractual manpower, Contractors are required to make efforts to provide opportunity of employment to the people belonging to Scheduled Castes and weaker sections of the society also in order to have a fair representation of these sections.

===== X =====

Annexure-I

Bid Data Sheet (BDS)

[ITB to be read in conjunction with BDS]

TB clause	Description				
A. GENERAL					
1.1	The Purchaser is: Rajasthan state Gas Limited				
1.2	The name of the Works/Services to be performed is: Operations and Maintenance Services for City Gas Distribution Network of RSGL KOTA GA for One Year Refer Vol. II for details.				
3.0	Bid from a Joint Venture/Consortium <table border="1"> <tr> <td>APPLICABLE</td><td>☒</td></tr> <tr> <td>NOT APPLICABLE</td><td>☐</td></tr> </table>	APPLICABLE	☒	NOT APPLICABLE	☐
APPLICABLE	☒				
NOT APPLICABLE	☐				
B. BIDDING DOCUMENT					
8.1	For <u>clarification purposes</u> only, the communication address is: Vivek Shrivastava DGM (C&P) RAJASTHAN STATE GAS LIMITED Email: viveks.rsgl@rajasthan.gov.in Khaniz Bhawan, Tilak Marg, C-Scheme Jaipur - 302005 Websites: https://rsgl.rajasthan.gov.in				
C. PREPARATION OF BIDS					
11.1.1 .1	The Bidder shall submit with its Techno-commercial/ Unpriced bid the following additional documents as per SCC...Nil				
12.0	Additional Provision for Schedule of Rate/ Bid Price are as under: <u>Nil</u>				

13 & 14	Whether Rajasthan state Gas Limited will be able to avail input tax credit in the instant tender.....NO
16.1	Applicability of EMD/ Bid Security : APPLICABLE
17.0	Date, Time and Venue of Pre-Bid meeting Date and Time: 25-09-2025 /15:00 hrs. Rajasthan state Gas Limited Khaniz Bhawan, Tilak Marg, C-Scheme Jaipur - 302005
D. SUBMISSION AND OPENING OF BIDS	
21.0	The Tender No. of this bidding process is: RSGL/KOTA/C&P/O&M/2025-26/ NIT-12 DATED: 18-09-2025
21.2	For bid submission purposes only, the Owner's contact details are as below: Dy. General Manager (C&P) Rajasthan state Gas Limited, Khaniz Bhawan, Tilak Marg, C-Scheme Jaipur - 302005
22.1	Due Date and Time of Bid Submission : 09-10-2025 /14:00 Hrs.
26.0	The Unpriced bid opening shall take place at: Date: 09-10-2025 Time: 1500 hours Rajasthan state Gas Limited, Khaniz Bhawan, Tilak Marg, C-Scheme Jaipur - 302005
E. EVALUATION AND COMPARISON OF BIDS	
ITB clause	Description
31.0	Evaluation Methodology is mentioned in Section 1.2 of ITB.
32.0	Compensation for Extended Stay: NOT APPLICABLE
33.0	Rajasthan Stamp duty act is applicable.
F. AWARD OF CONTRACT	

37.0	Contract Performance Guarantee / Security Deposit :APPLICABLE 1. Pursuant to Clause No. 24 of GCC-Works, Bidder will provide Performance Guarantee of 10% of Annual Contract value within 30 days of award The contract performance bank Guarantee shall be valid 03 (three) months beyond the expiry of defect liability period. While issuing bank Guarantee applicant must mention receiver's details as ICICI Bank account No. 678605600349, IFSC ICIC0006786, Branch__Khaniz Bhawan -Tilak Marg, C-scheme Jaipur, in BG text at which SFMS IFN 760 message to be send by issuing bank, to establish the authenticity of given BG.
39.0	Whether tendered item is non-split able or non-divisible: YES
40.0	Provision of AHR Item : APPLICABLE
Clause no. 27.3 of GCC	BONUS FOR EARLY COMPLETION: <u>NOT APPLICABLE</u>

Annexure-II

Procedure for Action in Case of Corrupt/ Fraudulent/ Collusive/ Coercive Practices

Introduction:

In the endeavour to maintain and foster most ethical and corruption free business environment, this Banning Procedure containing provision for putting a Vendor/ Supplier on Suspension and/or banning list if such agency indulges in corrupt/ fraudulent/ collusive/ coercive practice is being followed.

A] Definitions:

A1 “Corrupt Practice” means the offering, giving, receiving or soliciting, directly or indirectly, anything of value to improperly influence the actions in selection process or in contract execution.

“Corrupt Practice” also includes any omission for misrepresentation that may mislead or attempt to mislead so that financial or other benefit may be obtained or an obligation avoided.

A2 “Fraudulent Practice” means and include any act or omission committed by a agency or with his connivance or by his agent by misrepresenting/ submitting false documents and/ or false information or concealment of facts or to deceive in order to influence a selection process or during execution of contract/ order.

A3 “Collusive Practice amongst bidders (prior to or after bid submission)” means a scheme or arrangement designed to establish bid prices at artificial non-competitive levels and to deprive the Employer of the benefits of free and open competition.

A4 “Coercive practice” means impairing or harming or threatening to impair or harm directly or indirectly, any agency or its property to influence the improperly actions of an agency, obstruction of any investigation or auditing of a procurement process.

A5 “Vendor/Supplier/Contractor/Consultant/Bidder” is herein after referred as “Agency”

A6 “Appellate Authority” shall mean Committee of Directors of Rajasthan state Gas Limited

A7 “Competent Authority” shall mean the authority, who is competent to take final decision for Suspension of business dealing with an Agency/ ies and Banning of business dealings with Agency/ ies,

- A8** “Allied Agency” shall mean all the concerns within the sphere of effective influence of banned/ suspended agencies. In determining this, the following factors may be taken into consideration:
- (a) Whether the management is common;
 - (b) Majority interest in the management is held by the partners or directors of banned/ suspended firm.
 - (c) substantial or majority shares are owned by banned/ suspended agency and by virtue of this it has a controlling voice.

- A9** “Investigating Agency” shall mean any department or unit of RAJASTHAN STATE/Rajasthan state Gas Limited investigating into the conduct of Agency/ party and shall include the Vigilance Department of the RAJASTHAN STATE/Rajasthan state Gas Limited, Central Bureau of Investigation, State Police or any other agency set up by the Central or state government having power to investigate.

B| Actions against bidder(s) indulging in corrupt /fraudulent/ collusive/ coercive practice

B1 Irregularities noticed during the evaluation of the bids :

If it is observed during bidding process/ bids evaluation stage that a bidder has indulged in corrupt/fraudulent /collusive/coercive practice, the bid of such Bidder (s) shall be rejected and its Earnest Money Deposit (EMD) shall be forfeited.

Further, such agency shall be banned for future business with Rajasthan state Gas Limited for a period specified in para B.2.2 below from the date of issue of banning order.

B2 Irregularities noticed after award of contract

(i) During execution of contract:

If an agency, is found to have indulged in corrupt/fraudulent/ collusive/coercive practices, during execution of contract, the agency shall be banned for future business with Rajasthan state Gas Limited for a period specified in para B.2.2 below from the date of issue of banning order.

The concerned order (s)/ contract(s) where corrupt/ fraudulent/ collusive practices is observed, shall be suspended with immediate effect by Engineer-in-Charge (EIC)/ Employer whereby the supply/ work/ service and payment etc. will be suspended. The action shall be initiated for putting the agency on banning.

After conclusion of process, the order (s)/ contract (s) where it is concluded that such irregularities have been committed shall be terminated and Contract Performance Guarantee submitted by agency against such order (s)/ contract (s) shall also be forfeited. The amount that may have become due to the contractor on account of work already executed by him shall be payable to the contractor and this amount shall be subject to adjustment against any amounts due from the contractor under the terms of the contract.

No risk and cost provision will be enforced in such cases.

(ii) After execution of contract and during Defect liability period (DLP)/ Warranty/Guarantee Period:

If an agency is found to have indulged in corrupt/ fraudulent/ collusive/ coercive practices, after execution of contract and during DLP/ Warranty/ Guarantee Period, the agency shall be banned for future business with Rajasthan state Gas Limited for a period specified in para B.2.2 below from the date of issue of banning order.

Further, the Contract Performance Guarantee submitted by agency against such order (s)/ contract (s) shall be forfeited.

(iii) After expiry of Defect liability period (DLP)/ Warranty/Guarantee Period

If an agency is found to have indulged in corrupt/fraudulent/ collusive/coercive practices, after expiry of Defect liability period (DLP)/Warranty/Guarantee Period, the agency shall be banned for future business with Rajasthan state Gas Limited for a period specified in para B. 2.2 below from the date of issue of banning order.

B.2.2 Period of Banning

The period of banning of agencies indulged in Corrupt /Fraudulent /Collusive /Coercive Practices shall be as under and to be reckoned from the date of banning order:

Sl. No.	Description	Period of banning from the date of issuance of Banning order
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1	Misrepresentation/False information other than pertaining to BEC of tender but having impact on the selection process. For example, if an agency confirms not being in holiday/ banning list of M/s GAIL India Limited/M/s GAIL Gas Limited/M/s Rajasthan State Gas limited., liquidation, bankruptcy etc. and subsequently it is found otherwise, such acts shall be considered in this category.	02 years
2	Corrupt/Fraudulent (pertaining to BEC of tender) /Collusive/Coercive Practices	03 years
2.1	If an agency again commits Corrupt/Fraudulent (pertaining to BEC of tender) /Collusive/ Coercive Practices in subsequent cases after their banning, such situation of repeated offense to be dealt with more severity and following shall be the period of banning:	
	(i) Repeated once	7 years (in addition to the period already served)
	(ii) Repeated twice or more	15 years (in addition to the period already served)
3	Indulged in unauthorized disposal of materials provided by Rajasthan state Gas Limited	7 years
4	If act of vendor/ contractor is a threat to the National Security	15 years
5	Corrupt/Fraudulent/Collusive/Coercive Practices during execution of contract	02 years

In exceptional cases where the act of vendor/ contractor is a threat to the National Security, the banning shall be for indefinite period.

C] Effect of banning on other ongoing contracts/ tenders

- C1** If an agency is put on Banning, such agency should not be considered in ongoing tenders/future tenders.
- C2** However, if such an agency is already executing other order (s)/ contract (s) where no corrupt/fraudulent/ collusive/coercive practice is found, the agency should be allowed to continue till its completion without any further increase in scope except those incidental to original scope mentioned in the contract.

C3 If an agency is put on the Banning List during tendering and no irregularity is found in the case under process:

C.3.1 after issue of the enquiry /bid/tender but before opening of Technical bid, the bid submitted by the agency shall be ignored.

C.3.2 after opening Technical bid but before opening the Price bid, the Price bid of the agency shall not be opened and BG/EMD submitted by the agency shall be returned to the agency.

C.3.3 after opening of price, BG/EMD made by the agency shall be returned; the offer of the agency shall be ignored & will not be further evaluated. If the agency is put on banning list for fraud/ mis-appropriation of facts committed in the same tender/other tender where errant agency emerges as the lowest (L1), then such tender shall also be cancelled and re- invited.

D| Procedure for Suspension of Bidder

D.1 Initiation of Suspension

Action for suspension business dealing with any agency/ (ies) shall be initiated by C&P Department when

- (i) Corporate Vigilance Department based on the fact of the case gathered during investigation by them recommend for specific immediate action against the agency.
- (ii) Corporate Vigilance Department based on the input from Investigating agency, forward for specific immediate action against the agency.

D.2 Suspension Procedure:

D.2.1 The order of suspension would operate initially for a period not more than six months and will be communicated to the agency and also to Corporate Vigilance Department. Period of suspension may be extended by one month at a time with a ceiling of six months pending a conclusive decision to put the agency on banning list.

D.2.2 During the period of suspension, no new business dealing may be held with the agency.

D.2.3 Period of suspension will be accounted for in the final order passed for banning of business with the agency.

D.2.4 The decision regarding suspension of business dealings should also be communicated to the agency.

D.2.5 If a prima-facie, case is made out that the agency is guilty on the grounds which can result in banning of business dealings, proposal for issuance of suspension order and show cause notice shall be put up to the Competent Authority. The suspension order and show cause notice must include that (i) the agency is put on suspension list and (ii) why action should not be taken for banning the agency for future business from Rajasthan state Gas Limited.

The competent authority to approve the suspension will be same as that for according approval for banning.

D3 Effect of Suspension of business:

Effect of suspension on other on-going/future tenders will be as under:

D.3.1 No enquiry/bid/tender shall be entertained from an agency as long as the name of agency appears in the Suspension List.

D.3.2 If an agency is put on the Suspension List during tendering:

D.3.2.1 after issue of the enquiry /bid/tender but before opening of Technical bid, the bid submitted by the agency shall be ignored.

D.3.2.2 after opening Technical bid but before opening the Price bid, the Price bid of the agency shall not be opened and BG/EMD submitted by the agency shall be returned to the agency.

D.3.2.3 after opening of price, BG/EMD made by the agency shall be returned; the offer of the agency shall be ignored & will not be further evaluated. If the agency is put on Suspension list for fraud/ mis-appropriation of facts conducted in the same tender/other tender where errant agency emerges as the lowest (L1), then such tender shall also be cancelled and re-invited.

D.3.3 The existing contract (s)/ order (s) under execution shall continue.

D.3.4 Tenders invited for procurement of goods, works and services shall have provision that the bidder shall submit a undertaking to the effect that (i) neither the bidder themselves nor their allied agency/(ies) are on banning list of Rajasthan state Gas Limited or the Ministry of Petroleum and Natural GAS and (ii) bidder is not banned by any Government department/ Public Sector.

- E] Appeal against the Decision of the Competent Authority:**
- E1** The agency may file an appeal against the order of the Competent Authority for putting the agency on banning list. The appeal shall be filed to Appellate Authority. Such an appeal shall be preferred within one month from the receipt of banning order.
- E2** Appellate Authority would consider the appeal and pass appropriate order which shall be communicated to the party as well as the Competent Authority.
- E3** Appeal process may be completed within 45 days of filing of appeal with the Appellate Authority.
- F]** Wherever there is contradiction with respect to terms of GCC and 'Procedure for action in case of Corrupt/Fraudulent/ Collusive/Coercive Practice', the provisions of 'Procedure for action in case of Corrupt/Fraudulent/ Collusive/ Coercive Practice' shall prevail.

Annexure-III

Procedure for Evaluation of Performance of Vendor/ Suppliers

OBJECTIVE

The objective of Evaluation of Performance aims to recognize, and develop reliable Vendors/ Suppliers/Contractors/ Consultants so that they consistently meet or exceed expectations and requirements.

The purpose of this procedure is to put in place a system to monitor performance of Vendors/ Suppliers/Contractors/ Consultants associated with RAJASTHAN STATE GAS in Projects and in O&M so as to ensure timely completion of various projects, timely receipt of supplies including completion of works & services for operation and maintenance of operating plants and quality standards in all respects.

2.0

METHODOLOGY

i) Preparation of Performance Rating Data Sheet

Performance rating data Sheet for each and every Vendor/ Supplier/Contractor/ Consultant for all orders/Contracts with a value of Rs. 7 Lakhs and above is recommended to be drawn up. These data sheets are to be separately prepared for orders/ contracts related to Projects and O&M. Format, Parameters, Process, responsibility for preparation of Performance Rating Data Sheet are separately mentioned.

ii) Measurement of Performance

Based on the parameters defined in Data Sheet, Performance of concerned Vendor/ Supplier/Contractor/ Consultant would be computed and graded accordingly. The measurement of the performance of the Party would be its ability to achieve the minimum scoring of 60% points in the given parameters.

iii) Initiation of Measures:

Depending upon the Grading of Performance, corrective measures would be initiated by taking up the matter with concerned Vendor/ Supplier/Contractor/ Consultant. Response of Vendor/ Supplier/Contractor/ Consultant would be considered before deciding further course of action.

iv) Implementation of Corrective Measures:

Based on the response of Vendor/ Supplier/Contractor/ Consultant, concerned Engineer-in-Charge for the Projects and/or OIC in case of O&M would recommend for continuation or discontinuation of such party

from the business of Rajasthan state Gas Limited.

- v) Orders/contracts placed on Proprietary/OEM basis for O&M will be evaluated and, if required, corrective action will be taken for improvement in future.

3.0 **PROCESS OF EVALUATION OF PERFORMANCE OF VENDORS/ SUPPLIERS/ CONTRACTORS/ CONSULTANTS**

3.1 FOR PROJECTS

- i) Evaluation of performance of Vendors/ Suppliers/Contractors/ Consultants in case of PROJECTS shall be done immediately with commissioning of any Project.
- ii) On commissioning of any Project, EIC (Engineer-in-charge)/ Project-in- charge shall prepare a Performance Rating Data Sheet (Format at Annexure- 1) for all Orders and Contracts.
- iii) Depending upon the Performance Rating, following action need to be initiated by Engineer-in-charge/Project-in-charge:

Sl. No.	Performance Rating	Action
1	POOR	Seek explanation for Poor performance
2	FAIR	Seek explanation for Fair performance
3	GOOD	Letter to the concerned for improving performance in future
4	VERY GOOD	No further action

- iv) Reply from concerned Vendor/ Supplier/Contractor/ Consultant shall be examined. In case of satisfactory reply, Performance Rating data Sheet to be closed with a letter to the concerned for improving performance in future.
- v) When no reply is received or reasons indicated are unsatisfactory, the following actions need to be taken:

A) Where Performance rating is “POOR”:

Recommend such defaulting Vendor/ Supplier/Contractor/ Consultant for putting on Holiday for a period from one to three years as given below:

- (i) Poor Performance due to reasons other than Quality : **One Year**
- (ii) Poor Performance on account of Quality (if any mark obtained against Quality parameter is less than 30): **Two Years**
- (iii) Poor Performance leading to termination of contract or Offloading of contract due to poor performance solely attributable to Vendor/ Supplier/Contractor/ Consultant or Repeated Offence: **Three Years**

Nonperformance of a Vendor/Supplier/Contractor/Consultant leading to termination of Contract/ Order, such Vendor/ Supplier/ Contractor/Consultant are also to be considered for Suspension.

In all such cases, concerned site will put up recommendation for issuance of SCN and putting the party on suspension list as per process defined for suspension in “Procedure for Action in case of Corrupt/ Fraudulent/ Collusive/ Coercive Practices”

(B) Where Performance rating is “FAIR”:

Recommend for issuance of warning to such defaulting Vendor/ Supplier/Contractor/ Consultant to improve their performance.

3.2 FOR CONSULTANCY JOBS

Monitoring and Evaluation of consultancy jobs will be carried out in the same way as described in para 3.1 for Projects.

3.3 FOR OPERATION & MAINTENANCE

- i) Evaluation of performance of Vendors/ Suppliers/Contractors/ Consultants in case of Operation and Maintenance shall be done immediately after execution of order/ contract.
 - ii) After execution of orders a Performance Rating Data Sheet (Format at Annexure-2) shall be prepared for Orders by Site C&P and for Contracts/Services by respective Engineer-In-Charge.
 - iii) Depending upon Performance Rating, following action need to be initiated by Site C&P:
-

Sl. No.	Performance Rating	Action
1	POOR	Seek explanation for Poor performance
2.	FAIR	Seek explanation for Fair performance
3	GOOD	Letter to the concerned for improving performance in future.
4	VERY GOOD	No further action

- iv) Reply from concerned Vendor/ Supplier/Contractor/ Consultant shall be examined. In case of satisfactory reply, Performance Rating data Sheet to be closed with a letter to the concerned for improving performance in future.
- v) When no reply is received or reasons indicated are unsatisfactory, the following actions need to be taken:

A) Where performance rating is “POOR”

Recommend such defaulting Vendor/Supplier/Contractor/ Consultant for putting on Holiday for a period from one to three years as given below:

- (i) Poor Performance due to reasons other than Quality : **Six Months**
- (ii) Poor Performance on account of Quality (if any mark obtained against Quality parameter is less than 30): **Six Months**
- (iii) Poor Performance leading to termination of contract or Offloading of contract due to poor performance solely attributable to Vendor/Supplier/Contractor/Consultant or Repeated Offence: **Six Months**

In case of repeated offence on above ground covered under sl. no. (i), (ii) and (iii):

- For once- **1 year.**
- For two and above-**3 years**

Non-performance of a Vendor/Supplier/Contractor/Consultant leading to termination of Contract/ Order such Vendor/ Supplier/ Contractor/Consultant are also to be considered for Suspension.

In all such cases, concerned site will put up recommendation for issuance of SCN and putting the party on suspension list as per process defined for suspension in “Procedure for Action in case of Corrupt/ Fraudulent/ Collusive/ Coercive Practices”

B) Where Performance rating is “FAIR”

Recommend for issuance of warning to such defaulting Vendors/Contractors/Consultants to improve their performance.

4.0 REVIEW & RESTORATION OF PARITES PUT ON HOLIDAY

- 4.1 An order for Holiday passed for a certain specified period shall deemed to have been automatically revoked on the expiry of that specified period and it will not be necessary to issue a specific formal order of revocation.

Further, in case Vendor/ Supplier/Contractor/ Consultant is put on holiday due to quality, and new order is placed on bidder after restoration of Vendor/ Supplier/Contractor/ Consultant, such order will be properly monitored during execution stage by the concerned site.

5.0 EFFECT OF HOLIDAY

- 5.1 If a Vendor/Supplier/Contractor/Consultant is put on Holiday, such Vendor/ Supplier/Contractor/ Consultant should not be considered in ongoing tenders/future tenders.
- 5.2 However, if such Vendor/ Supplier/Contractor/ Consultant is already executing any other order/ contract and their performance is satisfactory in terms of the relevant contract, should be allowed to continue till its completion without any further increase in scope except those incidental to original scope mentioned in the contract. In such a case CPBG will not be forfeited and payment will be made as per provisions of concerned contract. However, this would be without prejudice to other terms and conditions of the contract.
- 5.3 Effect on other ongoing tendering:
- 5.3.1 after issue of the enquiry /bid/tender but before opening of Technical bid, the bid submitted by the party shall be ignored.
- 5.3.2 after opening Technical bid but before opening the Price bid, the Price bid of the party shall not be opened and BG/EMD submitted by the party shall be returned to the party.
- 5.3.3 after opening of price, BG/EMD made by the party shall be returned; the offer of the party shall be ignored & will not be further evaluated. If errant party emerges as the lowest (L1), then such tender shall also be cancelled and re- invited.

5.4 Procedure for Suspension of Bidder

5.4.1 Initiation of Suspension

Action for suspension of business dealing with any agency/(ies) shall be initiated by C&P

Department when Non-performance of Vendor / Supplier Contractor/ Consultant leading to termination of Contract/ Order.

5.4.2 Suspension Procedure:

- 5.4.2.1 The suspension period shall be limited to maximum six months.
- 5.4.2.2 The suspension order shall also be hosted on Rajasthan state Gas Limited intranet and a copy will be forwarded to all OICs/ HODs by C&P Department. During the period of suspension, no new business dealing may be held with the agency.
- 5.4.2.3 Period of suspension shall be accounted for in the final order passed for putting the party for holiday
- 5.4.2.4 The decision regarding suspension of business dealings should also be communicated to the agency.
- 5.4.2.5 Prior to putting the party on holiday, proposal for issuance of suspension order and show cause notice shall be put up to the Competent Authority. The suspension order and show cause notice must include that (i) the agency is put on suspension list and (ii) why action should not be taken for putting the agency on holiday for future business from Rajasthan state Gas Limited.

The competent authority to approve the suspension will be same as that for according approval for holiday.

- 5.4.2.6 The process for putting the agency on suspension list shall be completed within 30 days from the date of recommendation by site committee.

5.4.3 Effect of Suspension of business:

Effect of suspension on other on-going/future tenders will be as under:

- 5.4.3.1 No enquiry/bid/tender shall be entertained from an agency as long as the name of Agency appears in the Suspension List.
- 5.4.3.2 If an agency is put on the Suspension List during tendering:
 - 54321 after issue of the enquiry /bid/tender but before opening of Technical bid, the bid submitted by the agency shall be ignored.
 - 54322 after opening Technical bid but before opening the Price bid, the Price bid of the agency shall not be opened and EMD submitted by the agency shall be returned to the agency.
 - 54323 after opening of price, the offer of the agency shall be ignored & will not be further evaluated. If the agency emerges as the lowest (L1), then such tender shall also be cancelled and re-invited. EMD submitted by such agency shall be returned.
- 5.4.3.3 The existing contract (s)/ order (s) under execution shall continue.
- 5.4.3.4 Tenders invited for procurement of goods, works and services shall have provision that the bidder shall submit a undertaking to the effect that (i) neither the bidder themselves nor their allied agency/(ies) are on banning list of RAJASTHAN STATE/Rajasthan state Gas Limited or the Ministry of Petroleum and Natural GAS and (ii) bidder is not banned by any Government department/ Public Sector

- 6.0** While putting the Vendor/ Supplier/Contractor/ Consultant on holiday as per the procedure, the holding company, subsidiary, joint venture, sister concerns, group division of the errant Vendor/ Supplier/Contractor/ Consultant shall not be considered for putting on holiday list.

Any bidder, put on holiday, will not be allowed to bid through consortium route also in new tender during the period of holiday.

- 7.0** If an unsuccessful bidder makes any vexatious, frivolous or malicious complaint against the tender process with the intention of delaying or defeating any procurement or causing loss to Rajasthan state Gas Limited or any other bidder, such bidder will be put on holiday for a period of six months, if such complaint is proved to be vexatious, frivolous or malicious, after following the due procedure.

8.0 APPEAL AGAINST THE DECISION OF THE COMPETENT AUTHORITY:

- (a) The party may file an appeal against the order of the Competent Authority for putting the party on Holiday list. The appeal shall be filed to Appellate Authority. Such an appeal shall be preferred within one month from the of receipt of Holiday order.
- (b) Appellate Authority would consider the appeal and pass appropriate order which shall be communicated to the party as well as the Competent Authority.
- (c) Appeal process may be completed within 45 days of filing of appeal with the Appellate Authority.
- (d) “Appellate Authority” shall mean Committee of Directors.

9.0 ERRANT BIDDER

In case after price bid opening the lowest evaluated bidder (L1) is not awarded the job for any mistake committed by him in bidding or withdrawal of bid or modification of bid or varying any term in regard thereof leading to re- tendering, Rajasthan state Gas Limited shall forfeit EMD paid by the bidder and such bidders shall be debarred from participation in re- tendering of the same job(s)/item(s).

Further, such bidder will be put on holiday for a period of six months after following the due procedure.

- 10.0** In case CBEC (Central Board of Excise and Customs)/ any equivalent Central Government agency/ State Government agency brings to the notice of Rajasthan state Gas Limited that the Supplier of Goods / Services (Service Provider) has not remitted the amount towards GST (CGST & SGST/UTGST or IGST) collected from Rajasthan state Gas Limited to the government exchequer, then party will be put on holiday for a period of six months after following the due procedure.
-

Rajasthan state Gas Limited

PERFORMANCE RATING DATA SHEET (FOR PROJECTS/ CONSULTANCY JOBS)

- i) Project/Work Centre :
- ii) Order/ Contract No. & date :
- iii) Brief description of Items :
Works/Assignment
- iv) Order/Contract value (Rs.) :
- v) Name of Vendor/Supplier/ :
Contractor/ Consultant
- vi) Contracted delivery/ :
Completion Schedule
- vii) Actual delivery/ : Completion date

Performance Parameter	Delivery/ Completion Performance	Quality Performance	Reliability Performance#	Total
Maximum Marks	40	40	20	100
Marks Allocated				

Note:

Remarks (if any)

PERFORMANCE RATING (**)

Note :

(#) Vendor/Supplier/Contractor/Consultant who seek repeated financial assistance or deviation beyond contract payment term or seeking direct payment to the sub-vendor/sub-contractor due to financial constraints, then '0' marks should be allotted against Reliability Performance.

(*) Allocation of marks should be as per enclosed instructions (**)

Performance rating shall be classified as under :

Sl.No.	Range (Marks)	Rating
1	60 & below	POOR
2	61-75	FAIR
3	76-90	GOOD
4	More than 90	VERY GOOD

Signature of Authorised Signatory:

Name: Designation:

Instructions for allocation of marks

1. Marks are to be allocated as under :

1.1 DELIVERY/ COMPLETION PERFORMANCE 40 Marks

Delivery Completion Schedule	Period/ Delay in Weeks	Marks
a) Upto 3 months	Before CDD	40
	Delay upto 4 weeks	35
	" 8 weeks	30
	" 10 weeks	25
	" 12 weeks	20
	" 16 weeks	15
	More than 16 weeks	0
b) Above 3 months	Before CDD	40
	Delay upto 4 weeks	35
	" 8 weeks	30
	" 10 weeks	25
	" 16 weeks	20
	" 20 weeks	15
	" 24 weeks	10
	More than 24 weeks	0

1.2 QUALITY PERFORMANCE 40 Marks

For Normal Cases: No Defects/ No Deviation/ No failure: 40 marks

i) Rejection/Defects	Marks to be allocated on 10 marks pro rata basis for acceptable quantity as compared to total quantity for normal cases	
ii) When quality failure endanger system integration and safety of the system	Failure of severe nature - Moderate nature - low severe nature	0 marks 5 marks 10-25 marks
iii) Number of deviations	1. No deviation 2. No. of deviations < 2 3. No. of deviations > 2	5 marks 2 marks 0 marks

1.3 RELIABILITY PERFORMANCE

20 Marks

A.	FOR WORKS/CONTRACTS	
i)	Submission of order acceptance, agreement, PBG, Drawings and other documents within time	4 marks
ii)	Mobilization of resources as per Contract and in time	4 marks
iii)	Liquidation of Check-list points	4 marks
iv)	Compliance to statutory and HS&E requirements or Reliability of Estimates/Design/Drawing etc. in case of Consultancy jobs	4 marks
v)	Timely submission of estimates and other documents for Extra, Substituted & AHR items	4 marks
B.	FOR SUPPLIES	
i)	Submission of order acceptance, PBG, Drawings and other documents within time	5 marks
ii)	Attending complaints and requests for after sales service/ warranty repairs and/ or query/ advice (upto the evaluation	5 marks
iii)	Response to various correspondence and conformance to standards like ISO	5 marks
iv)	Submission of all required documents including Test Certificates at the time of supply	5 marks

Rajasthan state Gas Limited PERFORMANCE RATING DATA SHEET
(FOR O&M)

- i) Location :
- ii) Order/ Contract No. & date :
- iii) Brief description of Items :
Works/Assignment
- iv) Order/Contract value(Rs.) :
- v) Name of Vendor/Supplier/ Contractor/ Consultant :
- vi) Contracted delivery/ Completion Schedule :
- vii) Actual delivery/ : Completion date

Performance Parameter	Delivery Performance	Quality Performance	Reliability Performance#	Total
Maximum Marks	40	40	20	100
Marks Allocated (*)				

Remarks (if any)

PERFORMANCE RATING (**)

Note :

(#) Vendor/Supplier/Contractor/Consultant who seek repeated financial assistance or deviation beyond contract payment term or seeking direct payment to the sub-vendor/sub-contractor due to financial constraints, then '0' marks should be allotted against Reliability Performance

(*) Allocation of marks should be as per enclosed instructions (**)

Performance rating shall be classified as under :

Sl. No.	Range (Marks)	Rating
1	60 & below	POOR
2	61-75	FAIR
3	76-90	GOOD
4	More than 90	VERY GOOD

Signature of Authorised Signatory:

Name:

Designation:

Instructions for allocation of marks (For O&M)

1. Marks are to be allocated as under :

1.1 DELIVERY/ COMPLETION PERFORMANCE 40 Marks

Delivery Period/ Completion Schedule	Delay in Weeks	Marks
a) Upto 3 months	Before CDD	40
	Delay upto 4 weeks	35
	" 8 weeks	30
	" 10 weeks	25
	" 12 weeks	20
	" 16 weeks	15
	More than 16 weeks	0
b) Above 3 months	Before CDD	40
	Delay upto 4 weeks	35
	" 8 weeks	30
	" 10 weeks	25
	" 16 weeks	20
	" 20 weeks	15
	" 24 weeks	10
	More than 24 weeks	0

1.2 QUALITY PERFORMANCE 40 Marks

For Normal Cases : No Defects/ No Deviation/No failure: 40 marks

i) Rejection/Defects	Marks to be allocated on 10 marks Pro rata basis for acceptable quantity as compared to total quantity for normalcases	
ii) When quality failure endanger system integration and safety of the system	Failure of severe nature	0 marks
	- Moderate nature	5 marks
	- low severe nature	10-25 marks
iii) Number of deviations	1. No deviation	5 marks
	2. No. of deviations < 2	2 marks
	3. No. of deviations > 2	0 marks

1.3 RELIABILITY PERFORMANCE

20 Marks

A.	FOR WORKS/CONTRACTS	
i)	Submission of order acceptance, agreement, PBG, Drawings and other documents within time	4 marks
ii)	Mobilization of resources as per Contract and in time	4 marks
iii)	Liquidation of Check-list points	4 marks
iv)	Compliance to statutory and HS&E requirements or Reliability of Estimates/Design/Drawing etc. in case of Consultancy jobs	4 marks
v)	Timely submission of estimates and other documents for Extra, Substituted & AHR items	4 marks
B.	FOR SUPPLIES	
i)	Submission of order acceptance, PBG, Drawings and other documents within time	5 marks
ii)	Attending complaints and requests for after sales service/ warranty repairs and/ or query/ advice (upto the evaluation period).	5 marks
iii)	Response to various correspondence and conformance to standards like ISO	5 marks
iv)	Submission of all required documents including Test Certificates at the time of supply	5 marks

Annexure-IV

Forms & Format

LIST OF FORMS & FORMAT

Form No.	Description
F-1	BIDDER'S GENERAL INFORMATION
F-2	BID FORM
F-3	LIST OF ENCLOSURES
F-4	PROFORMA OF "BANK GUARANTEE" FOR "EARNEST MONEY / BID SECURITY"
F-4A	PROFORMA OF "LETTER OF CREDIT" FOR "EARNEST MONEY / BID SECURITY"
F-5	LETTER OF AUTHORITY
F-6	NO DEVIATION CONFIRMATION
F-7	DECLARATION REGARDING HOLIDAY/BANNING AND LIQUIDATION, COURT RECEIVERSHIP ETC.
F-8	CERTIFICATE FOR NON-INVOLVMENT OF GOVT. OF INDIA
F-9	PROFORMA OF "BANK GUARANTEE" FOR "CONTRACT PERFORMANCE SECURITY / SECURITY DEPOSIT"
F-10	AGREED TERMS & CONDITIONS
F-11	ACKNOWLEDGEMENT CUM CONSENT LETTER
F-12	UNDERTAKING ON LETTERHEAD
F-13	BIDDER'S EXPERIENCE
F-14	CHECK LIST
F-14A	CHECK LIST FOR QUOTED ITEMS
F-15	FORMAT FOR CERTIFICATE FROM BANK IF BIDDER'S WORKING CAPITAL IS INADEQUATE
F-16	FORMAT FOR CHARTERED ACCOUNTANT CERTIFICATE FOR FINANCIAL CAPABILITY OF THE BIDDER
F-17	BIDDER'S QUERIES FOR PRE BID MEETING
F-18	E-BANKING FORMAT
F-19	INDEMNITY BOND
F-20	FREQUENTLY ASKED QUESTIONS
F-21	DETAILS OF QUOTED PARTS

BIDDER'S GENERAL INFORMATION

To,
M/s Rajasthan state Gas Limited

Sub: Tender document for Hiring an Agency for Operations and Maintenance Services for City Gas Distribution Network of RSGL KOTA GA for One Year.

Tender no: RSGL/KOTA/C&P/O&M/2025-26/ NIT-12

1	Bidder's Name	
2	Status of Firm	Proprietorship Firm/Partnership firm/ Limited/Others If Others Specify: _____ [Enclose certificate of Registration]
3	Name of Proprietor/Partners/Directors of the firm/company	
4	Number of Years in Operation	
5	Address of Registered Office: *In case of Partnership firm, enclose letter mentioning current address of the firm and the full names and current addresses of all the partners of the firm.	City: District: State: PIN/ZIP:
6	Operation Address (if different from above)	City: District: State: PIN/ZIP:
7	Mobile Number	
8	E-mail address	
9	Website	
10	Fax Number:	(Country Code) (Area Code) (Telephone No.)
11	ISO Certification, if any	{If yes, please furnish details}
12	Bid Currency	INR



13	Banker's Name	
14	Branch	
15	Bank account number	
16	IFSC code	
17	PAN No.	[Enclose copy of PAN Card]
18	GST No.	[Enclose copy of GST Certificate]
19	We (Bidder) are cover under the definition of section 2 (n) of the MSMED Act	Yes / No <i>(If the response to the above is 'Yes", Bidder to provide Purchaser a copy of the Entrepreneurs Memorandum (EM) filled with the authority specified by the respective State Government.)</i>
20	a) Whether Micro/Small/Medium Enterprise	(Bidder to submit documents as specified in Clause 37 of ITB)
	b) If the MSE is owned by SC/ST Entrepreneurs, the bidder shall furnish appropriate documentary evidence in this regard.	
21	Type of Entity	Corporate/ Non-Corporate (As per CGST/SGST/UTGST Act). (In case of Non-Corporate Entity, bidder will submit documentary evidence for same).
22	Offer No.	

Place:

[Signature of Authorized Signatory of Bidder]

Date:

Name:

Designation:

Seal:

E-2
BID FORM

To,

M/s. Rajasthan state Gas Limited

Sub: Tender document for Hiring an Agency for Operations and Maintenance Services for City Gas Distribution Network of RSGL KOTA GA for One Year.

Tender no: Tender no: RSGL/KOTA/C&P/O&M/2025-26/ NIT-12

Dear Sir,

After examining / reviewing the Bidding Documents for the tender of
“ _____ including
"Specifications & Scope of Work", "General Conditions of Contract [GCC]", "Special
Conditions of Contract [SCC]" and "Schedule of Rates [SOR]", etc. the receipt of which is
hereby duly acknowledged, we, the undersigned, are pleased to offer to execute the whole part
of the job and in conformity with the said Bid Documents, including Addenda / Corrigenda
Nos. _____.

We confirm that this Bid is valid for a period as specified in BDS from the date of opening of
"Techno-Commercial / Un-priced Bid", and it shall remain binding upon us and may be
accepted by any time before the expiry of that period.

If our Bid is accepted, we will provide the "Contract Performance Security / Security Deposit"
equal to " _____ of the Contract Price" or as mentioned in Tender Document
for the due performance within "thirty [30] days" of such Award.

Until a final Agreement/Letter of Award is prepared and executed, the tender document
(including addenda/ corrigenda) together with the "Notification of Award" shall constitute a
binding Agreement between us.

We understand that Bidding Document is not exhaustive and any action and activity not
mentioned in Bidding Documents but may be inferred to be included to meet the intend of the
Bidding Documents shall be deemed to be mentioned in Bidding Documents unless otherwise
specifically excluded and we confirm to perform for fulfillment of Agreement and
completeness of the Work in all respects within the time frame and agreed price.

We understand that you are not bound to accept the lowest priced or any Bid that you may
receive.

Place:

[Signature of Authorized Signatory of Bidder]

Date:

Name:

Designation:

Seal:

F-3

LIST OF ENCLOSURES

To,

M/s Rajasthan state Gas Limited

Sub: Tender document for Hiring an Agency for Operations and Maintenance Services for City Gas Distribution Network of RSGL KOTA GA for One Year.

Tender no: Tender no: RSGL/KOTA/C&P/O&M/2025-26/ NIT-12

Dear Sir,

We are enclosing the following documents as part of the bid:

1. Power of Attorney of the signatory to the Bidding Document.
2. Document showing annual turnover for the last three years such as annual reports, profit and loss account, net worth etc. along with information as sought in enclosed format F-16
3. Document showing Financial Situation Information as sought in enclosed format F-16
4. Copy of Bidding Documents along with addendum/corrigendum duly signed and sealed on each page, in token of confirmation that Bid Documents are considered in full while preparing the bid and in case of award, work will be executed in accordance with the provisions detailed in Bid Documents.
5. Documentary Evidences showing the Bidder's claim of meeting Technical Criteria as mentioned in Section 1.1 (A) of ITB.
6. Bid Security/EMD * **[Submission of Original is not applicable for online banking transaction]**
7. Power of Attorney*
8. Duly certified document from chartered engineer and or chartered accountant.

Place:

Date:

[Signature of Authorized Signatory of Bidder]

Name:

Designation:

Seal:

F-4

PROFORMA OF "BANK GUARANTEE" FOR "EARNEST MONEY / BID SECURITY"

(To be stamped in accordance with the Rajasthan Stamp Act)

Ref.....

Bank Guarantee No.....

Date.....

To,

M/s Rajasthan state Gas Limited

Sub: Tender document for Hiring an Agency for Operations and Maintenance Services for City Gas Distribution Network of RSGL KOTA GA for One Year.

Tender no: RSGL/KOTA/C&P/O&M/2025-26/ NIT-12

Dear Sir(s),

In accordance with Letter Inviting Tender under your reference No _____ M/s.

_____ having their Registered / Head Office at _____ (hereinafter called the Tenderer), wish to participate in the said tender for _____

As an irrevocable Bank Guarantee against Earnest Money for the amount of _____ is required to be submitted by the Tenderer as a condition precedent for participation in the said tender which amount is liable to be forfeited on the happening of any contingencies mentioned in the Tender Document.

We, _____ the _____ Bank at _____ having our _____ Head Office _____ (Local Address) guarantee

and undertake to pay immediately on demand without any recourse to the tenderers by Rajasthan state Gas Limited

Ltd., the amount _____ without any reservation, protest, demur and recourse. Any such demand made by Rajasthan state Gas Limited, shall be conclusive and binding on us irrespective of any dispute or difference raised by the Tenderer.

This guarantee shall be irrevocable and shall remain valid up to _____ [this date should be two (02) months beyond the validity of the bid]. If any further extension of this guarantee is required, the same shall be extended to such required period on receiving instructions from M/s.

_____ whose behalf this guarantee is issued.



In witness whereof the Bank, through its authorized officer, has set its hand and stamp on this _____ day of _____ 20__ at _____.

WITNESS:

(SIGNATURE)
(NAME)

(SIGNATURE)
(NAME)

Designation with Bank Stamp

(OFFICIAL ADDRESS)

Attorney as per
Power of Attorney No. _____
Date: _____

**INSTRUCTIONS FOR FURNISHING "BID SECURITY / EARNEST MONEY" BY
"BANK GUARANTEE"**

- 1.0 The Bank Guarantee by successful Bidder(s) will be given on non-judicial stamp paper as per the Rajasthan Stamp duty Act,. The non-judicial stamp paper should be in name of the issuing bank.
- 2.0 The expiry date should be arrived at in accordance with "ITB: Clause-15.1 and 16.3".
- 3.0 The Bank Guarantee by bidders will be given from Bank as specified in "ITB".
- 4.0 A letter (preferably digitally/Manually signed secured e-mail) from the issuing bank of the requisite Bank Guarantee confirming that said bank guarantee and future communication relating to the Bank Guarantee may be forwarded to Employer
- 5.0 Bidders must indicate the full postal address of the Bank along with the Bank's E-mail / Fax / Phone from where the Earnest Money Bond has been issued.
- 6.0 If a Bank Guarantee is issued by a commercial Bank, then a letter to Employer confirming its net worth is more than Rs. 1,000,000,000.00 [Rupees One Hundred Crores] or equivalent along with documentary evidence.

PROFORMA OF "LETTER OF CREDIT" FOR "EARNEST MONEY / BID SECURITY"

To,

M/s Rajasthan state Gas Limited

Sub: Tender document for Hiring an Agency for Operations and Maintenance Services for City Gas Distribution Network of RSGL KOTA GA for One Year.

Tender no: RSGL/KOTA/C&P/O&M/2025-26/ NIT-12

Irrevocable and confirmed Letter of Credit No.....Amount: Rs.

Validity of this Irrevocable..... (in India)

Letter of Credit (2 months beyond validity of Offer)

Dear Sir,

1. You are hereby authorized to draw on (Name of Applicant with full address) for a sum not exceeding available by your demand letter (draft) on them at sight drawn for Rs accompanied by a certificate by Rajasthan state Gas Limited, with the Tender No. duly incorporated therein, that one or more of the following conditions has/have occurred, specifying the occurred condition(s):
 - (i) The Bidder withdraws its Bid during the period of Bid validity or any extension thereof duly agreed by the Bidder.
 - (ii) The Bidder varies or modifies its Bid in a manner not acceptable to Rajasthan state Gas Limited during the period of bid validity or any extension thereof duly agreed by the Bidder.
 - (iii) The Bidder, having been notified of the acceptance of its Bids,
 - (a) Fails or refuses to execute the Supply Order/Contract
 - (b) Fails or refuses to furnish the Contract Performance Guarantee within 30 days before expiry of Bid Security.
 - (c) Fails to accept arithmetic corrections as per tender conditions.
 2. This Irrevocable Letter of Credit has been established towards Bid Security Tender No for..... (Item)
 3. We hereby guarantee to protect the Drawers, Endorsers and bonafide holders from any consequences, which may arise in the event of the non-acceptance or non-payment of Demand Letter (draft) in accordance with the terms of this credit.
 4. This Credit is issued subject to the Uniform Customs and Practices for Documentary
-



Credits (1993 Revised) International Chamber of Commerce brochure No. 500.

5. Please obtain reimbursement as under:
6. All foreign as well as Indian bank charges will be on the account of M/s.
..... (Applicant)

FOR

Authorized Signature
(Original Bank)

Counter Signature

LETTER OF AUTHORITY

[Pro forma for Letter of Authority for Attending Subsequent 'Negotiations' / 'Pre-Bid Meetings'
/'Un-priced Bid Opening' / 'Price Bid Opening']

Ref:

Date:

To,
M/s Rajasthan state Gas Limited

Sub: Tender document for Hiring an Agency for Operations and Maintenance Services for City Gas
Distribution Network of RSGL KOTA GA for One Year.

Tender no: RSGL/KOTA/C&P/O&M/2025-26/ NIT-12

Dear Sir,

I/We, _____ hereby authorize the following
representative(s) for attending any 'Negotiations' / 'Meetings [Pre-Bid Meeting]', 'Un-priced Bid
Opening', 'Price Bid Opening' and for any subsequent correspondence / communication against the
above Bidding Documents:

[1] Name & Designation _____ Signature _____
Phone/Cell: _____
Fax: _____
E-mail: @

[2] Name & Designation _____ Signature _____
Phone/Cell: _____
Fax: _____
E-mail: @

We confirm that we shall be bound by all commitments made by aforementioned authorised
representative(s).

Place:

[Signature of Authorized Signatory of Bidder]

Date:

Name:

Designation:

Seal:



RAJASTHAN STATE GAS LIMITED
राजस्थान राज्य गैस लिमिटेड

Note: This "Letter of Authority" should be on the **"letterhead"** of the Firm / Bidder and should be signed by a person competent and having the 'Power of Attorney' to bind the Bidder. Not more than 'two [02] persons per Bidder' are permitted to attend "Techno-commercial / Un-priced" & "Price Bid" Openings. Bidders authorized representative is required to carry a copy of this authority letter while attending the un-priced and priced bid opening, the same shall be submitted to Rajasthan state Gas Limited.

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"NO DEVIATION" CONFIRMATION

To,

M/s Rajasthan state Gas Limited

Sub: Sub: Tender document for Hiring an Agency for Operations and Maintenance Services for City Gas Distribution Network of RSGL KOTA GA for One Year.

Tender no: RSGL/KOTA/C&P/O&M/2025-26/ NIT-12

Dear Sir,

We understand that any 'deviation / exception' in any form may result in rejection of Bid. We, therefore, certify that we have not taken any 'exception / deviation' anywhere in the Bid and we agree that if any 'deviation / exception' is mentioned or noticed, our Bid may be rejected.

Place:

[Signature of Authorized Signatory of Bidder]

Date:

Name:

Designation:

Seal:

E-7

**DECLARATION REGARDING HOLIDAY/BANNING AND LIQUIDATION,
COURT RECEIVERSHIP**

To,

M/s. Rajasthan state Gas Limited

Sub: Tender document for Hiring an Agency for Operations and Maintenance Services for City Gas Distribution Network of RSGL KOTA GA for One Year.

Tender no: RSGL/KOTA/C&P/O&M/2025-26/ NIT-12

Dear Sir,

We hereby confirm that we are not on 'blacklisted/ banned/put on Holiday list by M/s GAIL India Limited/M/s GAIL Gas Limited/M/s Rajasthan State Gas limited due to "poor performance" or "corrupt and fraudulent practices") or banned by Government department/ Public Sector on due date of submission of bid.

Further, we confirm that neither we nor our allied agency/(ies) (as defined in the Procedure for Action in case of Corrupt/ Fraudulent/ Collusive/ Coercive Practices) are on banning list of Rajasthan state Gas Limited or the Ministry of Petroleum and Natural GAS.

We also confirm that we are not under any liquidation, court receivership or similar proceedings or 'bankruptcy'.

In case it comes to the notice of Rajasthan state Gas Limited that the bidder has given wrong declaration in this regard, the same shall be dealt as 'fraudulent practices' and action shall be initiated as per the Procedure for action in case of Corrupt/Fraudulent/Collusive/Coercive Practices.

Further, we also confirm that in case there is any change in status of the declaration prior to award of contract, the same will be promptly informed to Rajasthan state Gas Limited by us.

Place: [Signature of Authorized Signatory of Bidder]

Date: Name:

Designation:

Seal:

F-8

CERTIFICATE FOR NON-INVOLVMENT OF GOVT. OF INDIA

To,

M/s Rajasthan state Gas Limited

Sub: Sub: Tender document for Hiring an Agency for Operations and Maintenance Services for City Gas Distribution Network of RSGL KOTA GA for One Year.

Tender no: RSGL/KOTA/C&P/O&M/2025-26/ NIT-12

Dear Sir,

If we become a successful Bidder and pursuant to the provisions of the Bidding Documents, award
is given to us for the tender for “
_____, the following Certificate
shall be automatically enforceable:

"We agree and acknowledge that the Employer is entering into the Agreement solely on its own behalf and not on behalf of any other person or entity. In particular, it is expressly understood & agreed that the Government of India is not a party to the Agreement and has no liabilities, obligations or rights thereunder. It is expressly understood and agreed that the Employer is authorized to enter into Agreement, solely on its own behalf under the applicable laws of India. We expressly agree, acknowledge and understand that the Employer is not an agent, representative or delegate of the Government of India. It is further understood and agreed that the Government of India is not and shall not be liable for any acts, omissions, commissions, breaches or other wrongs arising out of the Agreement. Accordingly, we hereby expressly waive, release and forego any and all actions or claims, including cross claims, VIP claims or counter claims against the Government of India arising out of the Agreement and covenants not to sue to Government of India as to any manner, claim, cause of action or things whatsoever arising of or under the Agreement."

Place:	[Signature of Authorized Signatory of Bidder]
Date:	Name:
	Designation:
	Seal:



**PROFORMA OF "BANK GUARANTEE" FOR "CONTRACT PERFORMANCE
GUARANTEE / SECURITY DEPOSIT"**

**(ON NON-JUDICIAL STAMP PAPER OF APPROPRIATE VALUE AS PER
RAJASTHAN STAMP DUTY ACT)**

To,

M/s Rajasthan state Gas Limited

Performance Guarantee No.

Dear Sir(s),

M/s. _____ having registered office at _____ (herein after called the "contractor/supplier" which expression shall wherever the context so require include its successors and assignees) have been placed/ awarded the job/work of _____ vide PO/LOA /FOA No. _____ dated _____ for RAJASTHAN STATE GAS Limited corporate and registered office at Rajasthan State Gas Ltd., Room no. 303, Khaniz Bhawan, Tilak Marg, C-Scheme, Jaipur - 302005 (herein after called the "Rajasthan state Gas Limited" which expression shall wherever the context so require include its successors and assignees).

The Contract conditions provide that the SUPPLIER/CONTRACTOR shall pay a sum of Rs. _____ (Rupees _____) as full Contract Performance Guarantee in the form therein mentioned. The form of payment of Contract Performance Guarantee includes guarantee executed by Nationalized Bank/Scheduled Commercial Bank, undertaking full responsibility to indemnify Rajasthan state Gas Limited, in case of default.

The said M/s. _____ has approached us and at their request and in consideration of the premises we having our office at _____ have agreed to give such guarantee as hereinafter mentioned.

- 1 We _____ hereby undertake to give the irrevocable & unconditional guarantee to you that if default shall be made by M/s. _____ in performing any of the terms and conditions of the tender/order/contract or in payment of any money payable to Rajasthan state Gas Limited we shall on first demand pay without demur, contest, protest and/ or without any recourse to the supplier / contractor to Rajasthan state Gas Limited in such manner as Rajasthan state Gas Limited may direct the said amount of Rupees _____ only or such portion thereof not exceeding the said sum as you may require from time to time.
- 2 You will have the full liberty without reference to us and without affecting this guarantee, postpone for any time or from time to time the exercise of any of the powers and rights conferred on you under the order/contract with the said
- 3 M/s. _____ and to enforce or to forbear from endorsing any powers or rights or by reason of time being given to the said M/s. _____ and such postponement forbearance would not have the effect of releasing the bank from its obligation under this debt.

- 4 Your right to recover the said sum of Rs. _____
(Rupees _____) from us in manner aforesaid is absolute & unequivocal and will not be affected or suspended by reason of the fact that any dispute or disputes have been raised by the said M/s. _____ and/or that any dispute or disputes are pending before any officer, tribunal or court or arbitrator or any other authority/forum and any demand made by you in the bank shall be conclusive and binding. The bank shall not be released of its obligations under these presents by any exercise by you of its liberty with reference to matter aforesaid or any of their or by reason or any other act of omission or commission on your part or any other indulgence shown by you or by any other matter or changed what so ever which under law would, but for this provision, have the effect of releasing the bank.
- 5 The guarantee herein contained shall not be determined or affected by the liquidation or winding up dissolution or changes of constitution or insolvency of the said supplier/contractor but shall in all respects and for all purposes be binding and operative until payment of all money due to you in respect of such liabilities is paid.
- 6 This guarantee shall be irrevocable and shall remain valid upto _____ (this date should be 90 days after the expiry of defect liability period/ Guarantee period) _____. The bank undertakes not to revoke this guarantee during its currency without your previous consent and further agrees that the guarantee shall continue to be enforceable until it is discharged by Rajasthan state Gas Limited in writing. However, if for any reason, the supplier/contractor is unable to complete the supply/work within the period stipulated in the order/contract and in case of extension of the date of delivery/completion resulting extension of defect liability period/guarantee period of the supplier/contractor fails to perform the supply/work fully, the bank hereby agrees to further extend this guarantee at the instance of the supplier/contractor till such time as may be determined by Rajasthan state Gas Limited. If any further extension of this guarantee is required, the same shall be extended to such required period on receiving
instruction from _____ M/s.
_____ (supplier / contractor) on
whose behalf this guarantee is issued.
- 7 Bank also agrees that Rajasthan state Gas Limited at its option shall be entitled to enforce this Guarantee against the bank (as principal debtor) in the first instant, without proceeding against the supplier/contractor and notwithstanding any security or other guarantee that Rajasthan state Gas Limited may have in relation to the supplier's/ contractor's liabilities.
- 8 The amount under the Bank Guarantee is payable forthwith without any delay by Bank upon the written demand raised by Rajasthan state Gas Limited. Any dispute arising out of or in relation to the said Bank Guarantee shall be subject to the exclusive jurisdiction of courts at Jaipur/Kota
- 9 Therefore, we hereby affirm that we are guarantors and responsible to you on behalf of the Supplier/Contractor up to a total amount of _____ (amount of guarantees in words and figures) and we undertake to pay you, upon your first written demand declaring the Supplier/Contractor to be in default under the order/contract and without caveat or argument, any sum or sums within the limits of (amounts of guarantee) as aforesaid, without your



needing to prove or show grounds or reasons for your demand or the sum specified therein.

We have power to issue this guarantee in your favor under Memorandum and Articles of Association and the undersigned has full power to do under the Power of Attorney, dated _____ granted to him by the Bank.

Yours faithfully,

Bank by its Constituted Attorney

Signature of a person duly
Authorized to sign on behalf of the
Bank

INSTRUCTIONS FOR FURNISHING

"CONTRACT PERFORMANCE GUARANTEE / SECURITY DEPOSIT" BY "BANK GUARANTEE"

- 1 The Bank Guarantee by successful Bidder(s) will be given on non-judicial stamp paper as per 'stamp duty' applicable. The non-judicial stamp paper should be in name of the issuing bank. In case of foreign bank, the said Bank Guarantee to be issued by its correspondent bank in India on requisite non- judicial stamp paper and place of Bid to be considered as Jaipur
- 2 The Bank Guarantee by Bidders will be given from bank as specified in Tender.
- 3 A letter (preferably digitally/manually signed secured e-mail) from the issuing bank of the requisite Bank Guarantee confirming that said bank guarantee and future communication relating to the Bank Guarantee may be forwarded to Employer
- 4 Bidder must indicate the full postal address of the Bank along with the Bank's E-mail / Fax / Phone from where the Bank Guarantee has been issued
- 5 If a Bank Guarantee is issued by a commercial bank, then a letter to Employer and copy to Consultant (if applicable) confirming its net worth is more than Rs. 100,00,00,000.00 [Rupees One Hundred Crores] or its equivalent in foreign currency along with documentary evidence.
- 6 Bidder can submit CPBG on line through issuing bank to Rajasthan state Gas Limited directly as per Ministry of Finance (MOF) Department of financial service direction vide letter ref number F.No.7/112/2011-BOA dated 17th July 2012. In such cases confirmation will not be sought from issuing banker by Rajasthan state Gas Limited.

AGREED TERMS & CONDITIONS

To,

M/s Rajasthan state Gas Limited

Sub: Sub: Tender document for Hiring an Agency for Operations and Maintenance Services for City Gas Distribution Network of RSGL KOTA GA for One Year.

Tender no: RSGL/KOTA/C&P/O&M/2025-26/ NIT-12

This Questionnaire duly filled in, signed & stamped must form part of Bidder's Bid and should be returned along with Un-priced Bid. Clauses confirmed hereunder need not be repeated in the Bid.

Sl.	DESCRIPTION	BIDDER'S CONFIRMATION
1	Bidder's name and address	
2	Confirm quoted prices will remain firm and fixed till complete execution of the order.	
3	Rate of applicable GST (CGST & SGST/ UTGST or IGST)	CGST..... % Plus SGST/UTGST..... % Total.....% Or IGST%
3.1	Whether in the instant tender services/works are covered in reverse charge rule of GST (CGST & SGST/UTGST or IGST)	Yes/ No In case of Yes, please specify GST (CGST & SGST/UTGST or IGST) payable by: Rajasthan state Gas Limited % Bidder %
3.2	Service Accounting Codes (SAC)/ Harmonized System of Nomenclature (HSN)	
3.3	We hereby confirm that the quoted prices is in compliance with the Section 171 of CGST Act/ SGST Act as mentioned as clause no. 13.10 of ITB	
4	i) Confirm acceptance of relevant Terms of Payment specified in the Bid Document. ii) In case of delay, the bills shall be submitted after deducting the price reduction due to delay.	



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Sl.	DESCRIPTION	BIDDER'S CONFIRMATI
5	Confirm that Contract Performance Security will be furnished as per Bid Document.	
6	Confirm that Contract Performance Security shall be from any Indian scheduled bank or a branch of an International bank situated in India and registered with Reserve bank of India as scheduled foreign bank. However, in case of bank guarantees from banks other than the Nationalised Indian banks, the bank must be a commercial bank having net worth in excess of Rs 100 crores or its equivalent in foreign currency and a declaration to this effect shall be made by such commercial bank either in the Bank Guarantee itself or separately on its letterhead.	
7	Confirm compliance to Completion Schedule as specified in Bid document. Confirm contract period shall be reckoned from the date of Fax of Acceptance.	
8	Confirm acceptance of Price Reduction Schedule for delay in completion schedule specified in Bid document.	
9	a) Confirm acceptance of all terms and conditions of Bid Document (all sections). b) Confirm that printed terms and conditions of bidder are not applicable.	
10	Confirm your offer is valid for period specified in BDS from Final/Extended due date of opening of Techno- commercial Bids.	
11	Please furnish EMD/Bid Security details : a) EMD/ Bid Security No. &date b) Value c) Validity	
12	Confirm acceptance to all provisions of ITB read in conjunction with Bid Data Sheet (BDS).	
13	Confirm that Annual Reports for the last three financial years are furnished along with the Un-priced Bid.	
14	Confirm that, in case of contradiction between the confirmations provided in this format and terms & conditions mentioned elsewhere in the offer, the confirmations given in this format shall prevail.	

Sl.	DESCRIPTION	BIDDER'S CONFIRMATI
15	Confirm the none of Directors of bidder is a relative of any Director of Owner or the bidder is a firm in which any Director of Owner/ Rajasthan state Gas Limited or his relative is a partner.	
16	All correspondence must be in ENGLISH language only.	
17	Owner reserves the right to make any change in the terms & conditions of the TENDER/BIDDING DOCUMENT and to reject any or all bids.	
18	Confirm that all Bank charges associated with Bidder's Bank shall be borne by Bidder.	
19	Confirm that you have not been banned or de-listed by any Government or Quasi-Government agencies or Public Sector Undertakings. If you have been banned or de-listed by any Government or Quasi-Government agency or Public Sector Undertakings, then this fact must be clearly stated. If this declaration is not furnished bid shall be treated as non-responsive and liable for rejection. * It shall be the sole responsibility of the bidder to inform Rajasthan state Gas Limited about the changes that may occur in the stated declaration during the course of finalization of the tender.	
20	Confirm that any correction in documents submitted in the Un-priced part has been initialed and with signatures of the authorized person	CONFIRMED
21	Please confirm whether you are MSE and if so then you have submitted Documentary evidence that you are a Micro or Small Enterprises registered with District Industries Centers or Khadi and Village Industries Commission or Khadi and Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts and Handloom or any other body specified by Ministry of Micro, Small and Medium Enterprises.	
22	Confirm that all documents submitted with bid against the subject tender are true and genuine and in case of any discrepancy noticed or observed at any stage, bidder shall be personally responsible not only for the damages or loss to Rajasthan state Gas Limited, but also for criminal proceedings under the relevant laws.	CONFIRMED
23	Confirm that scanned copy of the EMD / Bid Bond has been submitted	CONFIRMED



Sl.	DESCRIPTION	BIDDER'S CONFIRMATI
24	Confirm that no Price disclosing files have been attached with unpriced/ technical bid. *In case price disclosing files are attached in techno-commercial unpriced bid area, bid will be summarily rejected as per clause 19.0 of ITB.	CONFIRMED
25	Confirm that bid documents are considered in full while preparing the bid and in case of award, work will be executed in accordance with the provisions detailed in bid document.	CONFIRMED

Place:

[Signature of Authorized Signatory of Bidder]

Date:

Name:

Designation:

Seal:

F-11

ACKNOWLEDGEMENT CUM CONSENT LETTER

(On receipt of tender document/information regarding the tender, Bidder shall acknowledge the receipt and confirm his intention to bid or reason for non- participation against the enquiry /tender through e-mail/fax to concerned executive in Rajasthan state Gas Limited issued the tender, by filling up the Format)

To,

M/s Rajasthan state Gas Limited

Sub: Sub: Tender document for Hiring an Agency for Operations and Maintenance Services for City Gas Distribution Network of RSGL KOTA GA for One Year.

Tender no: RSGL/KOTA/C&P/O&M/2025-26/ NIT-12

Dear Sir,

We hereby acknowledge receipt of a complete set of bidding document along with enclosures for subject item/job and/or the information regarding the subject tender.

- We intend to bid as requested for the subject item/job and furnish following details with respect to our quoting office:

Postal Address with Pin Code:

Telephone Number :

Fax Number :

Contact Person :

E-mail Address :

Mobile No. :

Date :

Seal/Stamp :

- We are unable to bid for the reason given below:
Reasons for non-submission of bid:
-

Agency's Name :

Signature :

Name :

Designation :

Date :

Seal/Stamp :

E-12
UNDERTAKING ON LETTERHEAD

To,

M/s. Rajasthan state Gas Limited

Sub: Sub: Tender document for Hiring an Agency for Operations and Maintenance Services for City Gas Distribution Network of RSGL KOTA GA for One Year.

Tender no: RSGL/KOTA/C&P/O&M/2025-26/ NIT-12

Dear Sir

We hereby confirm that “The contents of this Tender Document No. _____ have not been modified or altered by M/s.(Name of the bidder with complete address). In case, it is found that the tender document has been modified / altered by the bidder, the bid submitted by M/s(Name of the bidder) shall be liable for rejection”.

Place:

[Signature of Authorized Signatory of Bidder]

Date:

Name:

Designation:

Seal:



F-13
BIDDER'S EXPERIENCE

To,

M/s. Rajasthan state Gas
Limited

Sub: Tender document for Hiring an Agency for Operations and Maintenance Services for City Gas
Distribution Network of RSGL KOTA GA for One Year.

Tender no: RSGL/KOTA/C&P/O&M/2025-26/ NIT-12

Sl. No	Descripti on of the Services	LOA /WO No. and date	Full Address & Postal & phone nos. of Client. <i>Name, designation and address of Engineer/ Officer-in- Charge (for cases other than purchase)</i>	Value of Contract/ Order (Specify Currency Amount)	Date of Commence ment of Services	Scheduled Completion Time (Mon ths)	Date of Actual Comple tion	Reasons for delay in execution , if any
(1)	(2)	(3)	(5)	(6)	(7)	(8)	(9)	(10)

Place:

Date:

[Signature of Authorized Signatory of Bidder]

Name:

Designation:

Seal:

F-14
CHECK LIST

Bidders are requested to duly fill in the checklist. This checklist gives only certain important items to facilitate the bidder to make sure that the necessary data/information as called for in the bid document has been submitted by them along with their offer. This, however, does not relieve the bidder of his responsibilities to make sure that his offer is otherwise complete in all respects.

Please ensure compliance and tick (√) against following points:

S. No.	DESCRIPTION	CHECK BOX	REFERENCE PAGE NO. OF THE BID SUBMITTED
1.0	Manually Signing offer, original bidding document including SCC, ITB, GCC, SOR drawings, addendum (if any)		
2.0	Confirm that the following details have been submitted in the Un-priced part of the bid		
i	Covering Letter, Letter of Submission		
ii	Bid Security		
iii	Signed and stamped original copy of bidding document along with drawings and addendum (if any)		
iv	Power of Attorney in the name of person signing the bid.		
v	Copies of documents defining constitution or legal status, place of registration and principal place of business of the company		
vi	Bidders declaration that regarding, Holiday/ Banning, liquidation court receivership or similar proceedings		
vii	Details and documentary proof required against qualification criteria along with complete documents establishing ownership of equipment as per SCC are enclosed		



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viii	Confirm submission of document along with unpriced bid as per bid requirement.		
3.0	Confirm that all forms duly filled in are enclosed with the bid duly signed by authorized person(s)		
i	Confirm that no Price disclosing files have been attached with unpriced/ technical bid		
4.0	Confirm that proper page nos. have been given in sequential way in all the documents submitted along with your offer with Index.		
5.0	Confirmation that no deviations are taken against commercial and technical specifications of the bid document.		
6.0	Confirm that the price part of bid as per Price Schedule format enclosed with Bidding Document has been duly filled in for each item, signed on each page separately		
7.0	Confirm that annual reports for last three financial years & duly filled in Form 14 are enclosed in the offer for financial assessment (where financial criteria of BEC is applicable).		

Place:

Date:

[Signature of Authorized Signatory of Bidder]

Name:

Designation:

Seal:

F-14A

CHECK LIST FOR QUOTED ITEMS

ITEM CATEGORY	SOR ITEM DESCRIPTION	QUOTED / NOT QUOTED
1	PE Pipe laying including last mile connectivity at consumer end for city gas distribution project at Kota as per SOR and tender document ref. no. RSGL/KOTA/C&P/PROJ/N IT-10	

F-15

**FORMAT FOR CERTIFICATE FROM BANK IF BIDDER'S WORKING CAPITAL IS
INADEQUATE**

(To be provided on Bank's letter head)

Date:

Bidder's Name: _____

Tender No.: _____

To

Rajasthan state Gas Limited

This is to certify that M/s..... (name of the bidder with address)
(hereinafter referred to as Customer) is an existing customer of our Bank.

The Customer has informed that they wish to bid for RAJASTHAN STATE GAS's
RFQ/Tender no.

..... dated for.....(Name
of the supply) and as per the terms of the said RFQ/Tender they have to furnish a certificate from
their Bank confirming the availability of line of credit.

Accordingly M/s (name of the Bank with address) confirms availability
of line of credit to M/s (name of the bidder) for at least an amount of Rs.
_____/ USD _____.

It is also confirmed that the net worth of the Bank is more than Rs. 100 Crores and the undersigned
is authorized to issue this certificate.

Yours Truly,

For _____

(Authorized Signatory)

Name of the Signatory:

Designation:

Registration No.

Stamp of Bank

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FORMAT FOR CHARTERED ACCOUNTANT CERTIFICATE/ CERTIFIED PUBLIC ACCOUNTANT (CPA) FOR FINANCIAL CAPABILITY OF THE BIDDER

We have verified the Audited Financial Statements and other relevant records of M/s(Name of the bidder) and certify the following:

A. AUDITED ANNUAL TURNOVER* OF LAST 3 YEARS:

Year	Amount (Currency)
Year 1:	
Year 2:	
Year 3:	

B. NETWORTH* AS PER LAST AUDITED FINANCIAL STATEMENT:

Description	Year _____
	Amount (Currency)
1. Net Worth	

C. WORKING CAPITAL* AS PER LAST AUDITED FINANCIAL STATEMENT :

Description	Year _____
	Amount (Currency)
1. Current Assets	
2. Current Liabilities	
3. Working Capital (Current Assets-Current liabilities)	

****Refer Instructions***

Note: It is further certified that the above mentioned applicable figures are matching with the returns filed with Registrar of Companies (ROC) [Applicable only in case of Indian Companies]

Name of Audit Firm:
 Chartered Accountant/CPA
 Date:

[Signature of Authorized Signatory]
 Name:
 Designation:
 Seal:
 Membership No.:

Instructions:

1. The Separate Pro-forma shall be used for each member in case of JV/ Consortium.
2. The financial year would be the same as one normally followed by the bidder for its Annual Report.
3. The bidder shall provide the audited annual financial statements as required for this Tender document. Failure to do so would result in the Proposal being considered as non-responsive.
4. For the purpose of this Tender document:
 - (i) **Annual Turnover** shall be “Sale Value/ Operating Income”
 - (ii) **Working Capital** shall be “Current Assets less Current liabilities” and
 - (iii) **Net Worth** shall be Paid up share capital plus Free Reserves & Surplus less accumulated losses, deferred expenditure and miscellaneous expenditure not written off, if any.
5. Above figures shall be calculated after considering the qualification, if any, made by the statutory auditor on the audited financial statements of the bidder including quantified financial implication.
6. This certificate is to be submitted on the letter head of Chartered Accountant/CPA.

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BIDDER'S QUERIES FOR PRE BID MEETING

To,
M/s Rajasthan state Gas Limited

Sub: Sub: Sub: Tender document for Hiring an Agency for Operations and Maintenance Services for City Gas Distribution Network of RSGL KOTA GA for One Year.

Tender no: RSGL/KOTA/C&P/O&M/2025-26/ NIT-12

SL. NO.	REFERENCE OF BIDDING DOCUMENT				BIDDER'S QUERY	Rajasthan state Gas Limited's REPLY
	Sec. No.	Page No.	Clause No.	Subject		

NOTE: The Pre-Bid Queries may be sent by fax / e-mail before due date for receipt of Bidder's queries in terms of Clause No. 8.1 of ITB.

Place:

[Signature of Authorized Signatory of Bidder]

Date:

Name:

Designation:

Seal:

E-18
E-Banking Mandate Form

(To be issued on vendors letter head)

1. Vendor/customer Name :
2. Vendor/customer Code:
3. Vendor /customer Address:
4. Vendor/customer e-mail id:
5. Particulars of bank account
 - a) Name of Bank
 - b) Name of branch
 - c) Branch code:
 - d) Address:
 - e) Telephone number:
 - f) Type of account (current/saving etc.)
 - g) Account Number:
 - h) RTGS IFSC code of the bank branch
 - i) NEFT IFSC code of the bank branch
 - j) 9 digit MICR code

I/We hereby authorize Rajasthan state Gas Limited to release any amount due to me/us in the bank account as mentioned above. I/We hereby declare that the particulars given above are correct and complete. If the transaction is delayed or lost because of incomplete or incorrect information, we would not hold the Rajasthan state Gas Limited responsible.

(Signature of vendor/customer)

BANK CERTIFICATE

We certify that ----- has an Account no -----with us and we confirm that the details given above are correct as per our records.

Bank stamp

Date

(Signature of authorized officer of bank)

INDEMNITY BOND

WHEREAS Rajasthan state Gas Limited Ltd. (hereinafter referred to as “**Rajasthan state Gas Limited**”) which expression shall, unless repugnant to the context include its successors and assigns, having its corporate and registered office at Room No. 303, Khaniz Bhawan, Tilak Marg, C- scheme Jaipur has entered into a contract with M/s*..... (hereinafter referred to as the “**Contractor**”) which expression shall unless repugnant to the context include its representatives, successors and assigns, having its registered office at *.....

and on the terms and conditions as set out, inter-alia in the [*mention the work order/LOA/Tender No.*] and various documents forming part thereof, hereinafter collectively referred to as the ‘**CONTRACT**’ which expression shall include all amendments, modifications and / or variations thereto.

Rajasthan state Gas Limited has also advised the Contractor to execute an Indemnity Bond in general in favour of Rajasthan state Gas Limited indemnifying Rajasthan state Gas Limited and its employees and Directors from all consequences which may arise out of any prospective litigation or proceedings filed or may be initiated by any third party, including any Banker / financial institution / worker(s)

/vendor(s)/ subcontractor(s) etc. who may have been associated or engaged by the Contractor directly or indirectly with or without consent of Rajasthan state Gas Limited for above works.

NOW, THEREFORE, in consideration of the promises aforesaid, the Contractor hereby irrevocably and unconditionally undertakes to indemnify and keep indemnified Rajasthan state Gas Limited and all its employees, Directors, including Independent Directors, from and against all/any claim(s), damages, loss, which may arise out of any litigations/ liabilities that may be raised by the Contractor or any third party against RAJASTHAN STATE GAS under or in relation to this contract. The Contractor undertakes to compensate and pay to Rajasthan state Gas Limited and/or any of its employees, Directors forth with on demand without any protest the amount claimed by Rajasthan state Gas Limited for itself and for and on behalf of its employees, Directors together with direct/indirect expenses including all legal expenses incurred by them or any of them on account of such litigation or proceedings.

AND THE CONTRACTOR hereby further agrees with Rajasthan state Gas Limited that:

- (i) This Indemnity shall remain valid and irrevocable for all claims of Rajasthan state Gas Limited and/or any of its employees and Directors arising out of said contract with respect to any such litigation / court case for which Rajasthan state Gas Limited and/or its employees and Directors has been made party until now or here-in-after.
- (ii) This Indemnity shall not be discharged/revoked by any change/ modification

/amendment/assignment of the contract or any merger of the Contractor with other entity or any change in the constitution/structure of the Contractor's firm/Company or any conditions thereof including insolvency etc. of the Contractor, but shall be in all respects and for all purposes binding and operative until any/all claims for payment of Rajasthan state Gas Limited are settled by the Contractor and/or Rajasthan state Gas Limited discharges the Contractor in writing from this Indemnity.

The undersigned has full power to execute this Indemnity Bond for and on behalf of the Contractor and the same stands valid.

SIGNED BY :

For [*Contractor*] *Authorised Representative*

Place:

Dated:

Witnesses:

- 1.
- 2.

FREQUENTLY ASKED QUESTIONS (FAQs)

SL. NO.	QUESTION	ANSWER
1.0	Can any vendor quote for subject Tender?	Yes. A Vendor has to meet Bid Evaluation Criteria given under Section 1.1 of Tender document in addition to other requirements.
2.0	Should the Bid Evaluation Criteria documents be attested?	Yes. Please refer clause no C of Section 1.1 of Tender document
3.0	Is attending Pre Bid Meeting mandatory.	No. Refer Clause No. 17 of Instruction to Bidders of Tender Document. However attending Pre Bid Meeting is recommended to sort out any issue before submission of bid by a Bidder.
4.0	Can a vendor submit more than one offer?	No. Please refer Clause No. 4 of Instruction to Bidders of Tender Document.
5.0	Is there any Help document available for e-Tender?	Not applicable
6.0	Are there any MSE (Micro & Small Enterprises) benefits available?	Yes. Refer Clause No. 39 of Instructions to Bidders of Tender Document.



All the terms and conditions of Tender remain unaltered.

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Details of Quoted Parts

Bidder's Name:

Description	Quoted/ Not Quoted	Amount of EMD submitted
last mile connectivity and associated work at consumer end for CGD project at Kota GA.. As per SOR and tender document ref. no. RSGL/KOTA/C&P/O&M/2 025-26/ NIT-12 DATED: 18-09-2025		

CUT-OUT SLIP

(To be pasted on the MAIN ENVELOPE)

DO NOT OPEN - THIS IS A QUOTATION

Tender : TENDER DOCUMENT FOR HIRING AN AGENCY FOR OPERATIONS AND MAINTENANCE SERVICES FOR CITY GAS DISTRIBUTION NETWORK OF RSGL KOTA GA FOR ONE YEAR.

Tender no. : RSGL/KOTA/C&P/O&M/2025-26/ NIT-12 dated 18-09-2025

Due Date & Time : Upto 14:00 Hrs. (IST) on 09-10-2025

From :

To :

M/s _____

Mob. No.

DGM (C&P)
RAJASTHAN STATE GAS LIMITED
3rd Floor Khaniz Bhawan,
Tilak Marg, C-Scheme
Jaipur – 302005
Email: viveks.rsgl@rajasthan.gov.in
[Ph, No. 9650055638](tel:9650055638)

CUT-OUT SLIP FOR PRICE BID

(To be pasted on the envelope containing PRICE BID)

DO NOT OPEN - THIS IS A QUOTATION

***Tender : TENDER DOCUMENT FOR HIRING AN AGENCY FOR
OPERATIONS AND MAINTENANCE SERVICES FOR CITY GAS
DISTRIBUTION NETWORK OF RSGL KOTA GA FOR ONE YEAR.***

Tender no. : RSGL/KOTA/C&P/O&M/2025-26/ NIT-12 dated 18-09-2025

Due Date & Time : Upto 14:00 Hrs. (IST) on 09-10-2025

From :

To :

M/s _____

DGM (C&P)
RAJASTHAN STATE GAS LIMITED
Khaniz Bhawan,
Tilak Marg, C-Scheme
Jaipur – 302005
Email: viveks.rsgl@rajasthan.gov.in
Ph, No. [9650055638](tel:9650055638)



PART-II – CONDITIONS OF CONTRACT

Section 2:

General Conditions of Contract-Services (to be read in conjunction with other sections of the bid documents)

Sl.No.	Description
(i)	TABLE OF CONTENTS
(II)	SUBMISSION OF TENDER
	GENERAL CONDITIONS OF CONTRACT
	SECTION-I (DEFINITIONS)
1.0	Definition of Terms
	SECTION-II (GENERAL INFORMATIONS)
2.0	General Information
2.1	(a) Location of Site
2.2	(b) Access by Road
2.3	Scope of Work
2.4	Water Supply
2.5	Power Supply
2.6	Land for Contractor's field office, Go down and Workshop
2.7	Land for Residential Accommodation
	SECTION-III (GENERAL INSTRUCTIONS TO TENDERERS)
3.0	Submission of Tender
4.0	Documents
4.1	General
4.2	All pages to be initialed
4.3	Rates to be in figures and words
4.4	Corrections and Erasures
4.5	Signature of Tenderer
4.6	Witness
4.7	Details of Experience
4.8	Liability of Government of India
5.0	Transfer of Tender Documents
6.0	Earnest Money
7.0	Validity
8.0	Addenda/Corrigenda
9.0	Right of Employer to Accept or Reject Tender
10.0	Time Schedule
11.0	Tenderer's Responsibility
12.0	Retired Government or Company Officers
13.0	Signing of the Contract
14.0	Field Management & Controlling/Coordinating Authority
15.0	Note to Schedule of Rates
16.0	16.1 Policy for Tenders under consideration 16.2 Zero Deviation
17.0	Award of Contract
18.0	Clarification of Tender Document
19.0	Local Conditions

SECTION-IV (GENERAL OBLIGATIONS)

21.1	Priority of Contract Documents
21.2	Headings & Marginal Notes
21.3	Singular and Plural
21.4	Interpretation
22.0	Special Conditions of Contract
23.0	Contractor to obtain his own information
24.0	Contract Performance Security
25.0	Time of Performance
25.1	Time for Mobilisation
25.2	Time Schedule of Construction
26.0	Force Majeure
26.1	Conditions for Force Majeure
26.2	Outbreak of War
27.0	Price Reduction Schedule
27.3	Bonus for Early Completion
28.0	Rights of Employer to forfeit Contract Performance Security
29.0	Failure by the Contractor to comply with the provisions of the contract
30.0	Contractor remains liable to pay compensation if action not taken under Clause 29.0
31.0	Change in Constitution
32.0 -A	Termination of Contract for Death
32.0-B	Termination of Contract for Liquidation, Bankruptcy etc.
32.0-C	Termination of Contract for Non-Performance and subsequently putting the Contractor on Holiday
33.0	Members of the Employer not individually liable
34.0	Employer not bound by personal representations
35.0	Contractor's office at site
36.0	Contractor's subordinate staff and their conduct
37.0	Subletting of Works i) Sub contracts for Temporary works etc. ii) List of sub-contractors to be supplied iii) Contractor's liability not limited by Sub-Contractors iv) Employer may terminate sub contracts v) No remedy for action taken under this clause
38.0	Power of Entry
39.0	Contractor's responsibility with Mechanical, Electrical, Intercommunication System, Air Conditioning Contractors and other agencies
40.0	Other Agencies at site
41.0	Notices
41.1	To the Contractor
41.2	To the Employer
42.0	Rights of various Interests
43.0	Patents and Royalties
44.0	Liens
45.0	Delays by Employer or his authorized agents
46.0	Payments if Contract is terminated
47.0	No waiver of Rights
48.0	Certificate not to affect Right of Employer and Liability of Contractor

49.0	Languages & Measures
50.0	Transfer of Title
51.0	Release of Information
52.0	Brand Names
53.0	Completion of Contract
54.0	Spares

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55.0	Execution of Work
56.0	Co-ordination and Inspection of work
57.0	Work in Monsoon & Dewatering
58.0	Work on Sundays & Holidays
59.0	General Conditions for construction & Erection Work
60.0	Alterations in specification, Design & Extra Work
61.0	Drawings to be supplied by the Employer
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63.0	Setting out works
64.0	Responsibility for Levels and Alignment
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67.0	Conditions for issue of material
68.0	Materials Procured with assistance of Employer/Return of surplus
69.0	Materials obtained from dismantling
70.0	Articles of Value found
71.0	Discrepancies between instructions
72.0	Action where no specification is issued
73.0	Inspection of Works
74.0	Tests for Quality of Works
75.0	Samples for approval
76.0	Action and Compensation in case of bad work
77.0	Suspension of Work
78.0	Employer may do part of work
79.0	Possession prior to completion
80.0	Twelve months period of liability from the date of issue of completion certificate
80.3	Limitation of Liability
81.0	Care of Works
81.1	Defects prior to taking over
81.2	Defects after taking over
82.0	Guarantee/Transfer of Guarantee
83.0	Training of Employer's personnel
84.0	Replacement of Defective parts & materials
85.0	Indemnity
86.0	Construction Aids, Equipments, Tools & Tackles

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- i) Schedule of Rates and Payments
- ii) Contractor's Remuneration
- iii) Schedule of Rates to be inclusive

- iv) Schedule of Rates to cover construction equipment, materials, labour etc.
- vi) Schedule of Rates to cover Royalties, Rents and claims.
- vii) Schedule of Rates to cover taxes & duties
- viii) Schedule of Rates to cover risks of delay
- ix) Schedule of Rates cannot be altered
- 88.0 Procedure for Measurement and billing of works in progress
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- 88.2 Secured Advance on materials
- 88.3 Dispute in mode of measurement
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- 89.0 Lumpsum in Tender
- 90.0 Running Account Payments to be regarded as advances
- 91.0 Notices of Claims for Additional Payments
- 92.0 Payment of Contractor's bills
- 93.0 Receipt for Payment
- 94.0 Completion Certificate
- 94.1 Application for Completion Certificate
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- 98.0 Taxes, Duties, Octroi etc.
- 99.0 Sales Tax/Turnover Tax
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- iv) Transit Insurance
- v) Automobile
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- Employer
- 102.0 Damage to Property or to any Person or any Third Party

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SECTION-X (SAFETY CODES)

109.0	General
110.0	Safety Regulations
111.0	First Aid and Industrial Injuries
112.0	General Rules
113.0	Contractor's barricades
114.0	Scaffolding
115.0	Excavation and Trenching
116.0	Demolition/General Safety
117.0	Care in Handling Inflammable Gas
118.0	Temporary Combustible Structures
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120.0	Explosives
121.0	Mines Act
122.0	Preservation of Places
123.0	Outbreak of Infectious diseases
124.0	Use of intoxicants

ANNEXURES TO GCC

1. Proforma of Agreement
2. Proforma for Indemnity Bond for Advance against material

General Conditions of Contract

Section- I. Definitions

1. Definition of Terms:

- 1.1 In this CONTRACT (as here-in-after defined) the following words and expressions shall have the meanings hereby assigned to them except where the context otherwise required.
 - 1.1.1 The EMPLOYER/COMPANY/RSGL means RSGL, incorporated under the Company's act 1956 and having its office at Khaniz bhawan, Tilak marg, C-scheme Jaipur-302005 and includes its successors and assigns.
 - 1.1.2 The "CONTRACTOR" means the person or the persons, firm or Company or corporation whose tender has been accepted by the EMPLOYER and includes the CONTRACTOR's legal Representatives his successors and permitted assigns.
 - 1.1.3 The ENGINEER/ENGINEER-IN-CHARGE" shall mean the person designated from time to time by the RSGL and shall include those who are expressly authorized by him to act for and on his behalf for operation of this CONTRACT.
 - 1.1.4 The "WORK" shall mean and include all items and things to be supplied/ done and services and activities to be performed by the CONTRACTOR in pursuant to and in accordance with CONTRACT or part thereof as the case may be and shall include all extra, additional, altered or substituted works as required for purpose of the CONTRACT.
 - 1.1.5 The "PERMANENT WORK" means and includes works which will be incorporated in and form a part of the work to be handed over to the EMPLOYER by the CONTRACTOR on completion of the CONTRACT.
 - 1.1.6 "CONSTRUCTION EQUIPMENT" means all appliances/equipment and things whatsoever nature for the use in or for the execution, completion, operation, or maintenance of the work or temporary works (as hereinafter defined) but does not include materials or other things intended to form or to be incorporated into the WORK, or camping facilities.
 - 1.1.7 "CONTRACT DOCUMENTS" means collectively the Tender Documents, Designs, Drawings, Specification, Schedule of Quantities and Rates, Letter of Acceptance and agreed variations if any, and such other documents constituting the tender and acceptance thereof.
 - 1.1.8 CONSULTANT: means The Consultant firm appointed by the RSGL
 - 1.1.9 The "SUB-CONTRACTOR" means any person or firm or Company (other than the CONTRACTOR) to whom any part of the work has been entrusted by the CONTRACTOR, with the written consent of the ENGINEER-IN-CHARGE, and the legal representatives, successors and permitted assigns of such person, firm or company.
 - 1.1.10 The "CONTRACT" shall mean the Agreement between the EMPLOYER and the CONTRACTOR for the execution of the works

including therein all contract documents.

- 1.1.11 The "SPECIFICATION" shall mean all directions the various technical specifications, provisions attached and referred to the Tender Documents which pertain to the method and manner of performing the work or works to the quantities and qualities of the work or works and the materials to be furnished under the CONTRACT for the work or works, as may be amplified or modified by the RSGL or ENGINEER-IN-CHARGE during the performance of CONTRACT in order to provide the unforeseen conditions or in the best interests of the work or works. It shall also include the latest edition of relevant Standard Specifications including all addenda/corrigenda published before entering into CONTRACT.
- 1.1.12 The "DRAWINGS" shall include maps, plans and tracings or prints or sketches thereof with any modifications approved in writing by the ENGINEER-IN-CHARGE and such other drawing as may, from time to time, be furnished or approved in writing by the ENGINEER-IN-CHARGE.
- 1.1.13 The "TENDER" means the proposal along with supporting documents submitted by the CONTRACTOR for consideration by the EMPLOYER.
- 1.1.14 The "CHANGE ORDER" means an order given in writing by the ENGINEER-IN-CHARGE to effect additions to or deletion from and alteration in the works.
- 1.1.15 The "COMPLETION CERTIFICATE" shall mean the certificate to be issued by the ENGINEER-IN-CHARGE when the works have been completed entirely in accordance with CONTRACT DOCUMENT to his satisfaction.
- 1.1.16 The "FINAL CERTIFICATE" in relation to a work means the certificate regarding the satisfactory compliance of various provision of the CONTRACT by the CONTRACTOR issued by the ENGINEER-IN-CHARGE/EMPLOYER after the period of liability is over.
- 1.1.17 "DEFECT LIABILITY PERIOD" in relation to a work means the specified period from the date of COMPLETION CERTIFICATE upto the date of issue of FINAL CERTIFICATE during which the CONTRACTOR stands responsible for rectifying all defects that may appear in the works executed by the CONTRACTOR in pursuance of the CONTRACT and includes warranties against Manufacturing/Fabrication/ Erection/Construction defects covering all materials plants, equipment, components, and the like supplied by the CONTRACTOR, works executed against workmanship defects.
- 1.1.18 The "APPOINTING AUTHORITY" for the purpose of arbitration shall be the CHAIRMAN and MANAGING DIRECTOR or any other person so designated by the EMPLOYER.
- 1.1.19 "TEMPORARY WORKS" shall mean all temporary works of every kind required in or about the execution, completion or maintenance of works.
- 1.1.20 "PLANS" shall mean all maps, sketches and layouts as are incorporated in the CONTRACT in order to define broadly the scope and specifications of the work or works, and all reproductions thereof.
- 1.1.21 "SITE" shall mean the lands and other places on, under, in or through

which the permanent works are to be carried out and any other lands or places provided by the EMPLOYER for the purpose of the CONTRACT.

- 1.1.22 "NOTICE IN WRITING OR WRITTEN NOTICE" shall mean a notice in written, typed or printed characters sent (unless delivered personally or otherwise proved to have been received by the addressee) by registered post to the latest known private or business address or registered office of the addressee and shall be deemed to have been received in the ordinary course of post it would have been delivered.
- 1.1.23 "APPROVED" shall mean approved in writing including subsequent written confirmation of previous verbal approval and "APPROVAL" means approval in writing including as aforesaid.
- 1.1.24 "LETTER OF INTENT/FAX OF INTENT" shall mean intimation by a Fax/Letter to Tenderer(s) that the tender has been accepted in accordance with the provisions contained in the letter.
- 1.1.25 "DAY" means a day of 24 hours from midnight to midnight irrespective of the number of hours worked in that day.
- 1.1.26 "WORKING DAY" means any day which is not declared to be holiday or rest day by the EMPLOYER.
- 1.1.27 "WEEK" means a period of any consecutive seven days.
- 1.1.28 "METRIC SYSTEM" - All technical documents regarding the construction of works are given in the metric system and all work in the project should be carried out according to the metric system. All documents concerning the work shall also be maintained in the metric system.
- 1.1.29 "VALUE OF CONTRACT" or "TOTAL CONTRACT PRICE" shall mean the sum accepted or the sum calculated in accordance with the prices accepted in tender and/or the CONTRACT rates as payable to the CONTRACTOR for the entire execution and full completion of the work, including change order.
- 1.1.30 "LANGUAGE FOR DRAWINGS AND INSTRUCTION" All the drawings, titles, notes, instruction, dimensions, etc. shall be in English Language.
- 1.1.31 "MOBILIZATION" shall mean establishment of sufficiently adequate infrastructure by the CONTRACTOR at "SITE" comprising of construction equipments, aids, tools tackles including setting of site offices with facilities such as power, water, communication etc. establishing manpower organisation comprising of Resident Engineers, Supervising personnel and an adequate strength of skilled, semi-skilled and un-skilled workers, who with the so established infrastructure shall be in a position to commence execution of work at site(s), in accordance with the agreed Time Schedule of Completion of Work. "MOBILISATION" shall be considered to have been achieved, if the CONTRACTOR is able to establish infrastructure as per Time Schedule, where so warranted in accordance with agreed schedule of work implementation to the satisfaction of ENGINEER-IN-CHARGE/EMPLOYER.
- 1.1.32 "COMMISSIONING" shall mean pressing into service of the system including the plant(s), equipment(s), vessel(s), pipeline, machinery(ies), or any other section or sub-section of installation(s)

pertaining to the work of the CONTRACTOR after successful testing and trial runs of the same.

- "COMMISSIONING" can be either for a completed system or a part of system of a combination of systems or sub-systems and can be performed in any sequence as desired by EMPLOYER and in a manner established to be made suited according to availability of pre-requisites. Any such readjustments made by EMPLOYER in performance of "COMMISSIONING" activity will not be construed to be violating CONTRACT provisions and CONTRACTOR shall be deemed to have provided for the same.

Section-II General Information

2. General Information

- 2.1 a) Location of Site: The proposed location of Project site is defined in the Special Conditions of Contract.

b) Access by Road: CONTRACTOR, if necessary, shall build other temporary access roads to the actual site of construction for his own work at his own cost. The CONTRACTOR shall be required to permit the use of the roads so constructed by him for vehicles of any other parties who may be engaged on the project site. The CONTRACTOR shall also facilitate the construction of the permanent roads should the construction there of start while he is engaged on this work. He shall make allowance in his tender for any inconvenience he anticipates on such account.

Non-availability of access roads, railway siding and railway wagons for the use of the CONTRACTOR shall in no case condone any delay in the execution of WORK nor be the cause for any claim for compensation against the EMPLOYER.

- 2.2 Scope of Work: The scope of WORK is defined in the Technical Part of the tender document. The CONTRACTOR shall provide all necessary materials, equipment, labour etc. for the execution and maintenance of the WORK till completion unless otherwise mentioned in the Tender Document.

- 2.3 Water Supply: Contractor will have to make his own arrangements for supply of water to his labour camps and for works. All pumping installations, pipe network and distribution system will have to be carried out by the Contractor at his own risk and cost.

Alternatively, the Employer at his discretion may endeavour to provide water to the Contractor at the Employer's source of supply provided the Contractor makes his own arrangement for the water meter which shall be in custody of the Employer and other pipe networks from source of supply and such distribution pipe network shall have prior approval of the Engineer-in-Charge so as not to interfere with the layout and progress of the other construction works. In such case, the rate for water shall be deducted from the running account bills.

However, the Employer does not guarantee the supply of water and this does not relieve the Contractor of his responsibility in making his own arrangement and for the timely completion of the various works as stipulated.

2.4 Power Supply:

- 2.4.1 Subject to availability, EMPLOYER will supply power at 400/440 V at only one point at the nearest sub-station, from where the

CONTRACTOR will make his own arrangement for temporary distribution. The point of supply will not be more than 500 m away from the CONTRACTOR'S premises. All the works will be done as per the applicable regulations and passed by the ENGINEER-IN-CHARGE. The temporary line will be removed forthwith after the completion of work or if there is any hindrance caused to the other works due to the alignment of these lines, the CONTRACTOR will re-route or remove the temporary lines at his own cost. The CONTRACTOR at his cost will also provide suitable electric meters, fuses, switches, etc. for purposes of payment to the EMPLOYER which should be in the custody and control of the EMPLOYER. The cost of power supply shall be payable to the EMPLOYER every month for Construction Works power which would be deducted from the running account bills. The EMPLOYER shall not, however, guarantee the supply of electricity nor have any liability in respect thereof. No claim for compensation for any failure or short supply of electricity will be admissible.

- 2.4.2 It shall be the responsibility of the CONTRACTOR to provide and maintain the complete installation on the load side of the supply with due regard to safety requirement at site. All cabling, equipment, installations etc. shall comply in all respects with the latest statutory requirements and safety provisions i.e., as per the Central/State Electricity Acts and Rules etc. The CONTRACTOR will ensure that his equipment and Electrical Wiring etc., are installed, modified, maintained by a licensed Electrician/Supervisor. A test certificate is to be produced to the ENGINEER-IN-CHARGE for his approval, before power is made available.
- 2.4.3 At all times, IEA regulations shall be followed failing which the EMPLOYER has a right to disconnect the power supply without any reference to the CONTRACTOR. No claim shall be entertained for such disconnection by the ENGINEER-IN-CHARGE. Power supply will be reconnected only after production of fresh certificate from authorized electrical supervisors.
- 2.4.4 The EMPLOYER is not liable for any loss or damage to the CONTRACTOR's equipment as a result of variation in voltage or frequency or interruption in power supply or other loss to the CONTRACTOR arising there from.
- 2.4.5 The CONTRACTOR shall ensure that the Electrical equipment installed by him are such that average power factors does not fall below 0.90 at his premises. In case power factor falls below 0.90 in any month, he will reimburse to the EMPLOYER at the penal rate determined by the EMPLOYER for all units consumed during the month.
- 2.4.6 The power supply required for CONTRACTOR's colony near the plant site will be determined by the EMPLOYER and shall be as per State Electricity Board's Rules and other statutory provisions applicable for such installations from time to time. In case of power supply to CONTRACTOR's colony, the power will be made available at a single point and the CONTRACTOR shall make his own arrangement at his own cost for distribution to the occupants of the colony as per Electricity Rules and Acts. The site and colony shall be sufficiently illuminated to avoid accidents.
- 2.4.7 The CONTRACTOR will have to provide and install his own lights and power meters which will be governed as per Central/State Government Electricity Rules. The metres shall be sealed by the EMPLOYER.

- 2.4.8 In case of damage of any of the EMPLOYER's equipment on account of fault, intentional or unintentional on the part of the CONTRACTOR, the EMPLOYER reserves the right to recover the cost of such damage from the CONTRACTOR's bill. Cost of HRC Fuses replaced at the EMPLOYER's terminals due to any fault in the CONTRACTOR's installation shall be to CONTRACTOR's account at the rates decided by the ENGINEER-IN-CHARGE.
- 2.4.9 Only motors upto 3 HP will be allowed to be started direct on line. For motors above 3 HP and upto 100 HP a suitable Starting device approved by the ENGINEER- IN-CHARGE shall be provided by the CONTRACTOR. For motors above 100 HP slip ring induction motors with suitable starting devices as approved by the ENGINEER- IN-CHARGE shall be provided by the CONTRACTOR.
- 2.4.10 The CONTRACTOR shall ensure at his cost that all electrical lines and equipment and all installations are approved by the State Electricity Inspector before power can be supplied to the EMPLOYER.
- 2.4.11 The total requirement of power shall be indicated by the Tenderer along with his tender.

2.5 Land for Contractor's Field Office, Godown and Workshop: The EMPLOYER will, at his own discretion and convenience and for the duration of the execution of the work make available near the site, land for construction of CONTRACTOR's Temporary Field Office, godowns workshops and assembly yard required for the execution of the CONTRACT. The CONTRACTOR shall at his own cost construct all these temporary buildings and provide suitable water supply and sanitary arrangement and get the same approved by the ENGINEER-IN-CHARGE.

On completion of the works undertaken by the CONTRACTOR, he shall remove all temporary works erected by him and have the SITE cleaned as directed by ENGINEER-IN-CHARGE. If the CONTRACTOR shall fail to comply with these requirements, the ENGINEER-IN-CHARGE may at the expenses of the CONTRACTOR remove such surplus, and rubbish materials and dispose off the same as he deems fit and get the site cleared as aforesaid; and CONTRACTOR shall forthwith pay the amount of all expenses so incurred and shall have no claim in respect of any such surplus materials disposed off as aforesaid. But the EMPLOYER reserves the right to ask the CONTRACTOR any time during the pendency of the CONTRACT to vacate the land by giving 7 days notice on security reasons or on national interest or otherwise. Rent may be charged for the land so occupied from contractor by the Employer.

The CONTRACTOR shall put up temporary structures as required by them for their office, fabrication shop and construction stores only in the area allocated to them on the project site by the EMPLOYER or his authorised representative. No tea stalls/canteens should be put up or allowed to be put up by any CONTRACTOR in the allotted land or complex area without written permission of the EMPLOYER.

No unauthorised buildings, constructions or structures should be put up by the CONTRACTOR anywhere on the project site.

For uninterrupted fabrication work, the CONTRACTOR shall put up temporary covered structures at his cost within Area in the location allocated to them in the project site by the EMPLOYER or his authorised representative.

No person except for authorised watchman shall be allowed to stay in the plant area/CONTRACTOR's area after completion of the day's job without prior written permission from ENGINEER-IN-CHARGE.

2.6 Land for Residential Accommodation:-No Land shall be made available for residential accommodation for staff and labour of CONTRACTOR.

2.72.7

Section-III. General Instructions to Tenderers

3. Submission of Tender:

- 3.1 TENDER must be submitted without making any additions, alterations, and as per details given in other clauses hereunder. The requisite details shall be filled in by the TENDERER at space provided under "Submission of Tender at the beginning of GCC of Tender Document. The rate shall be filled only in the schedule given in this Tender Document.
- 3.2 Addenda/Corrigenda to this Tender Document, if issued, must be signed, submitted along with the Tender Document. the tenderer should write clearly the revised quantities in Schedule of Rates of Tender Document and should price the WORK based on revised quantities when amendments of quantities are issued in addenda.
- 3.3 Covering letter along with its enclosures accompanying the Tender Document and all further correspondence shall be submitted in duplicate.
- 3.4 Tenderers are advised to submit quotations based strictly on the terms and conditions and specifications contained in the Tender Documents and not to stipulate any deviations.
- 3.5 Tenders should always be placed in double sealed covers, super scribing ["QUOTATION DO NOT OPEN" Tender for _____ Project of RSGL due for opening on _____]. The *Full Name, Address and Telegraphic Address, Fax No. of the Tenderers* shall be written on the bottom left hand corner of the sealed cover.

4. Documents:

4.1 General:

The tenders as submitted, will consist of the following:

- i) Complete set of Tender Documents (Original) as sold duly filled in and signed by the tenderer as prescribed in different clauses of the Tender Documents.
- ii) Earnest money in the manner specified in Clause 6 hereof.
- iii) Power of Attorney or a true copy thereof duly attested by a Gazetted Officer in case an authorised representative has signed the tender, as required by Clause 14 hereof.
- iv) Information regarding tenderers in the proforma enclosed.
- v) Details of work of similar type and magnitude carried out by the Tenderer in the proforma provided in the tender document.
- vi) Organisation chart giving details of field management at site, the tenderer proposes to have for this job.
- vii) Details of construction plant and equipments available with the tenderer for using in this work.

- viii) Solvency Certificate from Scheduled Bank to prove the financial ability to carry out the work tendered for.
- ix) Latest Balance Sheet and Profit & Loss Account duly audited.
- x) Details of present commitment as per proforma enclosed to tender.
- xi) Data required regarding SUB-CONTRACTOR(s)/ Supplier/ Manufacturers and other technical informations the tenderer wish to furnish.
- xii) Provident fund registration certificate
- xiii) List showing all enclosures to tender.

4.2 All pages are to be Initiated: All signatures in Tender Documents shall be dated, as well as, all the pages of all sections of Tender Documents shall be initialled at the lower right hand corner and signed wherever required in the tender papers by the TENDERER or by a person holding power of attorney authorising him to sign on behalf of the tenderer before submission of tender.

4.3 Rates to be in Figures and Words: The tender should quote in English both in figures as well as in words the rates and amounts tendered by him in the Schedule of Rates of Tender submitted by the CONTRACTOR for each item and in such a way that interpolation is not possible. The amount for each item should be worked out and entered and requisite total given of all items, both in figures and in words. The tendered amount for the work shall be entered in the tender and duly signed by the Tenderer.

If some discrepancies are found between the RATES in FIGURES and WORDS or the AMOUNT shown in the tender, the following procedure shall be followed:

- a) When there is difference between the rates in figures and words, the rate which corresponds to the amount worked out by the tenderer shall be taken as correct.
- b) When the rate quoted by the tenderer in figures and words tally but the amount is incorrect the rate quoted by the tenderer shall be taken as correct.
- c) When it is not possible to ascertain the correct rate by either of above methods, the rate quoted in words shall be taken as correct.

4.4 Corrections and Erasures: All correction(s) and alteration(s) in the entries of tender paper shall be signed in full by the TENDERER with date. No erasure or over writing is permissible.

4.5 Signature of Tenderer:

4.5.1 The TENDERER shall contain the name, residence and place of business of person or persons making the tender and shall be signed by the TENDERER with his usual signature. Partnership firms shall furnish the full names of all partners in the tender. It should be signed in the partnership's name by all the partners or by duly authorised representatives followed by the name and designation of the person signing. Tender by a corporation shall be signed by an authorised representative, and a Power of Attorney in that behalf shall accompany the tender. A copy of the constitution of the firm with

names of all partners shall be furnished.

- 4.5.2 When a tenderer signs a tender in a language other than English, the total amount tendered should, in addition, be written in the same language. The signature should be attested by at least one witness.
- 4.6 Witness: Witness and sureties shall be persons of status and property and their names, occupation and address shall be stated below their signature.
- 4.7 Details of Experience: The tenderer should furnish, along with his tender, details of previous experience in having successfully completed in the recent past works of this nature, together with the names of Employers, location of sites and value of contract, date of commencement and completion of work, delays if any, reasons of delay and other details along with documentary evidence(s).
- 4.8 Liability of Government of India: It is expressly understood and agreed by and between Bidder or/Contractor and M/s RSGL, and that M/s RSGL, is entering into this agreement solely on its own behalf and not on behalf of any other person or entity. In particular, it is expressly understood and agreed that the Government of India is not a party to this agreement and has no liabilities, obligations or rights hereunder. It is expressly understood and agreed that M/s RSGL is an independent legal entity with power and authority to enter into contracts solely on its own behalf under the applicable Laws of India and general principles of Contract Law. The Bidder/Contractor expressly agrees, acknowledges and understands that M/s RSGL is not an agent, representative or delegate of the Government of India. It is further understood and agreed that the Government of India is not and shall not be liable for any acts, omissions, commissions, breaches or other wrongs arising out of the contract. Accordingly, Bidder/Contractor hereby expressly waives, releases and foregoes any and all actions or claims, including cross claims, impleader claims or counter claims against the Government of India arising out of this contract and covenants not to sue to Government of India as to any manner, claim, cause of action or thing whatsoever arising of or under this agreement.

5. Transfer of Tender Documents:

- 5.1 Transfer of Tender Documents purchased by one intending tenderer to another is not permissible.

6. Earnest Money:

- 6.1 The bidder must pay Earnest Money as given in the letter /notice inviting tenders and attach the official receipt with the tender failing which the tender is liable to be rejected and representatives of such tenderers will not be allowed to attend the tender opening. Earnest Money can be paid in Demand Drafts or Bank Guarantee or Banker's Cheque or Letter of Credit from any Indian scheduled bank or a branch of an International bank situated in India and registered with Reserve Bank of India as scheduled foreign bank. However, other than the Nationalised Indian Banks, the banks whose BGs are furnished, must be commercial banks having net worth in excess of Rs. 100 crores and a declaration to this effect should be made by such commercial bank either in the bank guarantee itself or separately on a letter head.

The bid guarantee shall be submitted in the prescribed format .

Note: The Bank Guarantee so furnished by the tenderer shall be in the proforma prescribed by the EMPLOYER. No interest shall be paid by the EMPLOYER on the Earnest Money deposited by the tenderer. The Bank Guarantee furnished in lieu of Earnest Money shall be kept valid for a period of "SIX MONTHS" from the date of opening of

tender.(TWO MONTHS beyond the bid due date).

The Earnest Money deposited by successful tenderer shall be forfeited if the Contractor fails to furnish the requisite Contract Performance Security as per clause 24 hereof and /or fails to start work within a period of 15 days or fails to execute the AGREEMENT within 15 days of the receipt by him of the Notification of Acceptance of Tender.

Note: The Earnest Money of the unsuccessful bidder will be returned by EMPLOYER/CONSULTANT, directly to the tenderer (s), within a reasonable period of time but not later than 30 days after the expiration of the period of bid validity prescribed by EMPLOYER.

7 Validity:

7.1 Tender submitted by tenderers shall remain valid for acceptance for a period of "4 MONTHS" from the date of opening of the tender. The tenderers shall not be entitled during the said period of 4 months, without the consent in writing of the EMPLOYER, to revoke or cancel his tender or to vary the tender given or any term thereof. In case of tender revoking or canceling his tender or varying any term in regard thereof without the consent of EMPLOYER in writing, the EMPLOYER shall forfeit Earnest Money paid by him along with tender.

8 Addenda/Corrigenda

8.1 Addenda/ Corrigenda to the Tender Documents will be issued in duplicate prior to the date of opening of the tenders to clarify documents or to reflect modification in design or CONTRACT terms.

8.2 Each addenda/ corrigendum issued will be issued in duplicate to each person or organisation to whom set of Tender Documents has been issued. Recipient will retain tenderer's copy of each Addendum/Corrigendum and attach original copy duly signed along with his offer. All Addenda/Corrigenda issued shall become part of Tender Documents.

9 Right of Employer to Accept or Reject Tender:

9.1 The right to accept the tender will rest with the EMPLOYER. The EMPLOYER, however, does not bind himself to accept the lowest tender, and reserves to itself the authority to reject any or all the tenders received without assigning any reason whatsoever. At the option of the Employer, the work for which the tender had been invited, may be awarded to one Contractor or split between more than one bidders, in which case the award will be made for only that part of the work, in respect of which the bid has been accepted. The quoted rates should hold good for such eventualities.

Tenders in which any of the particulars and prescribed information are missing or are incomplete in any respect and/or the prescribed conditions are not fulfilled are liable to be rejected. The Tender containing uncalled for remarks or any additional conditions are liable to be rejected.

Canvassing in connection with tenders is strictly prohibited and tenders submitted by the Tenderers who resort to canvassing will be liable to rejection.

10 Time Schedule

10.1 The WORK shall be executed strictly as per the TIME SCHEDULE specified in TENDER/CONTRACT Document. The period of construction given in Time Schedule includes the time required for mobilisation as well as testing, rectifications if any, retesting and completion in all respects to the entire satisfaction of the ENGINEER-IN- CHARGE.

- 10.2 A joint programme of execution of the WORK will be prepared by the ENGINEER-IN-CHARGE and CONTRACTOR based on priority requirement of this project. This programme will take into account the time of completion mentioned in 10.1 above and the time allowed for the priority works by the ENGINEER-IN-CHARGE.
- 10.3 Monthly/Weekly construction programme will; be drawn up by the ENGINEER-IN-CHARGE jointly with the CONTRACTOR, based on availability of work fronts and the joint construction programme as per 10.2 above. The CONTRACTOR shall scrupulously adhere to these targets /programmes by deploying adequate personnel, construction tools and tackles and he shall also supply himself all materials of his scope of supply in good time to achieve the targets/programmes. In all matters concerning the extent of targets set out in the weekly and monthly programmes and the degree of achievements the decision of the ENGINEER-IN-CHARGE will be final and binding on the CONTRACTOR.
- 11 Tenderer's Responsibility** 11.1 The intending tenderers shall be deemed to have visited the SITE and familiarised submitting the tender. Non-familiarity with the site conditions will not be considered a reason either for extra claims or for not carrying out the works in strict conformity with the DRAWINGS and SPECIFICATIONS or for any delay in performance.
- 12 Retired Government or Company Officers** 12.1 No Engineer of Gazetted rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the States/ Central Government or of the EMPLOYER is allowed to work as a CONTRACTOR for a period of two years after his retirement from Government Service, or from the employment of the EMPLOYER without the previous permission of the EMPLOYER. The CONTRACT, if awarded, is liable to be cancelled if either the CONTRACTOR or any of his employees is found at any time to be such a person, who has not obtained the permission of the State/Central Government or of the EMPLOYER as aforesaid before submission of tender, or engagement in the CONTRACTOR'S service as the case maybe.
- 13 Signing of the Contract:** 13.1 The successful tenderer shall be required to execute an AGREEMENT in the proforma attached with TENDER DOCUMENT within 15 days of the receipt by him of the Notification of Acceptance of Tender. In the event of failure on the part of the successful tenderer to sign the AGREEMENT within the above stipulated period, the Earnest Money or his initial deposit will be forfeited and the acceptance of the tender shall be considered as cancelled.
- 14 Field Management & Controlling/Coordinating Authority:** 14.1 The field management will be the responsibility of the ENGINEER-IN-CHARGE, who will be nominated by the EMPLOYER. The ENGINEER-IN-CHARGE may also authorise his representatives to assist in performing his duties and functions.
- 14.2 The ENGINEER-IN-CHARGE shall coordinate the works of various agencies engaged at site to ensure minimum disruption of work carried out by different agencies. It shall be the responsibility of the CONTRACTOR to plan and execute the work strictly in accordance with site instructions to avoid hindrance to the work being executed by other agencies.
- 15 Note to Schedule of Rates:** 15.1 The Schedule of Rates should be read in conjunction with all the other sections of the tender.
- 15.2 The tenderer shall be deemed to have studied the DRAWINGS,

SPECIFICATIONS and details of work to be done within TIME SCHEDULE and to have acquainted himself of the condition prevailing at site.

- 15.3 Rates must be filled in the Schedule of Rates of original Tender Documents. If quoted in separate typed sheets no variation in item description or specification shall be accepted. Any exceptions taken by the tenderer to the Schedule of Rates shall be brought out in the terms and conditions of the offer.
- 15.4 The quantities shown against the various items are only approximate. Any increase or decrease in the quantities shall not form the basis of alteration of the rates quoted and accepted.
- 15.5 The EMPLOYER reserves the right to interpolate the rates for such items of work falling between similar items of lower and higher magnitude.

16 Policy for Tenders Under Consideration:

- 16.1 Only Those Tenders which are complete in all respects and are strictly in accordance with the Terms and Conditions and Technical Specifications of Tender Document, shall be considered for evaluation. Such Tenders shall be deemed to be under consideration immediately after opening of Tender and until such time an official intimation of acceptance /rejection of Tender is made by RSGL to the Bidder.
- 16.2 Zero Deviation: Bidders to note that this is a ZERO DEVIATION TENDER. RSGL will appreciate submission of offer based on the terms and conditions in the enclosed General Conditions of Contract (GCC), Special Conditions of Contract (SCC), Instructions to Bidders (ITB), Scope of Work, technical specifications etc. to avoid wastage of time and money in seeking clarifications on technical/ commercial aspects of the offer. Bidder may note that no technical and commercial clarifications will be sought for after the receipt of the bids. In case of any deviation/nonconformity observed in the bid, it will be liable for rejection.

17 Award of Contract:

- 17.1 The Acceptance of Tender will be intimated to the successful Tenderer by RSGL either by Telex/ Telegram/ Fax or by Letter or like means-defined as LETTER OF ACCEPTANCE OF TENDER.
- 17.2 RSGL will be the sole judge in the matter of award of CONTRACT and the decision of RSGL shall be final and binding.

18 Clarification of Tender Document:

- 18.1 The Tender is required to carefully examine the Technical Specifications, Conditions of Contract, Drawings and other details relating to WORK and given in Tender Document and fully inform himself as to all conditions and matters which may in any way affect the WORK or the cost thereof. In case the Tenderer is in doubt about the completeness or correctness of any of the contents of the Tender Documents he should request in writing for an interpretation/clarification to RSGL in triplicate. RSGL will then issue interpretation/clarification to Tenderer in writing. Such clarifications and or interpretations shall form part of the Specifications and Documents and shall accompany the tender which shall be submitted by tenderer within time and date as specified in invitations to tender.
- 18.2 Verbal clarification and information given by RSGL or its employee(s) or its representatives shall not in any way be binding on RSGL.

19 Local Conditions:

- 19.1 It will be imperative on each tenderer to inform himself of all local conditions and factors which may have any effect on the execution of WORK covered under the Tender Document. In their own interest, the tenderer are requested to familiarise themselves with the Indian Income Tax Act 1961, Indian Companies Act 1956, Indian Customs Act 1962 and other related Acts and Laws and Regulations of India with their latest amendments, as applicable RSGL shall not entertain any requests for clarifications from the tenderer regarding such local conditions.
- 19.2 It must be understood and agreed that such factors have properly been investigated and considered while submitting the tender. No claim for financial or any other adjustments to VALUE OF CONTRACT, on lack of clarity of such factors shall be entertained.

20 Abnormal Rates:

- 20.1 The tenderer is expected to quote rate for each item after careful analysis of cost involved for the performance of the completed item considering all specifications and Conditions of Contract. This will avoid loss of profit or gain in case of curtailment or change of specification for any item. In case it is noticed that the rates quoted by the tenderer for any item are unusually high or unusually low, it will be sufficient cause for the rejection of the tender unless the EMPLOYER is convinced about the reasonableness after scrutiny of the analysis for such rate(s) to be furnished by the tenderer (on demand).

Section-IV. General Obligations

21 Priority of Contract Documents

- 21.1 Except if and the extent otherwise provided by the Contract, the provisions of the General Conditions of Contract and Special Conditions shall prevail over those of any other documents forming part of the CONTRACT. Several documents forming the CONTRACT are to be taken as mutually explanatory of one another, but in case of ambiguities or discrepancies the same shall be explained and adjusted by the ENGINEER-IN-CHARGE who shall thereupon issue to the Contractor instructions thereon and in such event, unless otherwise provided in the Contract, the priority of the documents forming the Contract shall be as follows:

- 1) The Contract Agreement ;
- 2) The Letter of Acceptance;
- 3) The (Instructions to Bidders)ITB;
- 4) Special Conditions of Contract (SCC);
- 5) General Conditions of Contract (GCC)
- 6) Any other document forming part of the Contract.

Works shown in the DRAWING but not mentioned in the SPECIFICATIONS OR described in the SPECIFICATIONS without being shown in the DRAWINGS shall nevertheless be deemed to be included in the same manner as if they had been specifically shown upon the DRAWINGS and described in the SPECIFICATIONS.

- 21.2 Headings and Marginal Notes: All headings and marginal notes to the clauses of these General Conditions of Contract or to the SPECIFICATIONS or to any other Tender Document are solely for the purpose of giving a concise indication and not a summary of the contents thereof, and they shall never be deemed to be part thereof or be used in the interpretation or construction thereof the CONTRACT.
- 21.3 Singular and Plural: In CONTRACT DOCUMENTS unless otherwise stated specifically, the singular shall include the plural

and vice versa wherever the context so requires.

22 Special Conditions of Contract:

21.4 Interpretation: Words implying 'Persons' shall include relevant 'Corporate Companies / Registered Associations/ Body of Individuals/ Firm of Partnership' as the case may be.

22.1 Special Conditions of Contract shall be read in conjunction with the General Conditions of Contract, specification of Work, Drawings and any other documents forming part of this CONTRACT wherever the context so requires.

22.2 Notwithstanding the sub-division of the documents into these separate sections and volumes every part of each shall be deemed to be supplementary to and complementary of every other part and shall be read with and into the CONTRACT so far as it may be practicable to do so.

22.3 Where any portion of the General Condition of Contract is repugnant to or at variance with any provisions of the Special Conditions of Contract, unless a different intention appears the provisions of the Special Conditions of Contract shall be deemed to over-ride the provisions of the General Conditions of Contract and shall to the extent of such repugnancy, or variations, prevail.

22.4 Wherever it is mentioned in the specifications that the CONTRACTOR shall perform certain WORK or provide certain facilities, it is understood that the CONTRACTOR shall do so at his cost and the VALUE OF CONTRACT shall be deemed to have included cost of such performance and provisions, so mentioned.

22.5 The materials, design and workmanship shall satisfy the relevant INDIAN STANDARDS, the JOB SPECIFICATIONS contained herein and CODES referred to. Where the job specification stipulate requirements in addition to those contained in the standard codes and specifications, these additional requirements shall also be satisfied.

23 Contractor to obtain his own Information:

23.1 The CONTRACTOR in fixing his rate shall for all purpose whatsoever reason may be, deemed to have himself independently obtained all necessary information for the purpose of preparing his tender and his tender as accepted shall be deemed to have taken into account all contingencies as may arise due to such information or lack of same. The correctness of the details, given in the Tender Document to help the CONTRACTOR to make up the tender is not guaranteed.

The CONTRACTOR shall be deemed to have examined the CONTRACT DOCUMENTS, to have generally obtained his own information in all matters whatsoever that might affect the carrying out of the works at the schedules rates and to have satisfied himself to the sufficiency of his tender. Any error in description of quantity or omission therefrom shall not vitiate the CONTRACT or release the CONTRACTOR from executing the work comprised in the CONTRACT according to DRAWINGS and SPECIFICATIONS at the scheduled rates. He is deemed to have known the scope, nature and magnitude of the WORKS and the requirements of materials and labour involved etc., and as to what all works he has to complete in accordance with the CONTRACT documents whatever be the defects, omissions or errors that may be found in the DOCUMENTS. The CONTRACTOR shall be deemed to have visited surroundings, to have satisfied himself to

the nature of all existing structures, if any, and also as to the nature and the conditions of the Railways, Roads, Bridges and Culverts, means of transport and communication, whether by land, water or air, and as to possible interruptions thereto and the access and egress from the site, to have made enquiries, examined and satisfied himself as to the sites for obtaining sand, stones, bricks and other materials, the sites for disposal of surplus materials, the available accommodation as to whatever required, depots and such other buildings as may be necessary for executing and completing the works, to have made local independent enquiries as to the sub-soil, subsoil water and variations thereof, storms, prevailing winds, climatic conditions and all other similar matters effecting these works. He is deemed to have acquainted himself as to his liability of payment of Government Taxes, Customs duty and other charges, levies etc.

Any neglect or omission or failure on the part of the CONTRACTOR in obtaining necessary and reliable information upon the foregoing or any other matters affecting the CONTRACT shall not relieve him from any risks or liabilities or the entire responsibility from completion of the works at the scheduled rates and times in strict accordance with the CONTRACT.

It is, therefore, expected that should the CONTRACTOR have any doubt as to the meaning of any portion of the CONTRACT DOCUMENT he shall set forth the particulars thereof in writing to EMPLOYER in duplicate, before submission of tender. The EMPLOYER may provide such clarification as may be necessary in writing to CONTRACT, such clarifications as provided by EMPLOYER shall form part of CONTRACT DOCUMENTS.

No verbal agreement or inference from conversation with any effect or employee of the EMPLOYER either before, during or after the execution of the CONTRACT agreement shall in any way affect or modify and of the terms or obligations herein contained.

Any change in layout due to site conditions or technological requirement shall be binding on the CONTRACTOR and no extra claim on this account shall be entertained.

24 Contract Performance Security:

- 24.1 The CONTRACTOR shall furnish to the EMPLOYER, within 15 days from the date of notification of award, a security in the sum of 10% of the accepted value of the tender or the actual value of work to be done whichever is applicable due to any additional work or any other reasons, in the form of a Bank draft/Banker's cheque or Bank Guarantee or irrevocable Letter of credit (as per proforma enclosed) as Contract Performance Security with the EMPLOYER which will be refunded after the expiry of DEFECTS LIABILITY PERIOD.
- 24.2 CONTRACTOR can furnish the Contract Performance Security in the form of Demand Draft or through a Bank Guarantee or through an irrevocable Letter of Credit from any Indian scheduled bank or a branch of an International bank situated in India and registered with Reserve Bank of India as scheduled foreign bank. However, other than the Nationalised Indian Banks, the banks whose BGs are furnished, must be commercial banks having net worth in excess of Rs. 100 crores and a declaration to this effect should be made by such commercial bank either in the bank guarantee itself or separately on a letter head.

The bank guarantee or the Letter of Credit shall be submitted in the prescribed format.

- 24.3 If the CONTRACTOR/SUB-CONTRACTOR or their employees or the CONTRACTOR's agents and representatives shall damage, break, deface or destroy any property belonging to the EMPLOYER or others during the execution of the CONTRACT, the same shall be made good by the CONTRACTOR at his own expenses and in default thereof, the ENGINEER-IN-CHARGE may cause the same to be made good by other agencies and recover expenses from the CONTRACTOR (for which the certificate of the ENGINEER- IN-CHARGE shall be final).
- 24.4 All compensation or other sums of money payable by the CONTRACTOR to the EMPLOYER under terms of this CONTRACT may be deducted from or paid by the encashment or sale of a sufficient part of his Contract Performance Security or from any sums which may be due or may become due to the CONTRACTOR by the EMPLOYER of any account whatsoever and in the event of his Contract Performance Security being reduced by reasons of any such deductions or sale of aforesaid, the CONTRACTOR shall within ten days thereafter make good in cash, bank drafts as aforesaid any sum or sums which may have been deducted from or realized by sale of his Contract Performance Security, or any part thereof. No interest shall be payable by the EMPLOYER for sum deposited as Contract Performance Security.
- 24.5 Failure of the successful bidder to comply with the requirements of this Clause shall constitute sufficient grounds for the annulment of the award and the forfeiture of bid security.

25 Time of Performance:

25.1 Time for Mobilization

The work covered by this CONTRACT shall be commenced within fifteen (15) days, the date of letter/Fax of Intent and be completed in stages on or before the dates as mentioned in the TIME SCHEDULE OF COMPLETION OF WORK. The CONTRACTOR should bear in mind that time is the essence of this agreement. Request for revision of construction time after tenders are opened will not receive consideration. The above period of fifteen (15) days is included within the overall COMPLETION SCHEDULE, not over and above the completion time to any additional work or any other reasons.

25.2 Time Schedule of Construction:

- 25.2.1 The general Time Schedule of construction is given in the TENDER DOCUMENT. CONTRACTOR should prepare a detailed monthly or weekly construction program jointly with the ENGINEER-IN-CHARGE within 15 days of receipt of LETTER/FAX OF INTENT or ACCEPTANCE OF TENDER. The WORK shall be executed strictly as per the Time Schedule given in the CONTRACT DOCUMENT. The period of construction given includes the time required for mobilisation testing, rectifications, if any, retesting and completion in all respects in accordance with CONTRACT DOCUMENT to the entire satisfaction of the ENGINEER-IN-CHARGE.
- 25.2.2 The CONTRACTOR shall submit a detailed PERT network within the time frame agreed above consisting of adequate number of activities covering various key phases of the WORK such as

design, procurement, manufacturing, shipment and field erection activities within fifteen (15) days from the date of LETTER/FAX OF INTENT. This network shall also indicate the interface facilities to be provided by the EMPLOYER and the dates by which such facilities are needed.

25.2.3 CONTRACTOR shall discuss the network so submitted with the EMPLOYER and the agreed network which may be in the form as submitted with the EMPLOYER or in revised form in line with the outcome of discussions shall form part of the CONTRACT, to be signed within fifteen (15) days from the date of LETTER OF ACCEPTANCE OF TENDER. During the performance of the CONTRACT, if in the opinion of the EMPLOYER proper progress is not maintained suitable changes shall be made in the CONTRACTOR's operation to ensure proper progress.

The above PERT network shall be reviewed periodically and reports shall be submitted by the CONTRACTOR as directed by EMPLOYER.

26 Force Majeure:

26.1 CONDITIONS FOR FORCE MAJEURES

In the event of either party being rendered unable by Force Majeure to perform any obligations required to be performed by them under the CONTRACT the relative obligation of the party affected by such Force Majeures shall upon notification to the other party be suspended for the period during which Force Majeures event lasts. The cost and loss sustained by the either party shall be borne by the respective parties.

The term "Force Majeures" as employed herein shall mean acts of God, earthquake, war (declared or undeclared), revolts, riots, fires, floods, rebellions, explosions, hurricane, sabotage, civil commotions and acts and regulations of respective Government of the two parties, namely the EMPLOYER and the CONTRACTOR.

Upon the occurrence of such cause(s) and upon its termination, the party alleging that it has been rendered unable as aforesaid thereby, shall notify the other party in writing immediately but not later than 72 (Seventy-two) hours of the alleged beginning and ending thereof giving full particulars and satisfactory evidence in support of its claim.

Time for performance of the relative obligation suspended by the Force Majeures shall then stand extended by the period for which such cause lasts.

If deliveries of bought out items and/or works to be executed by the CONTRACTOR are suspended by Force Majeure conditions lasting for more than 2 (two) months the EMPLOYER shall have the option to terminate the CONTRACT or re-negotiate the contract provisions.

26.2 OUTBREAK OF WAR

26.2.1 If during the currency of the CONTRACT there shall be an out-break of war whether declared or not, in that part of the World which whether financially or otherwise materially affect the execution of the WORK the CONTRACTOR shall unless and until the CONTRACT is terminated under the provisions in this

clause continue to use his best endeavour to complete the execution of the WORK, provided always that the EMPLOYER shall be entitled, at any time after such out-break of war to terminate or re-negotiate the CONTRACT by giving notice in writing to the CONTRACTOR and upon such notice being given the CONTRACT shall, save as to the rights of the parties under this clause and to the operation of the clauses entitled settlement of Disputes and Arbitration hereof, be terminated but without prejudice to the right of either party in respect of any antecedent breach thereof.

26.2.2 If the CONTRACT shall be terminated under the provisions of the above clause, the CONTRACTOR shall with all reasonable diligence remove from the SITE all the CONTRACTOR's equipment and shall give similar facilities to his SUB-CONTRACTORS to do so.

27 Price reduction schedule:

27.1 Time is the essence of the CONTRACT. In case the CONTRACTOR fails to complete the WORK within the stipulated period, then, unless such failure is due to Force Majeure as defined in Clause 26 here above or due to EMPLOYER's defaults, the Total Contract price shall be reduced by ½ % of the total Contract Price per complete week of delay or part thereof subject to a maximum of 5 % of the Total Contract Price, by way of reduction in price for delay and not as penalty. The said amount will be recovered from amount due to the Contractor/ Contractor's Contract Performance Security payable on demand.

The decision of the ENGINEER-IN-CHARGE in regard to applicability of Price Reduction Schedule shall be final and binding on the CONTRACTOR.

27.2 All sums payable under this clause is the reduction in price due to delay in completion period at the above agreed rate.

27.3 Bonus For Early Completion (*)

27.3 BONUS FOR EARLY COMPLETION

If the Contractor achieves completion of Works in all respect prior to the time schedule stipulated in the SCC, the Employer shall pay to the Contractor the relevant sum, if mentioned specifically in SCC, as bonus for early completion. The bonus for early completion, if provided specifically in SCC, shall be payable to the maximum ceiling of 2 ½ % of the total contract price.

(*) Partial earlier completion may not always produce net benefits to the Employer, for example where utilization of the completed Works requires (a) the fulfilment of all parts of the Contract (e.g. the training of personnel); or (b) the completion of all Sections (e.g. in pipeline laying, where early completion of the laying of pipeline would not be useful if the compressor is still under installation); or (c) certain seasonal effects to take place (e.g. onset of the rainy season, for impounding a reservoir); or (d) other circumstances. Also a more rapid drawdown of budgeted funds may be required. All such factors should be considered prior to the inclusion of a bonus clause in the Contract.

28 Rights of the employer to forfeit contract performance security:

28.1 Whenever any claim against the CONTRACTOR for the payment of a sum of money arises out or under the CONTRACT, the EMPLOYER shall be entitled to recover such sum by appropriating in part or whole the Contract Performance Security of the CONTRACTOR. In the event of the security being

insufficient or if no security has been taken from the CONTRACTOR, then the balance or the total sum recoverable, as the case may be shall be deducted from any sum then due or which at any time thereafter may become due to the CONTRACTOR. The CONTRACTOR shall pay to the EMPLOYER on demand any balance remaining due.

29 Failure by the contractor to comply with the provisions of the contract:

29.1

If the CONTRACTOR refuses or fails to execute the WORK or any separate part thereof with such diligence as will ensure its completion within the time specified in the CONTRACT or extension thereof or fails to perform any of his obligation under the CONTRACT or in any manner commits a breach of any of the provisions of the CONTRACT it shall be open to the EMPLOYER at its option by written notice to the CONTRACTOR:

a) TO DETERMINE THE CONTRACT in which event the CONTRACT shall stand terminated and shall cease to be in force and effect on and from the date appointed by the EMPLOYER on that behalf, whereupon the CONTRACTOR shall stop forthwith any of the CONTRACTOR's work then in progress, except such WORK as the EMPLOYER may, in writing, require to be done to safeguard any property or WORK, or installations from damage, and the EMPLOYER, for its part, may take over the work remaining unfinished by the CONTRACTOR and complete the same through a fresh contractor or by other means, at the risk and cost of the CONTRACTOR, and any of his sureties if any, shall be liable to the EMPLOYER for any excess cost occasioned by such work having to be so taken over and completed by the EMPLOYER over and above the cost at the rates specified in the schedule of quantities and rate/prices.

b) WITHOUT DETERMINING THE CONTRACT to take over the work of the CONTRACTOR or any part thereof and complete the same through a fresh contractor or by other means at the risk and cost of the CONTRACTOR. The CONTRACTOR and any of his sureties are liable to the EMPLOYER for any excess cost over and above the cost at the rates specified in the Schedule of Quantities/ rates, occasioned by such works having been taken over and completed by the EMPLOYER.

29.2

In such events of Clause 29.1(a) or (b)above.

a) The whole or part of the Contract Performance Security furnished by the CONTRACTOR is liable to be forfeited without prejudice to the right of the EMPLOYER to recover from the CONTRACTOR the excess cost referred to in the sub-clause aforesaid, the EMPLOYER shall also have the right of taking possession and utilising in completing the works or any part thereof, such as materials equipment and plants available at work site belonging to the CONTRACTOR as may be necessary and the CONTRACTOR shall not be entitled for any compensation for use or damage to such materials, equipment and plant.

b) The amount that may have become due to the CONTRACTOR on account of work already executed by

him shall not be payable to him until after the expiry of Six (6) calendar months reckoned from the date of termination of CONTRACT or from the taking over of the WORK or part thereof by the EMPLOYER as the case may be, during which period the responsibility for faulty materials or workmanship in respect of such work shall, under the CONTRACT, rest exclusively with the CONTRACTOR. This amount shall be subject to deduction of any amounts due from the CONTRACT to the EMPLOYER under the terms of the CONTRACT authorised or required to be reserved or retained by the EMPLOYER.

29.3 Before determining the CONTRACT as per Clause 29.1(a) or (b) provided in the judgement of the EMPLOYER, the default or defaults committed by the CONTRACTOR is/are curable and can be cured by the CONTRACTOR if an opportunity given to him, then the EMPLOYER may issue Notice in writing calling the CONTRACTOR to cure the default within such time specified in the Notice.

29.4 The EMPLOYER shall also have the right to proceed or take action as per 29.1(a) or (b) above, in the event that the CONTRACTOR becomes bankrupt, insolvent, compounds with his creditors, assigns the CONTRACT in favour of his creditors or any other person or persons, or being a company or a corporation goes into voluntary liquidation, provided that in the said events it shall not be necessary for the EMPLOYER to give any prior notice to the CONTRACTOR.

29.5 Termination of the CONTRACT as provided for in sub- clause 29.1(a) above shall not prejudice or affect their rights of the EMPLOYER which may have accrued upto the date of such termination.

30 Contractor remains liable to pay compensation if action not taken under clause 29:

30.1 In any case in which any of the powers conferred upon the EMPLOYER BY CLAUSE 29.0 thereof shall have become exercisable and the same had not been exercised, the non-exercise thereof shall not constitute a waiver of any of the conditions hereof and such powers shall notwithstanding be exercisable in the event of any further case of default by the CONTRACTOR for which by any clause or clauses hereof he is declared liable to pay compensation amounting to the whole of his Contract Performance Security, and the liability of the CONTRACTOR for past and future compensation shall remain unaffected. In the event of the EMPLOYER putting in force the power under above sub-clause (a), (b) or (c) vested in him under the preceding clause he may, if he so desired, take possession of all or any tools, and plants, materials and stores in or upon the works or the site thereof belonging to the CONTRACTOR or procured by him and intended to be used for the execution of the WORK or any part thereof paying or allowing for the same in account at the CONTRACT rates or in case of these not being applicable at current market rates to be certified by the ENGINEER-IN-CHARGE whose certificate thereof shall be final, otherwise the ENGINEER-IN- CHARGE may give notice in writing to the CONTRACTOR or his clerk of the works, foreman or other authorised agent, requiring him to remove such tools, plant, materials or stores from the premises (within a time to be specified in such notice), and in the event of the CONTRACTOR failing to comply with any such requisition, the ENGINEER-IN-CHARGE may remove them at the

CONTRACTOR's expense or sell them by auction or private sale on account of the CONTRACTOR and at his risk in all respects without any further notice as to the date, time or place of sale and the certificate of the ENGINEER-IN-CHARGE as to the expenses of any such removal and the amount of the proceeds and expenses of any such sale shall be final and conclusive against the CONTRACTOR.

31 Change in constitution:

31.1 Where the CONTRACTOR is a partnership firm, the prior approval of the EMPLOYER shall be obtained in writing, before any change is made in the constitution of the firm. Where the CONTRACTOR is an individual or a Hindu undivided family business concern, such approval as aforesaid shall, likewise be obtained before such CONTRACTOR enters into any agreement with other parties, where under, the reconstituted firm would have the right to carry out the work hereby undertaken by the CONTRACTOR. In either case if prior approval as aforesaid is not obtained, the CONTRACT shall be deemed to have been allotted in contravention of clause 37 hereof and the same action may be taken and the same consequence shall ensue as

provided in the said clause.

32 Termination of contract

32(A) TERMINATION OF CONTRACT FOR DEATH:

If the CONTRACTOR is an individual or a proprietary concern and the individual or the proprietor dies or if the CONTRACTOR is a partnership concern and one of the partner dies then unless, the EMPLOYER is satisfied that the legal representative of the individual or the proprietary concern or the surviving partners are capable of carrying out and completing CONTRACT, he (the EMPLOYER) is entitled to cancel the CONTRACT for the uncompleted part without being in any way liable for any compensation payment to the estate of the deceased CONTRACTOR and/or to the surviving partners of the CONTRACTOR'S firm on account of the cancellation of CONTRACT. The decision of the EMPLOYER in such assessment shall be final and binding on the parties. In the event of such cancellation, the EMPLOYER shall not hold the estate of the deceased CONTRACTOR and/or the surviving partners of the CONTRACTOR'S firm liable for any damages for non-completion of CONTRACT.

32(B) TERMINATION OF CONTRACT IN CASE OF LIQUIDATION / BANKRUPTCY ETC.

If the Contractor shall dissolve or become bankrupt or insolvent or cause or suffer any receiver to be appointed of his business of any assets thereof compound with his Creditors, or being a corporation commence to be wound up, not being a member's voluntary winding up for the purpose of amalgamation or reconstruction, or carry on its business under a Receiver for the benefits of its Creditors any of them, EMPLOYER shall be at liberty :-

To terminate the contract forthwith upon coming to know of the happening of any such event as aforesaid by notice in writing to the Contractor or to give the Receiver or liquidator or other person, the option of carrying out the contract subject to his providing a guarantee upto an amount to be agreed upon by EMPLOYER for due and faithful performance of the contract.

32 (C) In case of termination of CONTRACT herein set forth (under clause 29.0) except under conditions of Force Majeure and termination after expiry of contract, the CONTRACTOR shall be

put under holiday [i.e. neither any enquiry will be issued to the party by RSGL against any type of tender nor their offer will be considered by RSGL against any ongoing tender (s) where contract between RSGL and that particular CONTRACTOR (as a bidder) has not been finalized] for three years from the date of termination by RSGL Limited to such CONTRACTOR.

33 Members of the employer not individually liable :

33.1 No Director, or official or employee of the EMPLOYER/ CONSULTANT shall in any way be personally bound or liable for the acts or obligations of the EMPLOYER under the CONTRACT or answerable for any default or omission in the observance or performance of any of the acts, matters or things which are herein contained.

34 Employer not bound by personal representations:

34.1 The CONTRACTOR shall not be entitled to any increase on the scheduled rates or any other right or claim whatsoever by reason of any representation, explanation statement or alleged representation, promise or guarantees given or alleged to have been given to him by any person.

35 Contractor's office at site:

35.1 The CONTRACTOR shall provide and maintain an office at the site for the accommodation of his agent and staff and such office shall be open at all reasonable hours to receive instructions, notice or other communications. The CONTRACTOR at all time shall maintain a site instruction book and compliance of these shall be communicated to the ENGINEER-IN CHARGE from time to time and the whole document to be preserved and handed over after completion of works.

36 Contractor's subordinate staff and their conduct

36.1 The CONTRACTOR, on or after award of the WORK shall name and depute a qualified engineer having sufficient experience in carrying out work of similar nature, to whom the equipments, materials, if any, shall be issued and instructions for works given. The CONTRACTOR shall also provide to the satisfaction of the ENGINEER-IN- CHARGE sufficient and qualified staff to superintend the execution of the WORK, competent sub-agents, foremen and leading hands including those specially qualified by previous experience to supervise the types of works comprised in the CONTRACT in such manner as will ensure work of the best quality, expeditious working. Whenever in the opinion of the ENGINEER-IN- CHARGE additional properly qualified supervisory staff is considered necessary, they shall be employed by the CONTRACTOR without additional charge on accounts thereof. The CONTRACTOR shall ensure to the satisfaction of the ENGINEER-IN-CHARGE that SUB- CONTRACTORS, if any, shall provide competent and efficient supervision, over the work entrusted to them.

36.2 If and whenever any of the CONTRACTOR's or SUB-CONTRACTOR'S agents, sub-agents, assistants, foremen, or other employees shall in the opinion of ENGINEER-IN- CHARGE be guilty of any misconduct or be incompetent or insufficiently qualified or negligent in the performance of their duties of that in the opinion of the EMPLOYER or the ENGINEER-IN-CHARGE, it is undesirable for administrative or any other reason for such person or persons to be employed in the works, the CONTRACTOR, is so directed by the ENGINEER-IN-CHARGE, shall at once remove such person or persons from employment thereon. Any person or persons so removed from the works shall not again be employed in connection with the WORKS without the written permission of the ENGINEER-IN- CHARGE. Any person so removed from the WORK shall be immediately re-placed at the expense of the CONTRACTOR by a qualified and competent substitute. Should the CONTRACTOR be

requested to repatriate any person removed from the works he shall do so and shall bear all costs in connection herewith.

- 36.3 The CONTRACTOR shall be responsible for the proper behaviour of all the staff, foremen, workmen, and others, and shall exercise a proper degree of control over them and in particular and without prejudice to the said generality, the CONTRACTOR shall be bound to prohibit and prevent any employees from trespassing or acting in any way detrimental or prejudicial to the interest of the community or of the properties or occupiers of land and properties in the neighborhood and in the event of such employee so trespassing, the CONTRACTOR shall be responsible therefore and relieve the EMPLOYER of all consequent claims or actions for damages or injury or any other grounds whatsoever. The decision of the ENGINEER-IN-CHARGE upon any matter arising under this clause shall be final. The CONTRACTOR shall be liable for any liability to EMPLOYER on account of deployment of CONTRACTOR's staff etc. or incidental or arising out of the execution of CONTRACT.

The CONTRACTOR shall be liable for all acts or omissions on the part of his staff, Foremen and Workmen and others in his employment, including misfeasance or negligence of whatever kind in the course of their work or during their employment, which are connected directly or indirectly with the CONTRACT.

- 36.4 If and when required by the EMPLOYER and CONTRACTOR's personnel entering upon the EMPLOYER's premises shall be properly identified by badges of a type acceptable to the EMPLOYER which must be worn at all times on EMPLOYER's premises. CONTRACTOR may be required to obtain daily entry passes for his staff/employees from EMPLOYER to work within operating areas. These being safety requirements, no relaxations on this account shall be given to CONTRACTOR.

- 36.5 The contractor shall obtain necessary certificate with regard to verification of character and antecedents in respect of personnel deployed / proposed to be deployed to carry out the contractual obligations and provide the copy of the said certificate for facilitating Photo Pass to enter into RSGL's premises.

37 Sub-letting of works:

- 37.1 No part of the CONTRACT nor any share or interest therein shall in any manner or degree be transferred, assigned or sublet by the CONTRACTOR directly or indirectly to any person, firm or corporation whatsoever without the consent in writing, of the ENGINEER/EMPLOYER except as provided for in the succeeding sub-clause.

i) SUB-CONTRACTS FOR TEMPORARY WORKS ETC.:

The EMPLOYER may give written consent to Sub- contract for the execution of any part of the WORK at the site, being entered in to by CONTRACTOR provided each individual Sub- contract is submitted to the ENGINEER-IN-CHARGE before being entered into and is approved by him.

ii) LIST OF SUB-CONTRACTORS TO BE SUPPLIED:

At the commencement of every month the

CONTRACTOR shall furnish to the ENGINEER-IN-CHARGE list of all SUB-CONTRACTORS or other persons or firms engaged by the CONTRACTOR and working at the SITE during the previous month with particulars of the general nature of the Subcontract or works done by them.

iii) CONTRACTOR'S LIABILITY NOT LIMITED BY SUB-CONTRACTORS: _

Notwithstanding any sub-letting with such approval as aforesaid and notwithstanding that the ENGINEER-IN-CHARGE shall have received copies of any Subcontracts, the contractor shall be and shall remain solely responsible for the quality, proper and expeditious execution of the Contract in all respects as if such sub-letting or Subcontracting had not taken place, and as if such work had been done directly by the CONTRACTOR. The CONTRACTOR shall bear all responsibility for any act or omission on the part of sub-contractors in regard to work to be performed under the CONTRACT.

iv) EMPLOYER MAY TERMINATE SUB-CONTRACTS: _

If any SUB-CONTRACTOR engaged upon the works at the site executes any works which in the opinion of the ENGINEER-IN-CHARGE is not in accordance with the CONTRACT documents, the EMPLOYER may by written notice to the CONTRACTOR request him to terminate such subcontract and the CONTRACTOR upon the receipt of such notice shall terminate such Subcontract and dismiss the SUB-CONTRACTOR(S) and the later shall forthwith leave the works, failing which the EMPLOYER shall have the right to remove such SUB- CONTRACTOR(S) from the site.

v) NO REMEDY FOR ACTION TAKEN UNDER THIS CLAUSE:

No action taken by the EMPLOYER under the clause shall relieve the CONTRACTOR of any of his liabilities under the CONTRACT or give rise to any right or compensation, extension of time or otherwise failing which the EMPLOYER shall have the right to remove such SUB- CONTRACTOR(S) from the site.

38 Power of entry:

38.1 If the CONTRACTOR shall not commence the WORK in the manner previously described in the CONTRACT documents or if he shall at any time in the opinion of the ENGINEER-IN-CHARGE.

- i) fail to carry out the WORK in conformity with the CONTRACT documents, or
- ii) fail to carry out the WORK in accordance with the TimeSchedule, or
- iii) substantially suspend work or the WORK for a period of fourteen days without authority from the ENGINEER-IN-CHARGE, or

- iv) fail to carry out and execute the WORK to the satisfaction of the ENGINEER-IN-CHARGE, or
- v) fail to supply sufficient or suitable construction plant, temporary works, labour, materials or things, or
- vi) Commit, suffer, or permit any other breach of any of the provisions of the CONTRACT on his part to be performed or observed or persist in any of the above mentioned breaches of the CONTRACT for fourteen days, after notice in writing shall have been given to the CONTRACTOR by the ENGINEER-IN-CHARGE requiring such breach to be remedied, or
- vii) if the CONTRACTOR shall abandon the WORK or
- viii) If the CONTRACTOR during the continuance of the CONTRACT shall become bankrupt, make any arrangement or composition with his creditors, or permit any execution to be levied or go into liquidation whether compulsory or voluntary not being merely a voluntary liquidation for the purpose of amalgamation or reconstruction **then** in any such case, the EMPLOYER shall have the power to enter upon the WORK and take possession thereof and of the materials, temporary WORK, construction plant, and stock thereon, and to revoke the CONTRACTOR's license to use the same, and to complete the WORK by his agents, other CONTRACTORS or workmen or to relate the same upon any terms and to such other person, firm or corporation as the EMPLOYER in his absolute discretion may think proper to employ and for the purpose aforesaid to use or authorise the use of any materials, temporary work, CONSTRUCTION PLANT, and stock as aforesaid, without making payment or allowance to the CONTRACTOR for the said materials other than such as may be certified in writing by the ENGINEER-IN-CHARGE to be reasonable, and without making any payment or allowance to the CONTRACTOR for the use of the temporary said works, construction plant and stock or being liable for any loss or damage thereto, and if the EMPLOYER shall by reason of his taking possession of the WORK or of the WORK being completed by other CONTRACTOR (due account being taken of any such extra work or works which may or be omitted) then the amount of such excess as certified by the ENGINEER-IN-CHARGE shall be deducted from any money which may be due for work done by the CONTRACTOR under the CONTRACT and not paid for. Any deficiency shall forthwith be made good and paid to the EMPLOYER by the CONTRACTOR and the EMPLOYER shall have power to sell in such manner and for such price as he may think fit all or any of the construction plant, materials etc. constructed by or belonging to and to recoup and retain the said deficiency or any part thereof out of proceeds of the sale.

39 Contractor's responsibility with the mechanical, electrical, intercommunication system, air-conditioning contractors and other agencies:

39.1 Without repugnance of any other condition, it shall be the responsibility of the CONTRACTOR executing the work of civil construction, to work in close cooperation and coordinate the WORK with the Mechanical, Electrical, Air-conditioning and Intercommunication Contractor's and other agencies or their authorised representatives, in providing the necessary grooves, recesses, cuts and opening etc., in wall, slabs beams and columns etc. and making good the same to the desired finish as per specification, for the placement of electrical, intercommunication cables, conduits, air-conditioning inlets and outlets grills and other equipments etc. where required. For the above said requirements in the false ceiling and other partitions, the CONTRACTOR before starting-up the work shall in consultation with the Electrical, Mechanical, Intercommunication, Air-conditioning contractor and other agencies prepare and put-up a joint scheme, showing the necessary openings, grooves, recesses, cuts, the methods of fixing required for the WORK of the aforesaid, and the finishes therein, to the ENGINEER-IN-CHARGE and get the approval. The CONTRACTOR before finally submitting the scheme to the ENGINEER-IN-CHARGE, shall have the written agreement of the other agencies. The ENGINEER- IN-CHARGE, before communicating his approval to the scheme, with any required modification, shall get the final agreement of all the agencies, which shall be binding. No claim shall be entertained on account of the above.

The CONTRACTOR shall confirm in all respects with provision of any statutory regulations, ordinances or byelaws of any local or duly constituted authorities or public bodies which may be applicable from time to time to the WORK or any temporary works. The CONTRACTOR shall keep the EMPLOYER indemnified against all penalties and liabilities of every kind, arising out of non- adherence to such stains, ordinances, laws, rules, regulations, etc.

40 Other agencies at site:

40.1 The CONTRACTOR shall have to execute the WORK in such place and conditions where other agencies will also be engaged for other works such as site grading, filling, and levelling, electrical and mechanical engineering works, etc. No claim shall be entertained due to WORK being executed in the above circumstances.

41 Notice:

41.1 TO THE CONTRACTOR:

Any notice hereunder may be served on the CONTRACTOR or his duly authorized representative at the job site or may be served by registered mail direct to the address furnished by the CONTRACTOR. Proof of issue of any such notice could be conclusive of the CONTRACTOR having been duly informed of all contents therein.

41.2 TO THE EMPLOYER:

Any notice to be given to the EMPLOYER under the terms of the CONTRACTOR shall be served by sending the same by Registered mail to or delivering the same at the respective site

offices of M/S. RSGL addressed to the HEAD/SITE-IN-CHARGE.

42 Right of various interests:

42.1 i) The EMPLOYER reserves the right to distribute the work between more than one agency(ies). The

CONTRACTOR shall cooperate and afford other agency(ies) reasonable opportunity for access to the WORK for the carriage and storage of materials and execution of their works.

- ii) Wherever the work being done by any department of the EMPLOYER or by other agency(ies) employed by the EMPLOYER is contingent upon WORK covered by this CONTRACT, the respective rights of the various interests involved shall be determined by the ENGINEER-IN-CHARGE to secure the completion of the various portions of the work in general harmony.

43 Patents and royalties:

- 43.1 The CONTRACTOR, if licensed under any patent covering equipment, machinery, materials or compositions of matter to be used or supplied or methods and process to be practised or employed in the performance of this CONTRACT, agrees to pay all royalties and license fees which may be due with respect thereto. If any equipment, machinery, materials, composition of matters, be used or supplied or methods and processes to be practised or employed in the performance of this CONTRACT, is covered by a patent under which the CONTRACTOR is not licensed then the CONTRACTOR before supplying or using the equipment, machinery materials, composition method or processes shall obtain such licenses and pay such royalties and license fees as may be necessary for performance of this CONTRACT. In the event the CONTRACTOR fails to pay any such royalty or obtain any such license, any suit for infringement of such patents which is brought against the CONTRACTOR or the EMPLOYER as a result such failure will be defended by the CONTRACTOR at his own expense and the CONTRACTOR will pay any damages and costs awarded in such suit. The CONTRACTOR shall promptly notify the EMPLOYER if the CONTRACTOR has acquired the knowledge of any plant under which a suit for infringement could be reasonably brought because of the use by the EMPLOYER of any equipment, machinery, materials, process, methods to be supplied hereunder. The CONTRACTOR agrees to and does hereby grant to EMPLOYER, together with the right to extend the same to any of the subsidiaries of the EMPLOYER as irrevocable, royalty free license to use in any country, any invention made by the CONTRACTOR or his employee in or as result of the performance of the WORK under the CONTRACT.
- 43.2 All charges on account of royalty. toilage, rent, octroi terminal or sales tax and/or other duties or any other levy on materials obtained for the work or temporary work or part thereof (excluding materials provided by the EMPLOYER) shall be borne by the CONTRACTOR.
- 43.3 The CONTRACTOR shall not sell or otherwise dispose of or remove except for the purpose of this CONTRACT, the sand, stone, clay, ballast, earth, rock or other substances, or materials obtained from any excavation made for the purpose of the WORK or any building or produce upon the site at the time of delivery of the possession thereof, but all such substances, materials, buildings and produce shall be the property of the EMPLOYER provided that the CONTRACTOR may with the permission of the ENGINEER-IN-CHARGE, use the same for the purpose of the work by payment of cost of the same at such a rate as may be determined by the ENGINEER-IN-CHARGE.

43.4 The EMPLOYER shall indemnify and save harmless the CONTRACTOR from any loss on account of claims against CONTRACTOR for the contributory infringement of patent rights arising out and based upon the claim that the use of the EMPLOYER of the process included in the design prepared by the EMPLOYER and used in the operation of the plant infringes on any patent right. With respect to any subcontract entered into by CONTRACTOR pursuant to the provisions of the relevant clause hereof, the CONTRACTOR shall obtain from the SUB-CONTRACTOR an undertaking to provide the EMPLOYER with the same patent protection that CONTRACTOR is required to provide under the provisions of this clause.

44 Liens:

44.1 If, at any time there should be evidence or any lien or claim for which the EMPLOYER might have become liable and which is chargeable to the CONTRACTOR, the EMPLOYER shall have the right to retain out of any payment then due or thereafter to become due an amount sufficient to completely indemnify the EMPLOYER against such lien or claim and if such lien or claim be valid, the EMPLOYER may pay and discharge the same and deduct the amount so paid from any money which may be or may become due and payable to the CONTRACTOR. If any lien or claim remain unsettled after all payments are made, the CONTRACTOR shall refund or pay to the EMPLOYER all money that the latter may be compelled to pay in discharging such lien or claim including all costs and reasonable expenses. EMPLOYER reserves the right to do the same.

44.2 The EMPLOYER shall have lien on all materials, equipments including those brought by the CONTRACTOR for the purpose of erection, testing and commissioning of the WORK.

44.3 The final payment shall not become due until the CONTRACTOR delivers to the ENGINEER-IN-CHARGE a complete release or waiver of all liens arising or which may arise out of his agreement or receipt in full or certification by the CONTRACTOR in a form approved by ENGINEER-IN-CHARGE that all invoices for labour, materials, services have been paid in lien thereof and if required by the ENGINEER-IN-CHARGE in any case an affidavit that so far as the CONTRACTOR has knowledge or information the releases and receipts include all the labour and material for which a lien could be filled.

44.4 CONTRACTOR will indemnify and hold the EMPLOYER harmless, for a period of two years after the issue of FINAL CERTIFICATE, from all liens and other encumbrances against the EMPLOYER on account of debts or claims alleged to be due from the CONTRACTOR or his SUB-CONTRACTOR to any person including SUB- CONTRACTOR and on behalf of EMPLOYER will defend at his own expense, any claim or litigation brought against the EMPLOYER or the CONTRACTOR in connection therewith. CONTRACTOR shall defend or contest at his own expense any fresh claim or litigation by any person including his SUB-CONTRACTOR, till its satisfactory settlement even after the expiry of two years from the date of issue of FINAL CERTIFICATE.

45 Delays by employer or his authorized agents:

45.1 In case the CONTRACTOR's performance is delayed due to any act or omission on the part of the EMPLOYER or his authorised agents, then the CONTRACTOR shall be given due extension of time for the completion of the WORK, to the extent such omission

on the part of the EMPLOYER has caused delay in the CONTRACTOR's performance of his WORK.

- 45.2 No adjustment in CONTRACT PRICE shall be allowed for reasons of such delays and extensions granted except as provided in TENDER DOCUMENT, where the EMPLOYER reserves the right to seek indulgence of CONTRACTOR to maintain the agreed Time Schedule of Completion.

In such an event the CONTRACTOR shall be obliged for working by CONTRACTOR's personnel for additional time beyond stipulated working hours as also Sundays and Holidays and achieve the completion date/interim targets.

46 Payment if the contract is terminated:

- 46.1 If the CONTRACT shall be terminated as per Tender pursuant to Clause no. 29 of GCC, the CONTRACTOR shall be paid by the EMPLOYER in so far as such amounts or items shall not have already been covered by payments of amounts made to the CONTRACTOR for the WORK executed and accepted by ENGINEER-IN-CHARGE prior to the date of termination at the rates and prices provided for in the CONTRACT and in addition to the following:

- a) The amount payable in respect of any preliminary items, so far as the Work or service comprised therein has been carried out or performed and an appropriate portion as certified by ENGINEER-IN-CHARGE of any such items or service comprised in which has been partially carried out or performed.
- b) Any other expenses which the CONTRACTOR has expended for performing the WORK under the CONTRACT subject to being duly recommended by ENGINEER-IN-CHARGE and approved by EMPLOYER for payment, based on documentary evidence of his having incurred such expenses.

- 46.2 The CONTRACTOR will be further required to transfer the title and provide the following in the manner and as directed by the EMPLOYER.

- a) Any and all completed works.
- B) Such partially completed WORK including drawings, information's and CONTRACT rights as the CONTRACTOR has specially performed, produced or acquired for the performance of the CONTRACTOR.

47 No waiver of rights:

- 47.1 Neither the inspection by the EMPLOYER or any of their officials, employees, or agents nor any order by the EMPLOYER for payment of money or any payment for or acceptance of the whole or any part of the Work by the EMPLOYER nor any extension of time, nor any possession taken by EMPLOYER shall operate as a waiver of any provision of the CONTRACT, or of any power herein reserved to the EMPLOYER, or any right to damages herein provided, nor shall any waiver of any breach in the CONTRACT be held to be a waiver of any other subsequent breach.

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| 48 Certificate not to affect right of employer and liability of contractor: | 48.1 No interim payment certificate(s) issued by the Engineer-in- Charge of the EMPLOYER, nor any sum paid on account by the EMPLOYER, nor any extension of time for execution of the work granted by EMPLOYER shall affect or prejudice the rights of the Employer against the CONTRACTOR or relieve the CONTRACTOR of his obligations for the due performance of the CONTRACT, or be interpreted as approval of the WORK done or of the equipment supplied and no certificate shall create liability for the EMPLOYER to pay for alterations, amendments, variations or additional works not ordered, in writing, by EMPLOYER or discharge the liability of the CONTRACTOR for the payment of damages whether due, ascertained, or certified or not or any sum against the payment of which he is bound to indemnify the EMPLOYER. |
| 49 Language and measures: | 49.1 All documents pertaining to the CONTRACT including Specifications, Schedules, Notices, Correspondence, operating and maintenance Instructions, DRAWINGS, or any other writing shall be written in English language. The Metric System of measurement shall be used in the CONTRACT unless otherwise specified. |
| 50 Transfer of title: | <p>50.1 The title of Ownership of supplies furnished by the CONTRACTOR shall not pass on to the EMPLOYER for all Supplies till the same are finally accepted by the EMPLOYER after the successful completion of PERFORMANCE TEST and GUARANTEE TEST and issue of FINAL CERTIFICATE.</p> <p>50.2 However, the EMPLOYER shall have the lien on all such works performed as soon as any advance or progressive payment is made by the EMPLOYER to the CONTRACTOR and the CONTRACTOR shall not subject these works for use other than those intended under this CONTRACT.</p> |
| 51 Release of information: | 51.1 The CONTRACTOR shall not communicate or use in advertising, publicity, sales releases or in any other medium, photographs, or other reproduction of the Work under this CONTRACT or description of the site dimensions, quantity , quality or other information, concerning the Work unless prior written permission has been obtained from the EMPLOYER. |
| 52 Brand names: | 52.1 The specific reference in the SPECIFICATIONS and documents to any material by trade name, make or catalogue number shall be construed as establishing standard or quality and performance and not as limited competition. However, TENDERER may offer other similar equipments provided it meets the specified standard design and performance requirements. |
| 53 Completion of contract: | 53.1 Unless otherwise terminated under the provisions of any other relevant clause, this CONTRACT shall be deemed to have been completed at the expiration of the PERIOD OF LIABILITY as provided for under the CONTRACT. |
| 54 Spares: | 54.1 The CONTRACTOR shall furnish to the EMPLOYER all spares required for COMMISSIONING of the plants, recommendatory and/or mandatory spares, which are required essential by the manufacturer/supplier. The same shall be delivered at SITE, 3(Three) months before COMMISSIONING. |

Also the CONTRACTOR should furnish the manufacturing drawings for fast wearing spares.

- 54.2 The CONTRACTOR guarantees the EMPLOYER that before the manufacturers of the equipments, plants and machineries go out of production of spare parts for the equipment furnished and erected by him, he shall give at least twelve (12) months' advance notice to the EMPLOYER, so that the latter may order his requirement of spares in one lot, if he so desires.

SECTION-V Performance of Work

55 Execution of work:

- 55.1 All the Works shall be executed in strict conformity with the provisions of the CONTRACT Documents and with such explanatory detailed drawings, specification and instructions as may be furnished from time to time to the CONTRACTOR by the ENGINEER-IN-CHARGE whether mentioned in the CONTRACT or not. The CONTRACTOR shall be responsible for ensuring that works throughout are executed in the most substantial, proper and workmanlike manner with the quality of material and workmanship in strict accordance with the SPECIFICATIONS and to the entire satisfaction of the ENGINEER-IN-CHARGE. The CONTRACTOR shall provide all necessary materials equipment labour etc. for execution and maintenance of WORK till completion unless otherwise mentioned in the CONTRACT.

56 Co-ordination and inspection of work:

- 56.1 The coordination and inspection of the day-to-day work under the CONTRACT shall be the responsibility of the ENGINEER-IN-CHARGE. The written instruction regarding any particular job will normally be passed by the ENGINEER-IN-CHARGE or his authorized representative. A work order book will be maintained by the CONTRACTOR for each sector in which the aforesaid written instructions will be entered. These will be signed by the CONTRACTOR or his authorized representative by way of acknowledgement within 12 hours.

57 Work in monsoon and dewatering:

- 57.1 Unless otherwise specified elsewhere in the tender, the execution of the WORK may entail working in the monsoon also. The CONTRACTOR must maintain a minimum labour force as may be required for the job and plan and execute the construction and erection according to the prescribed schedule. No extra rate will be considered for such work in monsoon.
- 57.2 During monsoon and other period, it shall be the responsibility of the CONTRACTOR to keep the construction work site free from water at his own cost.

58 Work on Sundays and holidays:

- 58.1 For carrying out Work on Sundays, and Holidays, the CONTRACTOR will approach the ENGINEER-IN-CHARGE or his representative at least two days in advance and obtain permission in writing. The CONTRACTOR shall observe all labour laws and other statutory rules and regulations in force. In case of any violations of such laws, rules and regulations, consequence if any, including the cost thereto shall be exclusively borne by the CONTRACTOR and the EMPLOYER shall have no liability whatsoever on this account.

59 General conditions for construction and erection work:

- 59.1 The working time at the site of work is 48 hours per week. Overtime work is permitted in cases of need and the EMPLOYER will not compensate the same. Shift working at 2 or 3 shifts per day will become necessary and the CONTRACTOR should take this aspect into consideration for formulating his rates for

60 Alterations in specifications, design and extra works:

quotation. No extra claims will be entertained by the EMPLOYER on this account. For carrying out work beyond working hours the CONTRACTOR will approach the ENGINEER-IN-CHARGE or his authorised representative and obtain his prior written permission.

59.2 The CONTRACTOR must arrange for the placement of workers in such a way that the delayed completion of the WORK or any part thereof for any reason whatsoever will not affect their proper employment. The EMPLOYER will not entertain any claim for idle time payment whatsoever.

59.3 The CONTRACTOR shall submit to the EMPLOYER/ENGINEER-IN-CHARGE reports at regular intervals regarding the state and progress of WORK. The details and proforma of the report will mutually be agreed after the award of CONTRACT. The CONTRACTOR shall provide display boards showing progress and labour strengths at worksite, as directed by the ENGINEER-IN-CHARGE.

60.1 The WORK covered under this CONTRACT having to be executed by the CONTRACTOR on a lumpsum firm price/item rate quoted by him, the EMPLOYER will not accept any proposals for changes in VALUE OF CONTRACT or extension in time on account of any such changes which may arise to the CONTRACTOR's scope of WORK as a result of detailed Engineering and thereafter during the execution of WORK. The only exception to this will be a case where the EMPLOYER requests in writing to the CONTRACTOR to upgrade the SPECIFICATIONS or the size of any major pieces of equipments, plant or machinery beyond what is normally required to meet the scope of WORK as defined in the CONTRACTDOCUMENT.

In such cases, a change order will be initialled by the CONTRACTOR at the appropriate time for the EMPLOYER's prior approval giving the full back-up data for their review and for final settlement of any impact on price within 30 (thirty) days thereafter.

60.2 The ENGINEER-IN-CHARGE shall have to make any alterations in, omission from, additions to or substitutions for, the Schedule of Rates, the original specifications, drawings, designs and instructions that may appear to him to be necessary or advisable during the progress of the WORK and the CONTRACTOR shall be bound to carry out the such altered/ extra/ new items of WORK in accordance with any instructions which may be given to him in writing signed by the ENGINEER-IN-CHARGE, and such alterations, omissions, additions or substitutions shall not invalidate the CONTRACT and any altered, additional or substituted work which the CONTRACTOR may be directed to do in the manner above specified as part of the WORK shall be carried out by the CONTRACTOR on the same conditions in all respects on which he agreed to do the main WORK. The time of completion of WORK may be extended for the part of the particular job at the discretion of the ENGINEER-IN-CHARGE, for only such alterations, additions or substitutions of the WORK, as he may consider as just and reasonable. The rates for such additional, altered or substituted WORK under this clause shall be worked out in accordance with the following provisions:-

I. For Item Rate Contract

a) If the rates for the additional, altered or

substituted WORK are specified in the CONTRACT for the WORK, the CONTRACTOR is bound to carry on the additional, altered or substituted WORK at the same rates as are specified in the CONTRACT.

- b) If the rates for the additional, altered or substituted WORK are not specifically provided in the CONTRACT for the WORK, the rates will be derived from the rates for similar class of WORK as are specified in the CONTRACT for the WORK. The opinion of the ENGINEER-IN- CHARGE, as to whether or not the rates can be reasonably so derived from the items in this CONTRACT will be final and binding on the CONTRACTOR.
- c) If the rates for the altered, additional or substituted WORK cannot be determined in the manner specified in sub-clause(s) and (b) above, then the CONTRACTOR shall, within 7 days of the date of receipt of order to carry out the WORK, inform the ENGINEER-IN-CHARGE of the rates which it is his intention to charge for such class of WORK, supported by analysis of the rate or rates claimed, and the ENGINEER-IN-CHARGE shall determine the rate or rates on the basis of the prevailing market rates, labour cost at schedule of labour rates plus 10% to cover contractor's supervision, overheads and profit and pay the CONTRACTOR accordingly. The opinion of the ENGINEER- IN-CHARGE as to current market rates of materials and the quantum of labour involved per unit of measurement will be final and binding on the CONTRACTOR.
- d) Where the item of work will be executed through nominated specialist agency as approved by the ENGINEER-IN-CHARGE, then the actual amount paid to such nominated agency supported by documentary evidence and as certified by ENGINEER-IN-CHARGE shall be considered plus 10% (ten percent) to cover all contingencies, overhead, profits to arrive at the rates.
- e) Provisions contained in the Sub-clause (a) & (d) above shall, however, not apply for the following:-

Where the value of additions of new items together with the value of alterations, additions/deletions or substitutions does not exceed by or is not less than plus/minus (+)25% of the VALUE OF CONTRACT. The item rates in the Schedule of Rates shall hold good for all such variations between the above mentioned limits, irrespective of any increase/decrease of quantities in the individual items of Schedule of Rates.

II. For Lumpsum Contracts

CONTRACTOR shall, within 7 days of the date of receipt of order to carry out the WORK, inform the ENGINEER-IN-CHARGE of the rates which it is his intention to charge for such class of WORK, supported by analysis of the rate or rates claimed, and the ENGINEER-IN-CHARGE shall determine the rate or rates on the basis of the prevailing market rates, labour cost at schedule of labour rates plus 10% to cover contractor's supervision, overheads and profit and pay the CONTRACTOR accordingly. The opinion of the ENGINEER-IN-CHARGE as to current market rates of materials and the quantum of labour involved per unit of measurement will be final and binding on the CONTRACTOR.

61 Drawings to be supplied by the employer

- 61.1 The drawings attached with tender are only for the general guidance to the CONTRACTOR to enable him to visualize the type of work contemplated and scope of work involved. The CONTRACTOR will be deemed to have studied the DRAWINGS and formed an idea about the WORK involved.
- 61.2 Detailed working drawings on the basis of which actual execution of the WORK is to proceed, will be furnished from time to time during the progress of the work. The CONTRACTOR shall be deemed to have gone through the DRAWINGS supplied to him thoroughly and carefully and in conjunction with all other connected drawings and bring to the notice of the ENGINEER-IN-CHARGE discrepancies, if any, therein before actually carrying out the Work.
- 61.3 Copies of all detailed working drawings relating to the WORK shall be kept at the CONTRACTOR's office on the site and shall be made available to the ENGINEER-IN-CHARGE at any time during the CONTRACT. The drawings and other documents issued by the EMPLOYER shall be returned to the EMPLOYER on completion of the WORK.

62 Drawings to be supplied by the contractor:

- 62.1 The drawings/date which are to be furnished by the CONTRACTOR are enumerated in the special conditions of contract, and shall be furnished within the specified time.
- 62.2 Where approval/review of drawings before manufacture/construction/fabrication has been specified, it shall be CONTRACTOR's responsibility to have these drawings prepared as per the directions of ENGINEER-IN-CHARGE and got approved before proceeding with manufacture/construction/fabrication as the case may be. Any change that may have become necessary in these drawings during the execution of the work shall have to be carried out by the CONTRACTOR to the satisfaction of ENGINEER-IN-CHARGE at no extra cost. All final drawings shall bear the certification stamp as indicated below duly signed by both the CONTRACTOR and ENGINEER-IN-CHARGE.

"Certified true for _____
(Name of Work)

Agreement
No. _____

Signed: _____
(CONTRACTOR) (ENGINEER-IN-CHARGE)

- 62.3 The DRAWINGS submitted by the CONTRACTOR shall be reviewed by the ENGINEER-IN-CHARGE as far as practicable within 3 (Three) weeks and shall be modified by the CONTRACTOR, if any modifications and/or corrections are required by the ENGINEER-IN-CHARGE. The CONTRACTOR shall incorporate such modifications and/or corrections and submit the final drawings for approval. Any delays arising out of failure by the CONTRACTOR to rectify the drawing in good time shall not alter the Contract Completion Time.
- 62.4 As built drawings showing all corrections, adjustments etc. shall be furnished by the CONTRACTOR in six copies and one transparent for record purposed to the EMPLOYER.
- 63 Setting out works:**
- 63.1 The ENGINEER-IN-CHARGE shall furnish the CONTRACTOR with only the four corners of the Works site and a level bench mark and the CONTRACTOR shall set out the Works and shall provide an efficient staff for the purpose and shall be solely responsible for the accuracy of such setting out.
- 63.2 The CONTRACTOR shall provide, fix and be responsible for the maintenance of all stakes, templates, level marks, profiles and other similar things and shall take all necessary precautions to prevent their removal or disturbance and shall be responsible for the consequence of such removal or disturbance should the same take place and for their efficient and timely reinstatement. The CONTRACTOR shall also be responsible for the maintenance of all existing survey marks, boundary marks, distance marks and center line marks, either existing or supplied and fixed by the CONTRACTOR. The work shall be set out to the satisfaction of the ENGINEER-IN-CHARGE. The approval there of joining with the CONTRACTOR by the ENGINEER- IN-CHARGE in setting out the work, shall not relieve the CONTRACTOR of any of his responsibility.
- 63.3 Before beginning the Works, the CONTRACTOR shall at his own cost, provide all necessary reference and level posts, pegs, bamboos, flags, ranging rods, strings and other materials for proper layout of the works in accordance with the schemes for bearing marks acceptable to the ENGINEER-IN-CHARGE. The center, longitudinal or face lines and cross lines shall be marked by means of small masonry pillars. Each pillar shall have distinct mark at the centre to enable theodolite to be set over it. No work shall be started until all these points are checked and approved by the ENGINEER-IN-CHARGE in writing but such approval shall not relieve the CONTRACTOR of any of his responsibilities. The CONTRACTOR shall also provide all labour, material and other facilities, as necessary, for the proper checking of layout and inspection of the points during construction.
- 63.4 Pillars bearing geodetic marks located at the sites of units of WORKS under construction should be protected and fenced by the CONTRACTOR.
- 63.5 On completion of WORK, the CONTRACTOR must submit the geodetic documents according to which the WORK was carried out.
- 64 Responsibility for level and alignment:**
- 64.1 The CONTRACTOR shall be entirely and exclusively responsible for the horizontal and vertical alignment, the levels and correctness of every part of the WORK and shall rectify effectively any errors or imperfections therein, such rectifications shall be carried out by the CONTRACTOR, at his own cost, when instructions are issued to that effect by the ENGINEER-IN-CHARGE.

65 Materials to be supplied by Contractor : 65.1

The CONTRACTOR shall procure and provide within the VALUE OF CONTRACT the whole of the materials required for the construction including steels, cement and other building materials, tools, tackles, construction plant and equipment for the completion and maintenance of the WORK except the materials which will be issued by the EMPLOYER and shall make his own arrangement for procuring such materials and for the transport thereof. The EMPLOYER may give necessary recommendation to the respective authority if so desired by the CONTRACTOR but assumes no further responsibility of any nature. The EMPLOYER will insist on the procurement of materials which bear ISI stamp and/or which are supplied by reputed suppliers.

65.1 The CONTRACTOR shall properly store all materials either issued to him or brought by him to the SITE to prevent damages due to rain, wind, direct exposure to sun, etc. as also from theft, pilferage, etc. for proper and speedy execution of his works. The CONTRACTOR shall maintain sufficient stocks of all materials required by him.

65.2 No material shall be dispatched from the CONTRACTOR's stores before obtaining the approval in writing of the ENGINEER-IN-CHARGE.

66 Stores supplied by the employer:

66.1 If the SPECIFICATION of the WORK provides for the use of any material of special description to be supplied from the EMPLOYER's stores or it is required that the CONTRACTOR shall use certain stores to be provided by the ENGINEER-IN-CHARGE, such materials and stores, and price to be charged there for as hereinafter mentioned being so far as practicable for the convenience of the CONTRACTOR, but not so as in any way to control the meaning or effect of the CONTRACT, the CONTRACTOR shall be bound to purchase and shall be supplied such materials and stores as are from time to time required to be used by him for the purpose of the CONTRACT only. The sums due from the CONTRACTOR for the value of materials supplied by the EMPLOYER will be recovered from the running account bill on the basis of the actual consumption of materials in the works covered and for which the running account bill has been prepared. After the completion of the WORK, however, the CONTRACTOR has to account for the full quantity of materials supplied to him as per relevant clauses in this document.

66.2 The value of the stores/materials as may be supplied to the CONTRACTOR by the EMPLOYER will be debited to the CONTRACTOR's account at the rates shown in the schedule of materials and if they are not entered in the schedule, they will be debited at cost price, which for the purpose of the CONTRACT shall include the cost of carriage and all other expenses whatsoever such as normal storage supervision charges which shall have been incurred in obtaining the same at the EMPLOYER's stores. All materials so supplied to the CONTRACTOR shall remain the absolute property of the EMPLOYER and shall not be removed on any account from the SITE of the WORK, and shall be at all times open for inspection to the ENGINEER-IN-CHARGE. Any such materials remaining unused at the time of the completion or termination of the CONTRACT shall be returned to the EMPLOYER's stores or at a place as directed by the ENGINEER-IN-CHARGE in perfectly good condition at CONTRACTOR's cost.

67 Conditions for issue of materials:

- i) Materials specified as to be issued by the EMPLOYER will be supplied to the CONTRACTOR by the EMPLOYER from his stores. It shall be responsibility of the CONTRACTOR to take delivery of the materials and arrange for its loading, transport and unloading at the SITE of WORK at his own cost. The materials shall be issued between the working hours and as per the rules of the EMPLOYER as framed from time to time.
- ii) The CONTRACTOR shall bear all incidental charges for the storage and safe custody of materials at site after these have been issued to him.
- iii) Materials specified as to be issued by the EMPLOYER shall be issued in standard sizes as obtained from the manufacturers.
- iv) The CONTRACTOR shall construct suitable Godowns at the SITE of WORK for storing the materials safe against damage by rain, dampness employ necessary watch and ward establishment for the purpose.
- v) It shall be duty of the CONTRACTOR to inspect the materials supplied to him at the time of taking delivery and satisfy himself that they are in good condition. After the materials have been delivered by the EMPLOYER, it shall be the responsibility of the CONTRACTOR to keep them in good condition and if the materials are damaged or lost, at any time, they shall be repaired and/or replaced by him at his own cost according to the instructions of the ENGINEER-IN-CHARGE.
- vi) The EMPLOYER shall not be liable for delay in supply or non-supply of any materials which the EMPLOYER has undertaken to supply where such failure or delay is due to natural calamities, act of enemies, transport and procurement difficulties and any circumstances beyond the control of the EMPLOYER. In no case, the CONTRACTOR shall be entitled to claim any compensation or loss suffered by him on this account.
- vii) It shall be responsibility of the CONTRACTOR to arrange in time all materials required for the WORK other than those to be supplied by the EMPLOYER. If, however, in the opinion of the ENGINEER-IN-CHARGE the execution of the WORK is likely to be delayed due to the CONTRACTOR's inability to make arrangements for supply of materials which normally he has to arrange for, the ENGINEER-IN-CHARGE shall have the right at his own discretion to issue such materials, if available with the EMPLOYER or procure the materials from the market or as elsewhere and the CONTRACTOR will be bound to take such materials at the rates decided by the ENGINEER-IN-CHARGE. This, however, does not in any way absolve the CONTRACTOR from responsibility of making arrangements for the supply of such materials in part or in full, should such a situation occur nor shall this constitute a reason for the delay in the execution of the WORK.
- viii) None of the materials supplied to the CONTRACTOR will be utilised by the CONTRACTOR for manufacturing item which can be obtained as supplied from standard manufacturer in finished form.
- ix) The CONTRACTOR shall, if desired by the ENGINEER- IN-CHARGE, be required to execute an Indemnity Bond in the prescribed form for safe custody and accounting of all materials issued by the EMPLOYER.

- x) The CONTRACTOR shall furnish to the ENGINEER-IN- CHARGE sufficiently in advance a statement showing his requirement of the quantities of the materials to be supplied by the EMPLOYER and the time when the same will be required by him for the works, so as to enable the ENGINEER-IN-CHARGE to make necessary arrangements for procurement and supply of the material
- xi) Account of the materials issued by the EMPLOYER shall be maintained by CONTRACTOR indicating the daily receipt, consumption and balance in hand. This account shall be maintained in a manner prescribed by the ENGINEER-IN-CHARGE along with all connected papers viz. requisitions, issues, etc., and shall be always available for inspection in the CONTRACTOR's office at SITE.
- xii) The CONTRACTOR should see that only the required quantities of materials are got issued. The CONTRACTOR shall not be entitled to cartage and incidental charges for returning the surplus materials, if any, to the stores wherefrom they were issued or to the place as directed by the ENGINEER-IN-CHARGE.
- xiii) Materials/Equipment(s) supplied by EMPLOYER shall not be utilized for any purpose(s) than issued for.

68 Material procured with assistance of employer/return of surplus:

68.1 Notwithstanding anything contained to the contrary in any or all the clauses of this CONTRACT where any materials for the execution of the CONTRACT are procured with the assistance of the EMPLOYER either by issue from EMPLOYER's stock or purchases made under order or permits or licenses issued by Government, the CONTRACTOR shall hold the said materials as trustee for the EMPLOYER and use such materials economically and solely for the purpose of the CONTRACT and not dispose them off without the permission of the EMPLOYER and return, if required by the ENGINEER-IN-CHARGE, shall determine having due regard to the condition of the materials. The price allowed to the CONTRACTOR, however, shall not exceed the amount charged to him excluding the storage charges, if any. The decision of the ENGINEER-IN-CHARGE shall be final and conclusive in such matters. In the event of breach of the aforesaid condition, the CONTRACTOR shall, in terms of the licenses or permits and/or criminal breach of trust, be liable to compensate the EMPLOYER at double rate or any higher rate, in the event of those materials at that time having higher rate or not being available in the market, then any other rate to be determined by the ENGINEER-IN-CHARGE and his decision shall be final and conclusive.

69 Materials obtained from dismantling:

69.1 If the CONTRACTOR in the course of execution of the WORK is called upon to dismantle any part for reasons other than those stipulated in Clauses 74 and 77 hereunder, the materials obtained in the WORK of dismantling etc., will be considered as the EMPLOYER's property and will be disposed off to the best advantage of the EMPLOYER.

70 Articles of value found:

70.1 All gold, silver and other minerals of any description and all precious stones, coins, treasure relics, antiquities and other similar things which shall be found in, under or upon the SITE, shall be the property of the EMPLOYER and the CONTRACTOR shall duly preserve the same to the satisfaction of the ENGINEER-IN-CHARGE and shall from time to time deliver the same to such person or persons indicated by the EMPLOYER.

71 Discrepancies between instructions:

71.1 Should any discrepancy occur between the various instructions furnished to the CONTRACTOR, his agent or staff or any doubt arises as to the meaning of any such instructions or should there be any misunderstanding between the CONTRACTOR's staff and the ENGINEER-IN- CHARGE's staff, the CONTRACTOR shall refer the matter immediately in writing to the ENGINEER-IN-CHARGE whose decision thereon shall be final and conclusive and no claim for losses alleged to have been caused by such discrepancies between instructions, doubts, or misunderstanding shall in any event be admissible.

72 Action where no specification is issued:

72.1 In case of any class of WORK for which there is no SPECIFICATION supplied by the EMPLOYER as mentioned in the Tender Documents such WORK shall be carried out in accordance with Indian Standard Specifications and if the Indian Standard Specifications do not cover the same, the WORK should be carried out as per standard Engineering Practice subject to the approval of the ENGINEER-IN-CHARGE.

73 Inspection of works:

73.1 The ENGINEER-IN-CHARGE will have full power and authority to inspect the WORK at any time wherever in progress either on the SITE or at the CONTRACTOR's premises/workshops wherever situated, premises/workshops of any person, firm or corporation where WORK in connection with the CONTRACT may be in hand or where materials are being or are to be supplied, and the CONTRACTOR shall afford or procure for the ENGINEER-IN-CHARGE every facility and assistance to carry out such inspection. The CONTRACTOR shall, at all time during the usual working hours and at all other time at which reasonable notice of the intention of the ENGINEER-IN-CHARGE or his representative to visit the WORK shall have been given to the CONTRACTOR, either himself be present or receive orders and instructions, or have a responsible agent duly accredited in writing, present for the purpose. Orders given to the CONTRACTOR's agent shall be considered to have the same force as if they had been given to the CONTRACTOR himself. The CONTRACTOR shall give not less than seven days notice in writing to the ENGINEER-IN-CHARGE before covering up or otherwise placing beyond reach of inspection and measurement of any work in order that the same may be inspected and measured. In the event of breach of above the same shall be uncovered at CONTRACTOR's expense for carrying out such measurement or inspection.

73.2 No material shall be dispatched from the CONTRACTOR's stores before obtaining the approval in writing of the Engineer-in-Charge.

The CONTRACTOR is to provide at all time during the progress of the WORK and the maintenance period, proper means of access with ladders, gangways etc. and the necessary attendance to move and adopt as directed for inspection or measurements of the WORK by the ENGINEER-IN-CHARGE.

73.3 The CONTRACTOR shall make available to the ENGINEER-IN-CHARGE free of cost all necessary instruments and assistance in checking or setting out of WORK and in the checking of any WORK made by the CONTRACTOR for the purpose of setting out and taking measurements of WORK.

74 Tests for quality of work:

74.1 All workmanship shall be of the respective kinds described in the CONTRACT DOCUMENTS and in accordance with the instructions of the ENGINEER-IN-CHARGE and shall be subjected from time to time to such test at CONTRACTOR's cost as the ENGINEER-IN-CHARGE may direct at the place of manufacture or fabrication or on the site or at all or any such places. The CONTRACTOR shall provide assistance, instruments, labour and materials as are normally required for examining, measuring and testing any workmanship as may be selected and required by the ENGINEER-IN-CHARGE.

74.2 All the tests that will be necessary in connection with the execution of the WORK as decided by the ENGINEER-IN-CHARGE shall be carried out at the field testing laboratory of the EMPLOYER by

paying the charges as decided by the EMPLOYER from time to time. In case of non- availability of testing facility with the EMPLOYER, the required test shall be carried out at the cost of CONTRACTOR at Government or any other testing laboratory as directed by ENGINEER-IN-CHARGE.

74.3 If any tests are required to be carried out in conjunction with the WORK or materials or workmanship not supplied by the CONTRACTOR, such tests shall be carried out by the CONTRACTOR as per instructions of ENGINEER-IN-CHARGE and cost of such tests shall be reimbursed by the EMPLOYER.

75 Samples for approval:

75.1 The CONTRACTOR shall furnish to the ENGINEER-IN-CHARGE for approval, when requested or if required by the specifications, adequate samples of all materials and finished to be used in the WORK. Such samples shall be submitted before the WORK is commenced and in ample time to permit tests and examinations thereof. All materials furnished and finishes applied in actual WORK shall be fully equal to the approved samples.

76 Action and compensation in case of bad work:

76.1 If it shall appear to the ENGINEER-IN-CHARGE that any work has been executed with unsound, imperfect or unskilled workmanship, or with materials of any inferior description, or that any materials or articles provided by the CONTRACTOR for the execution of the WORK are unsound, or of a quality inferior to that contracted for, or otherwise not in accordance with the CONTRACT, the CONTRACTOR shall on demand in writing from the ENGINEER-IN-CHARGE or his authorised representative specifying the WORK, materials or articles complained of notwithstanding that the same may have been inadvertently passed, certified and paid for, forthwith rectify or remove and reconstruct the WORK so specified and provide other proper and suitable materials or articles at his own cost and in the event of failure to do so within the period specified by the ENGINEER-IN-CHARGE in his demand aforesaid, the CONTRACTOR shall be liable to pay compensation at the rate of 1 % (One percent) of the estimated cost of the whole WORK, for every week limited to a maximum of 10% (ten percent) of the value of the whole WORK, while his failure to do so shall continue and in the case of any such failure the ENGINEER-IN-CHARGE may on expiry of notice period rectify or remove and re-execute the WORK or remove and replaced with others, the materials or articles complained of to as the case may be at the risk and expense in all respects of the CONTRACTOR. The decision of the Engineering-in-charge as to any question arising under this clause shall be final and conclusive.

77 Suspension of works:

- 77.1 i) Subject to the provisions of sub-para (ii) of this clause, the CONTRACTOR shall, if ordered in writing by the ENGINEER-IN-CHARGE, or his representative, temporarily suspend the WORKS or any part thereof for such written order, proceed with the WORK therein ordered to be suspended until, he shall have received a written order to proceed therewith. The CONTRACTOR shall not be entitled to claim compensation for any loss or damage sustained by him by reason of temporary suspension of the WORKS aforesaid. An extension of time for completion, corresponding with the delay caused by any such suspension of the WORKS as aforesaid will be granted to the CONTRACTOR should he apply for the same provided that the suspension was not consequent to any default or failure on the part of the CONTRACTOR.
- ii) In case of suspensions of entire WORK, ordered in writing by ENGINEER-IN-CHARGE, for a period of more than two months, the CONTRACTOR shall have the option to terminate the CONTRACT.

78 Employer may do part of work:

- 78.1 Upon failure of the CONTRACTOR to comply with any instructions given in accordance with the provisions of this CONTRACT the EMPLOYER has the alternative right, instead of assuming charge of entire WORK, to place additional labour force, tools, equipments and materials on such parts of the WORK, as the EMPLOYER may designate or also engage another CONTRACTOR to carry out the WORK. In such cases, the EMPLOYER shall deduct from the amount which otherwise might become due to the CONTRACTOR, the cost of such work and material with ten percent (10%) added to cover all departmental charges and should the total amount thereof exceed the amount due to the CONTRACTOR, the CONTRACTOR shall pay the difference to the EMPLOYER.

79 Possession prior to completion:

- 79.1 The ENGINEER-IN-CHARGE shall have the right to take possession of or use any completed or partially completed WORK or part of the WORK. Such possession or use shall not be deemed to be an acceptance of any work completed in accordance with the CONTRACT agreement. If such prior possession or use by the ENGINEER-IN-CHARGE delays the progress of WORK, equitable adjustment in the time of completion will be made and the CONTRACT agreement shall be deemed to be modified accordingly.

80 (Defects liability period) twelve months period of liability from the date of issue of completion certificate:

- 80.1 The CONTRACTOR shall guarantee the installation/WORK for a period of 12 months from the date of completion of WORK as certified by the ENGINEER-IN-CHARGE which is indicated in the Completion Certificate. Any damage or defect that may arise or lie undiscovered at the time of issue of Completion Certificate, connected in any way with the equipment or materials supplied by him or in the workmanship, shall be rectified or replaced by the CONTRACTOR at his own expense as deemed necessary by the ENGINEER-IN-CHARGE or in default, the ENGINEER-IN-CHARGE may carry out such works by other work and deduct actual cost incurred towards labour, supervision and materials consumables or otherwise plus 100% towards overheads (of which the certificate of ENGINEER-IN-CHARGE shall be final) from any sums that may then be or at any time thereafter, become due to the CONTRACTOR or from his Contract Performance Security, or the proceeds of sale thereof or a sufficient part on thereof.
- 80.2 If the CONTRACTOR feels that any variation in WORK or in quality of materials or proportions would be beneficial or necessary to fulfil the guarantees called for, he shall bring this to the notice of the ENGINEER-IN-CHARGE in writing.

If during the period of liability any portion of the WORK/equipment, is found defective and is rectified/ replaced, the period of liability for such equipment/ portion of WORK shall be operative from the date such rectification/ replacement are carried out and Contract Performance Guarantee shall be furnished separately for the extended period of liability for that portion of WORK/ equipment only. Notwithstanding the above provisions the supplier's, guarantees/warranties for the replaced equipment shall also be passed on to the EMPLOYER.

80.3 LIMITATION OF LIABILITY

Notwithstanding anything contrary contained herein, the aggregate total liability of CONTRACTOR under the Agreement or otherwise shall be limited to 100% of Agreement / Contract Value. However, neither party shall be liable to the other party for any indirect and consequential damages, loss of profits or loss of production.

81 Care of works:

81.0 From the commencement to completion of the WORK, the CONTRACTOR shall take full responsibility for the care for all works including all temporary works and in case any damages, loss or injury shall happen to the WORK or to any part thereof or to any temporary works from any cause whatsoever, shall at his own cost repair and make good the same so that at completion the WORK shall be in good order and in conformity in every respects with the requirement of the CONTRACT and the ENGINEER-IN- CHARGE's instructions.

81.1 DEFECTS PRIOR TO TAKING OVER:

If at any time, before the WORK is taken over, the ENGINEER-IN-CHARGE shall:

- a) Decide that any works done or materials used by the CONTRACTOR or by any SUB-CONTRACTOR is defective or not in accordance with the CONTRACT, or that the works or any portion thereof are defective, or do not fulfill the requirements of CONTRACT (all such matters being hereinafter, called 'Defects' in this clause), and
- b) As soon as reasonably practicable, gives to the CONTRACTOR notice in writing of the said decision, specifying particulars of the defects alleged to exist or to have occurred, then the CONTRACTOR shall at his own expenses and with all speed make good the defects so specified.

In case CONTRACTOR shall fail to do so, the EMPLOYER may take, at the cost of the CONTRACTOR, such steps as may in all circumstances, be reasonable to make good such defects. The expenditure so incurred by the EMPLOYER will be recovered from the amount due to the CONTRACTOR. The decision of the ENGINEER-IN-CHARGE with regard to the amount to be recovered from the CONTRACTOR will be final and binding on the CONTRACTOR. As soon as the WORK has been completed in accordance with the CONTRACT (except in minor respects that do not affect their use for the purpose for which they are intended and except for maintenance there of provided in clause 80.1 of General Conditions of Contract) and have passed the tests on completion, the ENGINEER-IN-CHARGE shall issue a certificate (hereinafter called Completion Certificate) in which he shall certify the date on which the WORK have been so completed and have passed the said tests and the EMPLOYER shall be deemed to have taken over the WORK on the date so certified. If the WORK has been divided into various groups in the CONTRACT, the EMPLOYER shall be entitled to take over any group or groups before the other or others and there upon the ENGINEER-IN-CHARGE shall issue a Completion Certificate which will, however, be for such group or

groups so taken over only. In such an event if the group /section/ part so taken over is related, to the integrated system of the work, notwithstanding date of grant of Completion Certificate for group/ section/ part. The period of liability in respect of such group/ section/ part shall extend 12 (twelve) months from the date of completion of WORK.

81.2 DEFECTS AFTER TAKING OVER:

In order that the CONTRACTOR could obtain a COMPLETION CERTIFICATE he shall make good, with all possible speed, any defect arising from the defective materials supplied by the CONTRACTOR or workmanship or any act or omission of the CONTRACT or that may have been noticed or developed, after the works or groups of the works has been taken over, the period allowed for carrying out such WORK will be normally one month. If any defect be not remedied within a reasonable time, the EMPLOYER may proceed to do the WORK at CONTRACTOR's risk and expense and deduct from the final bill such amount as may be decided by the EMPLOYER.

If by reason of any default on the part of the CONTRACTOR a COMPLETION CERTIFICATE has not been issued in respect of any portion of the WORK within one month after the date fixed by the CONTRACT for the completion of the WORK, the EMPLOYER shall be at liberty to use the WORK or any portion thereof in respect of which a completion certificate has not been issued, provided that the WORK or the portion thereof so used as aforesaid shall be afforded reasonable opportunity for completing these works for the issue of Completion Certificate.

82 Guarantee/transfer of guarantee:

82.1 For works like water-proofing, acid and alkali resisting materials, pre-construction soil treatment against termite or any other specialized works etc. the CONTRACTOR shall invariably engage SUB-CONTRACTORS who are specialists in the field and firms of repute and such a SUB-CONTRACTOR shall furnish guarantees for their workmanship to the EMPLOYER, through the CONTRACTOR. In case such a SUB-CONTRACTOR/ firm is not prepared to furnish a guarantee to the EMPLOYER, the CONTRACTOR shall give that guarantee to the EMPLOYER directly.

83 Training of employer's personnel:

83.1 The CONTRACTOR undertakes to provide training to Engineering personnel selected and sent by the EMPLOYER at the works of the CONTRACTOR without any cost to the EMPLOYER. The period and the nature of training for the individual personnel shall be agreed upon mutually between the CONTRACTOR and the EMPLOYER. These engineering personnel shall be given special training at the shops, where the equipment will be manufactured and/ or in their collaborator's works and where possible, in any other plant where equipment manufactured by the CONTRACTOR or his collaborators is under installation or test to enable those personnel to become familiar with the equipment being furnished by the CONTRACTOR. EMPLOYER shall bear only the to and fro fare of the said engineering personnel.

84 Replacement of defective parts and materials:

84.1 If during the progress of the WORK, EMPLOYER shall decide and inform in writing to the CONTRACTOR, that the CONTRACTOR has manufactured any plant or part of the plant unsound or imperfect or has furnished plant inferior to the quality specified, the

CONTRACTOR on receiving details of such defects or deficiencies shall at his own expenses within 7 (seven) days of his receiving the notice, or otherwise within such time as may be reasonably necessary for making it good, proceed to alter, re-construct or remove such work and furnish fresh equipments up to the standards of the specifications. In case the CONTRACTOR fails to do so, EMPLOYER may on giving the CONTRACTOR 7 (seven) days' notice in writing of his intentions to do so, proceed to remove the portion of the WORK so complained of and at the cost of CONTRACTOR's, perform all such works or furnish all such equipments provided that nothing in the clause shall be deemed to deprive the EMPLOYER of or affect any rights under the CONTRACT, the EMPLOYER may otherwise have in respect of such defects and deficiencies.

- 84.2 The CONTRACTOR's full and extreme liability under this clause shall be satisfied by the payments to the EMPLOYER of the extra cost, of such replacements procured including erection/installation as provided for in the CONTRACT; such extra cost being the ascertained difference between the price paid by the EMPLOYER for such replacements and the CONTRACT price portion for such defective plants and repayments of any sum paid by the EMPLOYER to the CONTRACTOR in respect of such defective plant. Should the EMPLOYER not so replace the defective plant the CONTRACTOR's extreme liability under this clause shall be limited to the repayment of all such sums paid by the EMPLOYER under the CONTRACT for such defective plant.

85 Indemnity

- 85.1 If any action is brought before a Court, Tribunal or any other Authority against the Employer or an officer or agent of the EMPLOYER, for the failure, omission or neglect on the part of the CONTRACTOR to perform any acts, matters, covenants or things under the CONTRACT, or damage or injury caused by the alleged omission or negligence on the part of the CONTRACTOR, his agents, representatives or his SUB-CONTRACTOR's, or in connection with any claim based on lawful demands of SUB-CONTRACTOR's workmen suppliers or employees, the CONTRACTOR, shall in such cases indemnify and keep the EMPLOYER and/or their representatives harmless from all losses, damages, expenses or decrees arising out of such action.

86 Construction aids, equipments, tools & tackles:

- 86.1 CONTRACTOR shall be solely responsible for making available for executing the WORK, all requisite CONSTRUCTION EQUIPMENTS, Special Aids, Barges, Cranes and the like, all Tools, Tackles and Testing Equipment and Appliances, including imports of such equipment etc. as required. In case of import of the same the rates applicable for levying of Custom Duty on such Equipment, Tools, & Tackles and the duty drawback applicable thereon shall be ascertained by the CONTRACTOR from the concerned authorities of Government of India. It shall be clearly understood that EMPLOYER shall not in any way be responsible for arranging to obtain Custom Clearance and/or payment of any duties and/or duty draw backs etc. for such equipments so imported by the CONTRACTOR and the CONTRACTOR shall be fully responsible for all taxes, duties and documentation with regard to the same. Tenderer in his own interest may contact, for any clarifications in the matter, concerned agencies/Dept./Ministries of Govt. of India. All clarifications so obtained and interpretations thereof shall be solely the responsibility of the CONTRACTOR.

SECTION-VI Certificates and Payments

87 Schedule of rates and payments:

87.1 i)

CONTRACTOR'S REMUNERATION:

The price to be paid by the EMPLOYER to CONTRACTOR for the whole of the WORK to be done and for the performance of all the obligations undertaken by the CONTRACTOR under the CONTRACT DOCUMENTS

shall be ascertained by the application of the respective Schedule of Rates (the inclusive nature of which is more particularly defined by way of application but not of limitation, with the succeeding sub-clause of this clause) and payment to be made accordingly for the WORK actually executed and approved by the ENGINEER- IN-CHARGE. The sum so ascertained shall (excepting only as and to the extent expressly provided herein) constitute the sole and inclusive remuneration of the CONTRACTOR under the CONTRACT and no further or other payment whatsoever shall be or become due or payable to the CONTRACTOR under the CONTRACT.

ii)

SCHEDULE OF RATES TO BE INCLUSIVE:

The prices/rates quoted by the CONTRACTOR shall remain firm till the issue of FINAL CERTIFICATE and shall not be subject to escalation. Schedule of Rates shall be deemed to include and cover all costs, expenses and liabilities of every description and all risks of every kind to be taken in executing, completing and handing over the WORK to the EMPLOYER by the CONTRACTOR. The CONTRACTOR shall be deemed to have known the nature, scope, magnitude and the extent of the WORK and materials required though the CONTRACT DOCUMENT may not fully and precisely furnish them. Tenderer's shall make such provision in the Schedule of Rates as he may consider necessary to cover the cost of such items of WORK and materials as may be reasonable and necessary to complete the WORK. The opinion of the ENGINEER-IN-CHARGE as to the items of WORK which are necessary and reasonable for COMPLETION OF WORK shall be final and binding on the CONTRACTOR, although the same may not be shown on or described specifically in CONTRACT DOCUMENTS.

Generality of this present provision shall not be deemed to cut down or limit in any way because in certain cases it may and in other cases it may not be expressly stated that the CONTRACTOR shall do or perform a work or supply articles or perform services at his own cost or without addition of payment or without extra charge or words to the same effect or that it may be stated or not stated that the same are included in and covered by the Schedule of Rates.

iii) SCHEDULE OF RATES TO COVER CONSTRUCTION EQUIPMENTS, MATERIALS, LABOUR ETC.:

Without in any way limiting the provisions of the preceding sub-clause the Schedule of Rates shall be deemed to include and cover the cost of all construction equipment, temporary WORK (except as provided for herein), pumps,

materials, labour, insurance, fuel, consumables, stores and appliances to be supplied by the CONTRACTOR and all other matters in connection with each item in the Schedule of Rates and the execution of the WORK or any portion thereof finished, complete in every respect and maintained as shown or described in the CONTRACT DOCUMENTS or as may be ordered in writing during the continuance of the CONTRACT.

\iv)

SCHEDULE OF RATES TO COVER ROYALTIES,
RENTS AND CLAIMS:

The Schedule of Rates (i.e., VALUE OF CONTRACT) shall be deemed to include and cover the cost of all royalties and fees for the articles and processes, protected by letters, patent or otherwise incorporated in or used in connection with the WORK, also all royalties, rents and other payments in connection with obtaining materials of whatsoever kind for the WORK and shall include an indemnity to the EMPLOYER which the CONTRACTOR hereby gives against all actions, proceedings, claims, damages, costs and expenses arising from the incorporation in or use on the WORK of any such articles, processes or materials, octroi or other municipal or local Board Charges, if levied on materials, equipment or machineries to be brought to site for use on WORK shall be borne by the CONTRACTOR.

v)

SCHEDULE OF RATES TO COVER TAXES AND
DUTIES:

No exemption or reduction of Customs Duties, Excise Duties, Sales Tax, Sales Tax on works Contract quay or any port dues, transport charges, stamp duties or Central or State Government or local Body or Municipal Taxes or duties, taxes or charges (from or of any other body), whatsoever, will be granted or obtained, all of which expenses shall be deemed to be included in and covered by the Schedule or Rates. The CONTRACTOR shall also obtain and pay for all permits or other privileges necessary to complete the WORK.

vi)

SCHEDULE OF RATES TO COVER RISKS OF DELAY:

The Schedule of Rates shall be deemed to include and cover the risk of all possibilities of delay and interference with the CONTRACTOR's conduct of WORK which occur from any causes including orders of the EMPLOYER in the exercise of his power and on account of extension of time granted due to various reasons and for all other possible or probable causes of delay.

vii)

SCHEDULE OF RATES CANNOT BE ALTERED:

For WORK under unit rate basis, no alteration will be allowed in the Schedule of Rates by reason of works or any part of them being modified, altered, extended, diminished or committed. The Schedule of Rates are fully inclusive of rates which have been fixed by the CONTRACTOR and agreed to by the EMPLOYER and cannot be altered.

For lumpsum CONTRACTS, the payment will be made according to the WORK actually carried out, for which purpose an item wise, or work wise Schedule of Rates shall be furnished, suitable for evaluating the value of WORK done and preparing running account bill.

Payment for any additional work which is not covered in the Schedule of Rates, shall only be released on issuance of change order.

88 Procedure for measurement and billing of work in progress:

88.1 BILLING PROCEDURE:

Following procedures shall be adopted for billing of works executed by the CONTRACTOR.

88.1.1 All measurements shall be recorded in sextuplicate on standard measurement sheets supplied by EMPLOYER and submitted to EMPLOYER/CONSULTANT for scrutiny and passing.

88.1.2 EMPLOYER/CONSULTANT shall scrutinize and check the measurements recorded on the sheets and shall certify correctness of the same on the measurement sheets.

88.1.3 ENGINEER-IN-CHARGE shall pass the bills after carrying out the comprehensive checks in accordance with the terms and conditions of the CONTRACTS, within 7 days of submission of the bills, complete in all respects and send the same to the Employer to effect payment to the CONTRACTOR.

88.1.4 RSGL shall make all endeavour to make payments of undisputed amount of the bills submitted based on the joint measurements within 15 (Fifteen) days from the date of certification by the Engineer-in-Charge.

88.1.5 Measurements shall be recorded as per the methods of measurement spelt out in EMPLOYER/CONSULTANT SPECIFICATIONS / CONTRACT DOCUMENT. EMPLOYER/CONSULTANT shall be fully responsible for checking the measurements quantitatively and qualitatively as recorded in the Measurement Books/ Bills.

88.1.6 While preparing the final bills overall measurements will not be taken again. Only volume of work executed since the last measured bill along with summary of final measurements will be considered for the final bill. However, a detailed check shall be made as to missing measurements and in case there are any missing items or measurements the same shall be recorded.

88.1.7 COMPUTERISED BILLING SYSTEM : RSGL has introduced Computerized Billing System whereby when the Bills are submitted in RSGL by a Contractor, a receipt number is generated. The Contractor can know the status of the Bill through RSGL's website.

88.2 SECURED ADVANCE ON MATERIAL:

Unless otherwise provided elsewhere in the tender, no 'Secured Advance' on security of materials brought to site for execution of contracted items(s) shall be paid to the Contractor whatsoever.

88.3 DISPUTE IN MODE OF MEASUREMENT:

In case of any dispute as to the mode of measurement not covered by the CONTRACT to be adopted for any item of WORK, mode of measurement as per latest Indian Standard Specifications shall be followed.

88.4 ROUNDING OF AMOUNTS:

In calculating the amount of each item due to the CONTRACTOR in every certificate prepared for payment, sum of less than 50 paise shall be omitted and the total amount on each certificate shall be rounded off to the nearest rupees, i.e., sum of less than 50 paise shall be omitted and sums of 50 paise and more upto one rupee shall be reckoned as one rupee.

89 Lumpsum in tender:

89.1 The payment against any Lumpsum item shall be made only on completion of that item as per the provision of the CONTRACT after certification by ENGINEER-IN-CHARGE.

90 Running account payments to be regarded as advance:

90.1 All running account payments shall be regarded as payment by way of advance against the final payment only and not as payments for WORK actually done and completed and shall not preclude the requiring of bad, unsound and imperfect or unskilled work to be removed and taken away and reconstructed or re-erected or be considered as an admission of the due performance of the CONTRACT, or any part thereof, in this respect, or of the accruing of any claim by the CONTRACTOR, nor shall it conclude, determine or affect in any way the powers of the EMPLOYER under these conditions or any of them as to the final settlement and adjustment of the accounts or otherwise, or in any other way vary or affect the CONTRACT. The final bill shall be submitted by the CONTRACTOR within one month of the date of physical completion of the WORK, otherwise, the ENGINEER-IN-CHARGE's certificate of the measurement and of total amount payable for the WORK accordingly shall be final and binding on all parties

91 Notice of claims for additional payments:

91.1 Should the CONTRACTOR consider that he is entitled to any extra payment for any extra/additional WORKS or MATERIAL change in original SPECIFICATIONS carried out by him in respect of WORK he shall forthwith give notice in writing to the ENGINEER-IN-CHARGE that he claims extra payment. Such notice shall be given to the ENGINEER-IN-CHARGE upon which CONTRACTOR bases such claims and such notice shall contain full particulars of the nature of such claim with full details of amount claimed. Irrespective of any provision in the CONTRACT to the contrary, the CONTRACTOR must intimate his intention to lodge claim on the EMPLOYER within 10 (ten) days of the commencement of happening of the event and quantify the claim within 30 (thirty) days, failing which the CONTRACTOR will lose his right to claim any compensation/reimbursement/damages etc. or refer the matter to arbitration. Failure on the part of CONTRACTOR to put forward any claim without the necessary particulars as above within the time above specified shall be an absolute waiver thereof. No omission by EMPLOYER to reject any such claim and no delay in dealing therewith shall be waiver by EMPLOYER of any of this rights in respect thereof.

91.2 ENGINEER-IN-CHARGE shall review such claims within a reasonably period of time and cause to discharge these in a manner considered appropriate after due deliberations thereon. However,

CONTRACTOR shall be obliged to carry on with the WORK during the period in which his claims are under consideration by the EMPLOYER, irrespective of the outcome of such claims, where additional payments for WORKS considered extra are justifiable in accordance with the CONTRACT provisions, EMPLOYER shall arrange to release the same in the same manner as for normal WORK payments. Such of the extra works so admitted by EMPLOYER shall be governed by all the terms, conditions, stipulations and specifications as are applicable for the CONTRACT. The rates for extra works shall generally be the unit rates provided for in the CONTRACT. In the event unit rates for extra works so executed are not available as per CONTRACT, payments may either be released on day work basis for which daily/hourly rates for workmen and hourly rates for equipment rental shall apply, or on the unit rate for WORK executed shall be derived by interpolation/ extrapolation of unit rates already existing in the CONTRACT. In all the matters pertaining to applicability of rate and admittance of otherwise of an extra work claim of CONTRACTOR the decision of ENGINEER-IN-CHARGE shall be final and binding.

92 Payment of contractor's bill:

- 92.1 No payment shall be made for works estimated to cost less than Rs.10,000/- till the whole of the work shall have been completed and a certificate of completion given. But in case of works estimated to cost more than Rs.10,000/-, that CONTRACTOR on submitting the bill thereof be entitled to receive a monthly payment proportionate to the part thereof approved and passed by the ENGINEER-IN-CHARGE, whose certificate of such approval and passing of the sum so payable shall be final and conclusive against the CONTRACTOR. This payment will be made after making necessary corrections/deductions as stipulated elsewhere in the CONTRACT DOCUMENT for materials, Contract Performance Security, taxes etc.
- 92.2 Payment due to the CONTRACTOR shall be made by the EMPLOYER by Account Payee cheque forwarding the same to registered office or the notified office of the CONTRACTOR. In no case will EMPLOYER be responsible if the cheque is mislaid or misappropriated by unauthorised person/persons. In all cases, the CONTRACTOR shall present his bill duly pre-receipted on proper revenue stamp payment shall be made in Indian Currency.
- 92.3 In general payment of final bill shall be made to CONTRACTOR within 60 days of the submission of bill on joint measurements, after completion of all the obligations under the CONTRACT.

93 Receipt for payment:

- 93.1 Receipt for payment made on account of work when executed by a firm, must be signed by a person holding due power of attorney in this respect on behalf of the CONTRACTOR, except when the CONTRACTORS are described in their tender as a limited company in which case the receipts must be signed in the name of the company by one of its principal officers or by some other person having authority to give effectual receipt for the company.

94 Completion certificate:

- 94.1 APPLICATION FOR COMPLETION CERTIFICATE:

When the CONTRACTOR fulfils his obligation under Clause 81.1 he shall be eligible to apply for COMPLETIONCERTIFICATE.

The ENGINEER-IN-CHARGE shall normally issue to the CONTRACTOR the COMPLETION CERTIFICATE within one month after receiving any application therefore from the CONTRACTOR after verifying from the completion documents and satisfying himself that the WORK has been completed in accordance with and as set out in the construction and erection drawings, and the CONTRACT DOCUMENTS.

The CONTRACTOR, after obtaining the COMPLETION CERTIFICATE, is eligible to present the final bill for the WORK executed by him under the terms of CONTRACT.

94.2 COMPLETION CERTIFICATE:

Within one month of the completion of the WORK in all respects, the CONTRACTOR shall be furnished with a certificate by the ENGINEER-IN-CHARGE of such completion, but no certificate shall be given nor shall the WORK be deemed to have been executed until all scaffolding, surplus materials and rubbish is cleared off the SITE completely nor until the WORK shall have been measured by the ENGINEER-IN-CHARGE whose measurement shall be binding and conclusive. The WORKS will not be considered as complete and taken over by the EMPLOYER, until all the temporary works, labour and staff colonies are cleared to the satisfaction of the ENGINEER-IN-CHARGE.

If the CONTRACTOR fails to comply with the requirements of this clause on or before the date fixed for the completion of the WORK, the ENGINEER-IN-CHARGE may at the expense of the CONTRACTOR remove such scaffolding, surplus materials and rubbish and dispose off the same as he thinks fit and clean off such dirt as aforesaid, and the CONTRACTOR shall forthwith pay the amount of all expenses so incurred and shall have no claim in respect of any such scaffolding or surplus materials as aforesaid except for any sum actually realised by the sale thereof.

94.3 COMPLETION CERTIFICATE DOCUMENTS:

For the purpose of Clause 94.0 the following documents will be deemed to form the completion documents:

- i) The technical documents according to which the WORK was carried out.
- ii) Six (6) sets of construction drawings showing therein the modification and correction made during the course of execution and signed by the ENGINEER-IN-CHARGE.
- iii) COMPLETION CERTIFICATE for 'embedded' and 'covered' up work.
- iv) Certificates of final levels as set out for various works.
- v) Certificates of tests performed for various WORKS.
- vi) Material appropriation, Statement for the materials issued by the EMPLOYER for the WORK and list of surplus materials returned to the EMPLOYER's store duly supported by necessary documents.

95 Final decision and final certificate:

95.1 Upon expiry of the period of liability and subject to the ENGINEER-IN-CHARGE being satisfied that the WORKS have been duly maintained by the CONTRACTOR during monsoon or such period as hereinbefore provided in Clause 80 & 81 and that the CONTRACTOR has in all respect duly made-up any subsidence and performed all his obligations under the CONTRACT, the ENGINEER-IN-CHARGE shall (without prejudice to the rights of the EMPLOYER to retain the provisions of relevant Clause hereof) otherwise give a certificate herein referred to as the FINAL CERTIFICATE to that effect and the CONTRACTOR shall not be considered to have fulfilled the whole of his obligations under CONTRACT until FINAL CERTIFICATE shall have been given by the ENGINEER-IN-CHARGE notwithstanding any previous entry upon the WORK and taking possession, working or using of the same or any part thereof by the EMPLOYER.

96 Certificate and payments on evidence of completion:

96.1 Except the FINAL CERTIFICATE, no other certificates or payments against a certificate or on general account shall be taken to be an admission by the EMPLOYER of the due performance of the CONTRACT or any part thereof or of occupancy or validity of any claim by the CONTRACTOR.

97 Deductions from the contract price:

97.1 All costs, damages or expenses which EMPLOYER may have paid or incurred, which under the provisions of the CONTRACT, the CONTRACTOR is liable/will be liable, will be claimed by the EMPLOYER. All such claims shall be billed by the EMPLOYER to the CONTRACTOR regularly as and when they fall due. Such claims shall be paid by the CONTRACTOR within 15 (fifteen) days of the receipt of the corresponding bills and if not paid by the CONTRACTOR within the said period, the EMPLOYER may, then, deduct the amount from any moneys due i.e., Contract Performance Security or becoming due to the CONTRACTOR under the CONTRACT or may be recovered by actions of law or otherwise, if the CONTRACTOR fails to satisfy the EMPLOYER of such claims.

SECTION-VII Taxes and Insurance

98 Taxes, Duties, Octroi etc:

98.1 The CONTRACTOR agrees to and does hereby accept full and exclusive liability for the payment of any and all Taxes, Duties, including Excise duty, octroi etc. now or hereafter imposed, increased, modified, all the sales taxes, duties, octrois etc. now in force and hereafter increased, imposed or modified, from time to time in respect of WORKS and materials and all contributions and taxes for unemployment compensation, insurance and old age pensions or annuities now or hereafter imposed by any Central or State Government authorities which are imposed with respect to or covered by the wages, salaries, or other compensations paid to the persons employed by the CONTRACTOR and the CONTRACTOR shall be responsible for the compliance of all SUB-CONTRACTORS, with all applicable Central, State, Municipal and local law and regulation and requirement of any Central, State or local Government agency or authority. CONTRACTOR further agrees to defend, indemnify and hold EMPLOYER harmless from any liability or penalty which may be imposed by the Central, State or Local authorities by reason or any violation by CONTRACTOR or SUB-CONTRACTOR of such laws, suits or proceedings that may be brought against the EMPLOYER arising under, growing out of, or by reason of the work provided for by this CONTRACT, by third parties, or by Central or State Government authority or any administrative sub-division thereof.

Tax deductions will be made as per the rules and regulations in force in accordance with acts prevailing from time to time.

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|-----------------------------------|-------|--|
| 99 Sales tax/turnover tax: | 99.1 | Tenderer should quote all inclusive prices including the liability of Sales Tax/Turnover Tax whether on the works contract as a whole or in respect of bought out components used by the CONTRACTOR in execution of the CONTRACT. EMPLOYER shall not be responsible for any such liability of the CONTRACTOR in respect of this CONTRACT. |
| 100 Statutory variations | 100.1 | Tenderer should quote prices inclusive of excise-duty and sales tax applicable on finished product. Any statutory variations in Excise Duty and sales tax on finished product during the contractual completion period, shall be to the Employer's account for which the Contractor will furnish documentary evidence(s) in support of their claims to RSGL. However, any increase in the rate of these taxes and duties (E.D. and S.T.) beyond the contractual completion period shall be to Contractor's account and any decrease shall be passed on to RSGL. |
| 101 Insurance: | 101.1 | <p><u>GENERAL</u></p> <p>CONTRACTOR shall at his own expense arrange secure and maintain insurance with reputable insurance companies to the satisfaction of the EMPLOYER as follows:</p> <p>CONTRACTOR at his cost shall arrange, secure and maintain insurance as may be necessary and to its full value for all such amounts to protect the WORKS in progress from time to time and the interest of EMPLOYER against all risks as detailed herein. The form and the limit of such insurance, as defined here in together with the under works thereof in each case should be as acceptable to the EMPLOYER. However, irrespective of work acceptance the responsibility to maintain adequate insurance coverage at all times during the period of CONTRACT shall be that of CONTRACTOR alone. CONTRACTOR's failure in this regard shall not relieve him of any of his responsibilities and obligations under CONTRACT.</p> <p>Any loss or damage to the equipment, during ocean transportation, port/custom clearance, inland and port handling, inland transportation, storage, erection and commissioning till such time the WORK is taken over by EMPLOYER, shall be to the account of CONTRACTOR. CONTRACTOR shall be responsible for preferring of all claims and make good for the damage or loss by way of repairs and/or replacement of the parts of the Work damaged or lost. CONTRACTOR shall provide the EMPLOYER with a copy of all insurance policies and documents taken out by him in pursuance of the CONTRACT. Such copies of document shall be submitted to the EMPLOYER immediately upon the CONTRACTOR having taken such insurance coverage. CONTRACTOR shall also inform the EMPLOYER at least 60(Sixty) days in advance regarding the expiry cancellation and/or changes in any of such documents and ensure revalidation/renewal etc., as may be necessary well in time.</p> <p>Statutory clearances, if any, in respect of foreign supply required for the purpose of replacement of equipment lost in transit and/or</p> |

during erection, shall be made available by the EMPLOYER. CONTRACTOR shall, however, be responsible for obtaining requisite licenses, port clearances and other formalities relating to such import. The risks that are to be covered under the insurance shall include, but not be limited to the loss or damage in handling, transit, theft, pilferage, riot, civil commotion, weather conditions, accidents of all kinds, fire, war risk (during ocean transportation only) etc. The scope of such insurance shall cover the entire value of supplies of equipments, plants and materials to be imported from time to time.

All costs on account of insurance liabilities covered under CONTRACT will be to CONTRACTOR's account and will be included in VALUE OF CONTRACT. However, the EMPLOYER may from time to time, during the currency of the CONTRACT, ask the CONTRACTOR in writing to limit the insurance coverage risk and in such a case, the parties to the CONTRACT will agree for a mutual settlement, for reduction in VALUE OF CONTRACT to the extent of reduced premium amounts.

CONTRACTOR as far as possible shall cover insurance with Indian Insurance Companies, including marine Insurance during ocean transportation.

i) EMPLOYEES STATE INSURANCE ACT:

The CONTRACTOR agrees to and does hereby accept full and exclusive liability for the compliance with all obligations imposed by the Employee State Insurance Act 1948 and the CONTRACTOR further agrees to defend, indemnify and hold EMPLOYER harmless for any liability or penalty which may be imposed by the Central, State or Local authority by reason of any asserted violation by CONTRACTOR or SUB-CONTRACTOR of the

Employees' State Insurance Act, 1948, and also from all claims, suits or proceeding that may be brought against the EMPLOYER arising under, growing out of or by reasons of the work provided for by this CONTRACTOR, by third parties or by Central or State Government authority or any political sub- division thereof.

The CONTRACTOR agrees to fill in with the Employee's State Insurance Corporation, the Declaration Forms, and all forms which may be required in respect of the CONTRACTOR's or SUB- CONTRACTOR's employees, who are employed in the WORK provided for or those covered by ESI from time to time under the Agreement. The CONTRACTOR shall deduct and secure the agreement of the SUB- CONTRACTOR to deduct the employee's contribution as per the first schedule of the Employee's State Insurance Act from wages and affix the Employees Contribution Card at wages payment intervals. The CONTRACTOR shall remit and secure the agreement of SUB-CONTRACTOR to remit to the State Bank of India, Employee's State Insurance Corporation Account, the Employee's contribution as required by the Act. The CONTRACTOR agrees to maintain all cards and Records as required under the Act in respect of employees and payments and the CONTRACTOR shall secure the agreement of the SUB- CONTRACTOR to maintain such records. Any expenses incurred for the contributions,

making contributions or maintaining records shall be to the CONTRACTOR's or SUB-CONTRACTOR's account.

The EMPLOYER shall retain such sum as may be necessary from the total VALUE OF CONTRACT until the CONTRACTOR shall furnish satisfactory proof that all contributions as required by the Employees State Insurance Act, 1948, have been paid. This will be pending on the CONTRACTOR when the ESI Act is extended to the place of work.

ii) WORKMEN COMPENSATION
AND EMPLOYER'S LIABILITY
INSURANCE:

Insurance shall be effected for all the CONTRACTOR's employees engaged in the performance of this CONTRACT. If any of the work is sublet, the CONTRACTOR shall require the SUB-CONTRACTOR to provide workman's Compensation and employer's liability insurance for the later's employees if such employees are not covered under the CONTRACTOR's Insurance.

iii) ACCIDENT OR INJURY TO WORKMEN:

The EMPLOYER shall not be liable for or in respect of any damages or compensation payable at law in respect or in consequence of any accident or injury to any workman or other person in the Employment of the CONTRACTOR or any SUB-CONTRACTOR save and except an accident or injury resulting from any act or default of the EMPLOYER, his agents or servants and the CONTRACTOR shall indemnify and keep indemnified the EMPLOYER against all such damages and compensation (save and except and aforesaid) and against all claims, demands, proceeding, costs, charges and expenses, whatsoever in respect or in relation thereto.

iv) TRANSIT INSURANCE

In respect of all items to be transported by the CONTRACTOR to the SITE of WORK, the cost of transit insurance should be borne by the CONTRACTOR and the quoted price shall be inclusive of this cost.

V) COMPREHENSIVE AUTOMOBILE INSURANCE

This insurance shall be in such a form as to protect the Contractor against all claims for injuries, disability, disease and death to members of public including EMPLOYER's men and damage to the property of others arising from the use of motor vehicles during on or off the 'site' operations, irrespective of the Employership of such vehicles.

VI) COMPREHENSIVE GENERAL LIABILITY INSURANCE

- a) This insurance shall protect the Contractor against all claims arising from injuries, disabilities, disease or death of member of public or damage to property of others due to any act or omission on the part of the Contractor, his agents, his employees, his representatives and

Sub-Contractor's or from riots, strikes and civil commotion.

- b) Contractor shall take suitable Group Personal Accident Insurance Cover for taking care of injury, damage or any other risks in respect of his Engineers and other Supervisory staff who are not covered under Employees State Insurance Act.
- c) The policy shall cover third party liability. The third party (liability shall cover the loss/ disablement of human life (person not belonging to the Contractor) and also cover the risk of damage to others materials/ equipment/ properties during construction, erection and commissioning at site. The value of third party liability for compensation for loss of human life or partial/full disablement shall be of required statutory value but not less than Rs. 2 lakhs per death, Rs. 1.5 lakhs per full disablement and Rs. 1 lakh per partial disablement and shall nevertheless cover such compensation as may be awarded by Court by Law in India and cover for damage to others equipment/ property as approved by the Purchaser. However, third party risk shall be maximum to Rs. 10(ten) lakhs to death.
- d) The Contractor shall also arrange suitable insurance to cover damage, loss, accidents, risks etc., in respect of all his plant, equipments and machinery, erection tools & tackles and all other temporary attachments brought by him at site to execute the work.
- e) The Contractor shall take out insurance policy in the joint name of EMPLOYER and Contractor from one or more nationalised insurance company from any branch office at Project site.
- f) Any such insurance requirements as are hereby established as the minimum policies and coverage which Contractor must secure and keep in force must be complied with, Contractor shall at all times be free to obtain additional or increased coverage at Contractor's sole expenses.

vii) ANY OTHER INSURANCE REQUIRED UNDER LAW OR REGULATIONS OR BY EMPLOYER:

CONTRACTOR shall also carry and maintain any and all other insurance(s) which he may be required under any law or regulation from time to time without any extra cost to EMPLOYER. He shall also carry and maintain any other insurance which may be required by the EMPLOYER.

102 Damage to Property or to any Person or any Third Party

- 102.1 i) CONTRACTOR shall be responsible for making good to the satisfaction of the EMPLOYER any loss or any damage to structures and properties belonging to the EMPLOYER or being executed or procured or being procured by the EMPLOYER or of other agencies within in the premises of all the work of the EMPLOYER, if such

loss or damage is due to fault and/or the negligence or willful
actor omission of the CONTRACTOR, his employees,
agents,
representatives or SUB-CONTRACTORS.

- ii) The CONTRACTOR shall take sufficient care in moving his plants, equipments and materials from one place to another so that they do not cause any damage to any person or to the property of the EMPLOYER or any third party including overhead and underground cables and in the event of any damage resulting to the property of the EMPLOYER or of a third party during the movement of the aforesaid plant, equipment or materials the cost of such damages including eventual loss of production, operation or services in any plant or establishment as estimated by the EMPLOYER or ascertained or demanded by the third party shall be borne by the CONTRACTOR. Third party liability risk shall be Rupees One lakh for single accident and limited to Rupees Ten lakhs.
- iii) The CONTRACTOR shall indemnify and keep the EMPLOYER harmless of all claims for damages to property other than EMPLOYER's property arising under or by reason of this agreement, if such claims result from the fault and/or negligence or willful acts or omission of the CONTRACTOR, his employees, agents, representative of SUB-CONTRACTOR.

SECTION-VIII Labour Laws

103 Labour laws:

- 103.1 i) No labour below the age of 18 (eighteen) years shall be employed on the WORK.
- ii) The CONTRACTOR shall not pay less than what is provided under law to labourers engaged by him on the WORK.
- iii) The CONTRACTOR shall at his expense comply with all labour laws and keep the EMPLOYER indemnified in respect thereof.
- iv) The CONTRACTOR shall pay equal wages for men and women in accordance with applicable labour laws.
- v) If the CONTRACTOR is covered under the Contract labour (Regulation and Abolition) Act, he shall obtain a license from licensing authority (i.e. office of the labour commissioner) by payment of necessary prescribed fee and the deposit, if any, before starting the WORK under the CONTRACT. Such fee/deposit shall be borne by the CONTRACTOR.
- vi) The CONTRACTOR shall employ labour in sufficient numbers either directly or through SUB- CONTRACTOR's to maintain the required rate of progress and of quality to ensure workmanship of the degree specified in the CONTRACT and to the satisfaction of the ENGINEER-IN-CHARGE.
- vii) The CONTRACTOR shall furnish to the ENGINEER-IN-CHARGE the distribution return of the number and description, by trades of the work people employed on the works. The CONTRACTOR shall also submit on the 4th and 19th of every month to the ENGINEER-IN-CHARGE a true statement showing in respect of the second half of the preceding month and the first half of the current month (1) the accidents that occurred during the said fortnight showing the circumstances under which they happened and the extent of damage and injury caused by them and
(2) the number of female workers who have been allowed Maternity Benefit as provided in the Maternity Benefit Act 1961

on Rules made thereunder and the amount paid to them.

- viii) The CONTRACTOR shall comply with the provisions of the payment of Wage Act 1936, Employee Provident Fund Act 1952, Minimum Wages Act 1948. Employers Liability Act 1938. Workmen's Compensation Act 1923, Industrial Disputes Act 1947, the Maternity Benefit Act 1961 and Contract Labour Regulation and Abolition Act 1970, Employment of Children Act 1938 or any modifications thereof or any other law relating thereto and rules made thereunder from time to time.
- ix) The ENGINEER-IN-CHARGE shall on a report having been made by an Inspecting Officer as defined in Contract Labour (Regulation and Abolition) Act 1970 have the power to deduct from the money due to the CONTRACTOR any sum required or estimated to be required for making good the loss suffered by a worker or workers by reason of non- fulfilment of the Conditions of the Contract for the benefit of workers, non-payment of wages or of deductions made from his or their wages which are not justified by the terms of the Contract or non-observance of the said regulations.
- x) The CONTRACTOR shall indemnify the EMPLOYER against any payments to be made under and for the observance of the provisions of the aforesaid Acts without prejudice to his right to obtain indemnity from his SUB-CONTRACTOR's. In the event of the CONTRACTOR committing a default or breach of any of the provisions of the aforesaid Acts as amended from time to time, of furnishing any information or submitting or filling and Form/ Register/ Slip under the provisions of these Acts which is materially incorrect then on the report of the inspecting Officers, the CONTRACTOR shall without prejudice to any other liability pay to the EMPLOYER a sum not exceeding Rs.50.00 as Liquidated Damages for every default, breach or furnishing, making, submitting, filling materially incorrect statement as may be fixed by the ENGINEER-IN- CHARGE and in the event of the CONTRACTOR's default continuing in this respect, the Liquidated Damages may be enhanced to Rs.50.00 per day for each day of default subject to a maximum of one percent of the estimated cost of the WORK put to tender. The ENGINEER-IN-CHARGE shall deduct such amount from bills or Contract Performance Security of the CONTRACTOR and credit the same to the Welfare Fund constitute under these acts. The decision of the ENGINEER-IN-CHARGE in this respect shall be final and binding.

104 Implementation of apprentices act, 1961:

- 104.1 The CONTRACTOR shall comply with the provisions of the Apprentices Act, 1961 and the Rules and Orders issued thereunder from time to time. If he fails to do so, his failure will be a breach of the CONTRACT and the ENGINEER-IN-CHARGE may, at his discretion, cancel the CONTRACT. The CONTRACTOR shall also be liable for any pecuniary liability arising on account of any violation by him of the provisions, of the Act.

105 Contractor to indemnify the employer:

- 105.1 i) The CONTRACTOR shall indemnify the EMPLOYER and every member, office and employee of the EMPLOYER, also the ENGINEER-IN-CHARGE and his staff against all actions, proceedings, claims, demands, costs and expenses whatsoever arising out of or in connection with the matters referred to in Clause 102.0 and elsewhere and all actions, proceedings, claims, demands, costs and expenses which may be made against the EMPLOYER for or in respect of or arising out of any failure by the CONTRACTOR in the performance of his obligations under the CONTRACT DOCUMENT. The EMPLOYER shall not be liable for or in respect of or arising out of any failure by the CONTRACTOR in the performance of his obligations under the CONTRACT DOCUMENT. The EMPLOYER shall not be liable for or in respect of any demand or compensation payable by law in respect or in consequence of any accident or injury to any workmen or other person. In the employment of the CONTRACTOR or his SUB-CONTRACTOR the CONTRACTOR shall indemnify and keep indemnified the EMPLOYER against all such damages and compensations and against all claims, damages, proceedings, costs, charges and expenses whatsoever in respect thereof or in relation thereto.
- ii) PAYMENT OF CLAIMS AND DAMAGES:
- Should the EMPLOYER have to pay any money in respect of such claims or demands as aforesaid the amount so paid and the costs incurred by the EMPLOYER shall be charged to and paid by the CONTRACTOR and the CONTRACTOR shall not be at liberty to dispute or question the right of the EMPLOYER to make such payments notwithstanding the same, may have been made without the consent or authority or in law or otherwise to the contrary.
- iii) In every case in which by virtue of the provisions of Section 12, Sub-section (i) of workmen's compensation Act, 1923 or other applicable provision of Workmen Compensation Act or any other Act, the EMPLOYER is obliged to pay compensation to a workman employed by the CONTRACTOR in execution of the WORK, the EMPLOYER will recover from the CONTRACTOR the amount of the compensation so paid, and without prejudice to the rights of EMPLOYER under Section 12, Sub- section (2) of the said act, EMPLOYER shall be at liberty to recover such amount or any part thereof by deducting it from the Contract Performance Security or from any sum due to the CONTRACTOR whether under this CONTRACT or otherwise. The EMPLOYER shall not be bound to contest any claim made under Section 12, Sub-section (i) of the said act, except on the written request of the CONTRACTOR and upon his giving to the EMPLOYER full security for all costs for which the EMPLOYER might become liable in consequence of contesting such claim.

106.1 Health and sanitary arrangements for workers: In respect of all labour directly or indirectly employed in the WORKS for the performance of the CONTRACTOR's part of this agreement, the CONTRACTOR shall comply with or cause to be complied with all the rules and regulations of the local sanitary and other authorities or as framed by the EMPLOYER from time to time for the protection of health and sanitary arrangements for all workers.

106.2 The CONTRACTOR shall provide in the labour colony all amenities such as electricity, water and other sanitary and health arrangements. The CONTRACTOR shall also provide necessary surface transportation to the place of work and back to the colony for their personnel accommodated in the labour colony.

SECTION-IX Applicable Laws and Settlement of Disputes

107 Arbitration:

107.1 Unless otherwise specified, the matters where decision of the Engineer-in-Charge is deemed to be final and binding as provided in the Agreement and the issues/disputes which cannot be mutually resolved within a reasonable time, all disputes shall be referred to arbitration by Sole Arbitrator.

The Employer [RSGL] shall suggest a panel of three independent and distinguished persons to the bidder/contractor/supplier/buyer (as the case may be) to select any one among them to act as the Sole Arbitrator.

In the event of failure of the other parties to select the Sole Arbitrator within 30 days from the receipt of the communication suggesting the panel of arbitrators, the right of selection of the sole arbitrator by the other party shall stand forfeited and the EMPLOYER (RSGL) shall have discretion to proceed with the appointment of the Sole Arbitrator. The decision of Employer on the appointment of the sole arbitrator shall be final and binding on the parties.

The award of sole arbitrator shall be final and binding on the parties and unless directed/awarded otherwise by the sole arbitrator, the cost of arbitration proceedings shall be shared equally by the parties. The Arbitration proceedings shall be in English language and venue shall be Jaipur

Subject to the above, the provisions of (Indian) Arbitration & Conciliation ACT 1996 and the Rules framed there under shall be applicable. All matter relating to this contract are subject to the exclusive jurisdiction of the court situated at Jaipur

Bidders/suppliers/contractors may please note that the Arbitration & Conciliation Act 1996 was enacted by the Indian Parliament and is based on United Nations Commission on International Trade Law (UNCITRAL model law), which were prepared after extensive consultation with Arbitral Institutions and centers of International Commercial Arbitration. The United Nations General Assembly vide resolution 31/98 adopted the UNCITRAL Arbitration rules on 15 December 1976.

107.2 FOR THE SETTLEMENT OF DISPUTES BETWEEN GOVERNMENT DEPARTMENT AND ANOTHER AND ONE GOVERNMENT DEPARTMENT AND PUBLIC ENTERPRISE AND ONE PUBLIC ENTERPRISE AND ANOTHER THE ARBITRATION SHALL BE AS FOLLOWS:

"In the event of any dispute or difference between the parties hereto, such dispute or difference shall be resolved amicably by mutual consultation or through the good offices of empowered agencies of the Government. If such resolution is not possible, then, the unresolved dispute or difference shall be referred to arbitration of an arbitrator to be nominated by Secretary, Department of Legal Affairs ("Law Secretary") in terms of the Office Memorandum No.55/3/1/75-CF, dated the 19th December 1975 issued by the Cabinet Secretariat (Department of

Cabinet Affairs), as modified from time to time. The Arbitration Act 1940 (10 of 1940) shall not be applicable to the arbitration under this clause. The award of the Arbitrator shall be binding upon parties to the dispute. Provided, however, any party aggrieved by such

award may make a further reference for setting aside or revision of the award to Law Secretary whose decision shall bind the parties finally and conclusively.

108 Jurisdiction:

The CONTRACT shall be governed by and constructed according to the laws in force in INDIA. The CONTRACTOR hereby submits to the jurisdiction of the Courts situated at JAIPUR for the purposes of disputes, actions and proceedings arising out of the CONTRACT, the courts at JAIPUR only will have the jurisdiction to hear and decide such disputed, actions and proceedings.

SECTION-X Safety Codes

109 General:

109.1 CONTRACTOR shall adhere to safe construction practice and guard against hazardous, and unsafe working conditions and shall comply with EMPLOYER's safety rules as set forth herein. Prior to start of construction, CONTRACTOR will be furnished copies of EMPLOYER's "Safety Code" for information and guidance, if it has been prepared.

110 Safety regulations:

110.1 i) In respect of all labour, directly employed in the WORK for the performance of CONTRACTOR's part of this agreement, the CONTRACTOR shall at his own expense arrange for all the safety provisions as per safety codes of C.P.W.D., Indian Standards Institution. The Electricity Act, The Mines Act and such other acts as applicable.

ii) The CONTRACTOR shall observe and abide by all fire and safety regulations of the EMPLOYER. Before starting construction work CONTRACTOR shall consult with EMPLOYER's safety Engineers or ENGINEER- IN-CHARGE and must make good to the satisfaction of the EMPLOYER any loss or damage due to fire to any portion of the work done or to be done under this agreement or to any of the EMPLOYER's existing property.

111 First aid and industrial injuries:

111.0 i) CONTRACTOR shall maintain first aid facilities for its employees and those of its SUB-CONTRACTOR.

ii) CONTRACTOR shall make outside arrangements for ambulance service and for the treatment of industrial injuries. Names of those providing these services shall be furnished to EMPLOYER prior to start of construction and their telephone numbers shall be prominently posted in CONTRACTOR's field office.

iii) All critical industrial injuries shall be reported promptly to EMPLOYER, and a copy of CONTRACTOR's report covering each personal injury requiring the attention of a physician shall be furnished to the EMPLOYER.

112 General rules:

112.0 Smoking within the battery area, tank farm or dock limits is strictly prohibited. Violators of the no smoking rules shall be discharged immediately.

113 Contractor's barricades:

113.0 i) CONTRACTOR shall erect and maintain barricades required in connection with his operation to

guard or protect:-

- a) Excavations
- b) Hoisting Areas.
- c) Areas adjudged hazardous by CONTRACTOR's or EMPLOYER's inspectors.
- d) EMPLOYER's existing property subject to damage by CONTRACTOR's Operations.
- e) Rail Road unloading spots.

ii) CONTRACTOR's employees and those of his SUB-CONTRACTOR's shall become acquainted with EMPLOYER's barricading practice and shall respect the provisions thereof.

iii) Barricades and hazardous areas adjacent to, but not located in normal routes of travel shall be marked by red flasher lanterns at nights.

114 Scaffolding:

114.1

i) Suitable scaffolding should be provided for workmen for all works that cannot safely be done from the ground or from solid construction except such short period work as can be done safely from ladders. When a ladder is used an extra Mazdoor shall be engaged for holding the ladder and if the ladder is used for carrying material as well, suitable footholds and handholds shall be provided on the ladder and the ladder shall be given an inclination not steeper than 1 in 4 (1 horizontal and 4 vertical).

ii) Scaffolding or staging more than 4 metres above the ground or floor, swing suspended from an overhead support or erected with stationary support shall have a guard rail properly attached, bolted, braced and otherwise retarded at least one metre high above the floor or platform of such scaffolding or staging and extending along the entire length of the outside and ends thereof with only such openings as may be necessary for the delivery of materials. Such scaffolding or staging shall be so fastened as to prevent it from swaying from the building or structure.

iii) Working platform, gangway and stairway should be so constructed that they should not sag unduly or unequally and if the height of platform of the gangway or the stairway is more than 4 metres above the ground level or floor level, they should be closely boarded, should have adequate width and should be suitably fastened as in ii) above.

iv) Every opening in the floor of a building or in a working platform shall be provided with suitable means to prevent the fall of persons or materials by providing suitable fencing or railing whose minimum heights shall be 1 metre.

v) Safe-means of access shall be provided to all

working platforms and other working places, every ladder shall be securely fixed. No portable single ladder shall be over 9 metres in length while the width between side rails in rung ladder shall in no case be less than 30 cms for ladder upto and including 3 metres in length. For longer ladder this width should be increased 5mm for each additional foot of length. Uniform steps spacing shall not exceed 30 cms. Adequate precautions shall be taken to prevent danger from electrical equipment. No materials on any of the sites or work shall be so stacked or placed to cause danger or inconvenience to any person or public. The CONTRACTOR shall also provide all necessary fencing and lights to protect the workers and staff from accidents, and shall be bound to bear the expenses of defense of every suit, action or other proceeding of law that may be brought by any person for injury sustained owing to neglect of the above precautions and pay any damages and costs which may be awarded in any such suit or action or proceeding to any such person or which may with the consent of the CONTRACTOR be paid to compromise any claim by any such person.

115 Excavation and trenching:

115.1 All trenches 1.2 metres or more in depth, shall at all times be supplied with at least one ladder for each 50 metres length or fraction thereof.

Ladder shall be extended from bottom of the trenches to at least 1 metre above the surface of the ground. The sides of the trenches which are 1.5M in depth shall be stepped back to give suitable slope or securely held by timber bracing, so as to avoid the danger of sides to collapse. The excavated materials shall not be placed within 1.5 metres of the edge of the trench or half of the trench width whichever is more. Cutting shall be done from top to bottom. Under no circumstances undermining or undercutting shall be done.

116 Demolition/general safety:

- 116.1
- i) Before any demolition work is commenced and also during the progress of the demolition work
 - a) All roads and open areas adjacent to the work site shall either be closed or suitably protected.
 - b) No electric cable or apparatus which is liable to be a source of danger shall remain electrically charged.
 - c) All practical steps shall be taken to prevent danger to persons employed from risk of fire or explosion or flooding. No floor, roof or other part of the building shall be so overloaded with debris or materials as to render it unsafe.
 - ii) All necessary personal safety equipment as considered adequate by the ENGINEER-IN-CHARGE, should be kept available for the use of the persons employed on the SITE and maintained in condition suitable for immediate use, and the CONTRACTOR shall take adequate steps to ensure proper use of equipment by those concerned.

- a) Workers employed on mixing asphaltic materials, cement and lime mortars shall be provided with protective footwear and protective gloves.
- b) Those engaged in white washing and mixing or stacking or cement bags or any material which are injurious to the eyes be provided with protective goggles.
- c) Those engaged in welding and cutting works shall be provided with protective face & eye shield, hand gloves, etc.
- d) Stone breakers shall be provided with protective goggles and protective clothing and seated at sufficiently safe intervals.
- e) When workers are employed in sewers and manholes, which are in use, the CONTRACTOR shall ensure that the manhole covers are opened and are ventilated at least for an hour before the workers are allowed to get into the manholes, and the manholes so opened shall be cordoned off with suitable railing and provided with warning signals or board to prevent accident to the public.
- f) The CONTRACTOR shall not employ men below the age of 18 years and women on the work of painting with products containing lead in any form. Wherever men above the age of 18 years are employed on the work of lead painting, the following precautions should be taken.

- 1) No paint containing lead or lead product shall be used except in the form of paste or readymade paint.

- 2) Suitable face masks should be supplied for use by the workers when paint is applied in the form of spray or a surface having lead paint dry rubbed and scrapped.

- 3) Overalls shall be supplied by the CONTRACTOR to the workmen and adequate facilities shall be provided to enable the working painters to wash them during and on cessation of work.

- iii) When the work is done near any place where there is risk of drowning, all necessary safety equipment should be provided and kept ready for use and all necessary steps taken for prompt rescue of any person in danger and adequate provision should be made for prompt first aid treatment of all injuries likely to be sustained during the course of the work.
- iv) Use of hoisting machines and tackles including their attachments, anchorage and supports shall conform to the

following standards or conditions:

- a) These shall be of good mechanical construction, sound materials and adequate strength and free from patent defect and shall be kept in good working order.
- b) Every rope used in hoisting or lowering materials or as means of suspension shall be of durable quality and adequate strength and free from patent defects.
- c) Every crane driver or hoisting appliance operator shall be properly qualified and no person under the age of 21 years should be in charge of any hoisting machine including any scaffolding, winch or give signals to the operator.
- d) In case of every hoisting machine and of every chain ring hook, shackle, swivel, and pulley block used in hoisting or lowering or as means of suspension, the safe working load shall be ascertained by adequate means. Every hoisting machine and all gears referred to above shall be plainly marked with the safe working load of the conditions under which it is applicable and the same shall be clearly indicated. No part of any machine or any gear referred to above in this paragraph shall be loaded beyond safe working load except for the purpose of testing.
- e) In case of departmental machine, the safe working load shall be notified by the ENGINEER- IN-CHARGE. As regards CONTRACTOR's machines, the CONTRACTOR shall notify the safe working load of the machine to the ENGINEER-IN-CHARGE whenever he brings any machinery to SITE of WORK and get it verified by the Engineer concerned.
- v) Motors, gears, transmission lines, electric wiring and other dangerous parts of hoisting appliances should be provided with efficient safeguards. Hoisting appliances should be provided with such means as to reduce to minimum the accidental descent of the load, adequate precautions should be taken to reduce the minimum risk of any part or parts of a suspended load becoming accidentally displaced. When workers are employed on electrical installations which are already energised, insulating mats, wearing apparel, such as gloves, sleeves, and boots as may be necessary should be provided. The workers shall not wear any rings, watches and carry keys or other materials which are good conductors of electricity.
- vi) All scaffolds, ladders and other safety devices mentioned or described herein shall be maintained in safe conditions and no scaffolds, ladder or equipment shall be altered or removed while it is in use. Adequate washing facilities should be provided at or near places of work.
- vii) These safety provisions should be brought to the notice of all concerned by displaying on a notice board at a

prominent place at the work-spot. The person responsible for compliance of the safety code shall be named therein by the CONTRACTOR.

viii) To ensure effective enforcement of the rules and regulations relating to safety precautions, the arrangements made by the CONTRACTOR shall be open to inspection by the Welfare Officer, ENGINEER-IN-CHARGE or safety Engineer of the Administration or their representatives.

ix) Notwithstanding the above clauses there is nothing in these to exempt the CONTRACTOR for the operations of any other Act or rules in force in the Republic of India. The work throughout including any temporary works shall be carried out in such a manner as not to interfere in any way whatsoever with the traffic on any roads or footpath at the site or in the vicinity thereto or any existing works whether the property of the Administration or of a third party.

In addition to the above, the CONTRACTOR shall abide by the safety code provision as per C.P.W.D. Safety code and Indian Standard Safety Code from time to time.

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| 117 | Care in handling inflammable gas: | 117.1 | The CONTRACTOR has to ensure all precautionary measures and exercise utmost care in handling the inflammable gas cylinder/inflammable liquids/paints etc. as required under the law and/or as advised by the fire Authorities of the EMPLOYER |
| 118 | Temporary combustible structures: | 118.1 | Temporary combustible structures will not be built near or around work site. |
| 119 | Precautions against fire: | 119.1 | The CONTRACTOR will have to provide Fire Extinguishers, Fire Buckets and drums at worksite as recommended by ENGINEER-IN-CHARGE. They will have to ensure all precautionary measures and exercise utmost care in handling the inflammable gas cylinders/ inflammable liquid/ paints etc. as advised by ENGINEER-IN-CHARGE. Temporary combustible structures will not be built near or around the work-site. |
| 120 | Explosives: | 120.1 | Explosives shall not be stored or used on the WORK or on the SITE by the CONTRACTOR without the permission of the ENGINEER-IN-CHARGE in writing and then only in the manner and to the extent to which such permission is given. When explosives are required for the WORK they will be stored in a special magazine to be provided at the cost of the CONTRACTOR in accordance with the Explosives Rules. The CONTRACTOR shall obtain the necessary license for the storage and the use of explosives and all operations in which or for which explosives are employed shall be at sole risk and responsibility of the CONTRACTOR and the CONTRACTOR shall indemnify the EMPLOYER against any loss or damage resulting directly or indirectly there from. |
| 121 | Mines act: | 121.1 | SAFETY CODE: The CONTRACTOR shall at his own expense arrange for the safety provisions as required by the ENGINEER-IN-CHARGE in respect of all labour directly employed |

for performance of the WORKS and shall provide all facilities in connection therewith. In case the CONTRACTOR fails to make arrangements and provides necessary facilities as aforesaid, the ENGINEER-IN- CHARGE shall be entitled to do so and recover the costs thereof from the CONTRACTOR.

121.2 Failure to comply with Safety Code or the provisions relating to report on accidents and to grant of maternity benefits to female workers shall make the CONTRACTOR liable to pay Company Liquidated Damages an amount not exceeding Rs.50/- for each default or materially incorrect statement. The decision of the ENGINEER-IN-CHARGE in such matters based on reports from the Inspecting Officer or from representatives of ENGINEER-IN-CHARGE shall be final and binding and deductions for recovery of such Liquidated Damages may be made from any amount payable to the CONTRACTOR from all the provisions of the Mines Act, 1952 or any statutory modifications or re-enactment thereof the time being in force and any Rules and Regulations made thereunder in respect of all the persons employed by him under this CONTRACT and shall indemnify the EMPLOYER from and against any claim under the Mines Act or the rules and regulations framed thereunder by or on behalf of any persons employed by him or otherwise.

122 Preservation of peace:

122.1 The CONTRACTOR shall take requisite precautions and use his best endeavour to prevent any riotous or unlawful behaviour by or amongst his worker and others employed or the works and for the preservation of peace and protection of the inhabitants and security of property in the neighbourhood of the WORK. In the event of the EMPLOYER requiring the maintenance of a Special Police Force at or in the vicinity of the site during the tenure of works, the expenses thereof shall be borne by the CONTRACTOR and if paid by the EMPLOYER shall be recoverable from the CONTRACTOR.

123 Outbreak of infectious diseases:

123.1 The CONTRACTOR shall remove from his camp such labour and their facilities who refuse protective inoculation and vaccination when called upon to do so by the ENGINEER-IN-CHARGE's representative. Should Cholera, Plague or other infectious diseases break out the CONTRACTOR shall burn the huts, beddings, clothes and other belongings or used by the infected parties and promptly erect new huts on healthy sites as required by the ENGINEER-IN-CHARGE failing which within the time specified in the Engineer's requisition, the work may be done by the EMPLOYER and the cost thereof recovered from the CONTRACTOR.

124 Use of intoxicants:

124.1 The unauthorised sale of spirits or other intoxicants, beverages upon the work in any of the buildings, encampments or tenements owned, occupied by or within the control of the CONTRACTOR or any of his employee is forbidden and the CONTRACTOR shall exercise his influence and authority to the utmost extent to secure strict compliance with this condition.

In addition to the above, the CONTRACTOR shall abide by the safety code provision as per C.P.W.D. safety code and Indian Standard Code framed from time to time.

ATTACHMENT – I

**INDEMNITY BOND FOR FREE ISSUE ITEMS
SUPPLY**

PROFORMA OF INDEMNITY BOND FOR SUPPLY OF MATERIALS BY EMPLOYER

(To be executed on non-judicial stamped paper of appropriate value)

WHEREAS RSGL (hereinafter referred to as RSGL) which expression shall unless repugnant to the context includes their legal representatives, successors and assigns having their Registered office at Rajasthan State Gas Ltd., Room no. 303, Khaniz Bhawan, Tilak Marg, C- Scheme, Jaipur - 302005 has entered into a CONTRACT with _____ (hereinafter referred to as the CONTRACTOR which expression shall unless repugnant to the context include their legal representatives, successors and assigns) for..... on the terms and conditions as set out, inter-alia, in the CONTRACT No..... Dated and various documents forming part thereof hereinafter collectively referred to as the "CONTRACT" which expression shall include all amendments, modifications and/or variations thereto.

AND WHEREAS

- i) RSGL has agreed to supply to the CONTRACTOR, equipment, plants and materials (finished, semi-finished and raw) for the purpose of EXECUTION of the said CONTRACT by the CONTRACTOR (the equipment, plants and materials to be supplied by RSGL to the CONTRACTOR, hereinafter for the sake of brevity referred to as the "said materials") and pending execution by the CONTRACTOR of the CONTRACT incorporating the said materials, the said materials shall be under the custody and charge of the CONTRACTOR and shall be kept, stored, altered, worked upon and/or fabricated at the sole risk and expense of the CONTRACTOR.
- ii) As a pre-condition to the supply of the said materials by RSGL to the CONTRACTOR, RSGL has required the CONTRACTOR to furnish to RSGL an Indemnity Bond in the manner and upon terms and conditions hereinafter indicated.

NOW, THEREFORE, in consideration of the premises aforesaid the CONTRACTOR hereby irrevocably and unconditionally undertakes to indemnify and keep indemnified RSGL from and against all loss, damage and destruction (inclusive but not limited to any or all loss or damage or destruction to or of the said materials or any item or part thereof by theft, pilferage, fire, flood, storm, tempest, lightning, explosion, storage, chemical or physical action or reaction, binding, warping, exposure, rusting, faulty workmanship, faulty fabrication, or faulty method or technique of fabrication, strike, riot, civil commotion, or other act or omission or commission whatsoever within or beyond the control of the CONTRACTOR, misuse and misappropriation (inclusive but not limited to the misuse or misappropriation by the CONTRACTOR and the Contractor's servants and/or agents) whatsoever to, or of in the said materials or any part of them thereof from the date that the same or relative part of item thereof was supplied to the CONTRACTOR upto and until the date of return to RSGL of the said materials or relative part of item thereof or completed fabricated works(s) incorporating the said material and undertake to pay to RSGL forthwith on demand in writing without protest or demur the value as specified by RSGL of the said material or item or part thereof, lost, damaged, destroyed, misused and/or misappropriated, as the case may be or, together with RSGL's costs and expenses (inclusive of but not limited to handling, transportation, cartage, insurance, freight, packing and inspection costs/or expenses upto) and aggregate limit of

Rs. _____

(Rupees)

_____).

AND THE CONTRACTOR hereby agrees with RSGL that:

- i) This Indemnity/Undertaking shall be a continuing Indemnity/ Undertaking and shall remain valid and irrevocable for all claims of RSGL arising hereunder up to and until the midnight of _____. However, if the CONTRACT for which this Indemnity/Undertaking is given is not completed by this date, the CONTRACTOR hereby agrees to extend the Indemnity/Undertaking till such time as is required to fulfil the CONTRACT.
- ii) This Indemnity/Undertaking shall not be determined by any change in constitution or upon insolvency of the CONTRACTOR but shall be in all respects and for all purposes be binding and operative until payment of all moneys payable to RSGL in terms of hereof.
- iii) The mere statement of allegation made by or on behalf of RSGL in any notice or demand or other writing addressed to the CONTRACTOR as to any of the said material or item or part thereof having been lost , damaged, destroyed, misused or misappropriated while in the custody of the CONTRACTOR and/or prior to completion of the completed fabricated work(s) and delivery to job site thereof incorporating the said materials shall be conclusive of the factum of the said material or item or part thereof having been supplied to the CONTRACTOR and/or the loss, damage, destruction, misuse or misappropriation thereof, as the case may be, while in the custody of the CONTRACTOR and/or prior to the completion of the completed fabricated work(s) and delivery to job site thereof incorporating the said materials without necessity on the part of RSGL to produce any documentary proof or other evidence whatsoever in support of this.
- iv) The amount stated in any notice of demand addressed by RSGL to the CONTRACTOR as to the value of such said materials lost, damaged, destroyed, misused or misappropriated, inclusive relative to the costs and expenses incurred by RSGL in connection therewith shall be conclusive of the value of such said materials and the said cost and expenses as also of the amount liable to be paid to RSGL to produce any voucher, bill or other documentation or evidence whatsoever in support thereof and such amount shall be paid without any demur and on demand and no dispute shall be raised concerning the same.

The undersigned has full power to execute this Indemnity Bond on behalf of the CONTRACTOR under the Power of Attorney dated_____.

(SIGNED BY COMPETENT AUTHORITY)

Place:

Dated:

Official seal of the CONTRACTOR

ATTACHMENT – II

CONTRACT AGREEMENT

PROFORMA FOR CONTRACT AGREEMENT

LOA No. RSGL/

dated -----

Contract Agreement for the work of ----- of RSGL made on ----- between (Name and Address)-----, hereinafter called the "CONTRACTOR" (which term shall unless excluded by or repugnant to the subject or context include its successors and permitted assignees) of the one part and RSGL hereinafter called the "EMPLOYER" (which term shall, unless excluded by or repugnant to the subject or context include its successors and assignees) of the other part.

WHEREAS

- A. The EMPLOYER being desirous of having provided and executed certain work mentioned, enumerated or referred to in the Tender Documents including Letter Inviting Tender, General Tender Notice, General Conditions of Contract, Special Conditions of Contract, Specifications, Drawings, Plans, Time Schedule of completion of jobs, Schedule of Rates, Agreed Variations, other documents has called for Tender.
- B. The CONTRACTOR has inspected the SITE and surroundings of WORK specified in the Tender Documents and has satisfied himself by careful examination before submitting his tender as to the nature of the surface, strata, soil, sub-soil and ground, the form and nature of site and local conditions, the quantities, nature and magnitude of the work, the availability of labour and materials necessary for the execution of work, the means of access to SITE, the supply of power and water thereto and the accommodation he may require and has made local and independent enquiries and obtained complete information as to the matters and thing referred to, or implied in the tender documents or having any connection therewith and has considered the nature and extent of all probable and possible situations, delays, hindrances or interferences to or with the execution and completion of the work to be carried out under the CONTRACT, and has examined and considered all other matters, conditions and things and probable and possible contingencies, and generally all matters incidental thereto and ancillary thereof affecting the execution and completion of the WORK and which might have influenced him in making his tender.
- C. The Tender Documents including the Notice Letter Inviting Tender, General Conditions of Contract, Special Conditions of Contract, Schedule of Rates, General Obligations, SPECIFICATIONS, DRAWINGS, PLANS, Time Schedule for completion of Jobs, Letter of Acceptance of Tender and any statement of agreed variations with its enclosures copies of which are hereto annexed form part of this CONTRACT though separately set out herein and are included in the expression "CONTRACT" wherever herein used.

AND WHEREAS

The EMPLOYER accepted the Tender of the CONTRACTOR for the provision and the execution of the said WORK at the rates stated in the schedule of quantities of the work and finally approved by EMPLOYER (hereinafter called the "Schedule of Rates") upon the terms and subject to the conditions of CONTRACT.

NOW THIS AGREEMENT WITNESSETH AND IT IS HEREBY AGREED AND DECLARED AS FOLLOWS:-

1. In consideration of the payment to be made to the CONTRACTOR for the WORK to be executed by him, the CONTRACTOR hereby covenants with EMPLOYER that the CONTRACTOR shall and will duly provide, execute and complete the said work and shall do and perform all other acts and things in the CONTRACT mentioned or described or which are to be implied there from or maybe reasonably necessary for the completion of the said WORK and at the said times and in the manner and subject to the terms and conditions or stipulations mentioned in the contract.
2. In consideration of the due provision execution and completion of the said WORK, EMPLOYER does hereby agree with the CONTRACTOR that the EMPLOYER will pay to the CONTRACTOR the respective amounts for the WORK actually done by him and approved by the EMPLOYER at the Schedule of Rates and such other sum payable to the CONTRACTOR under provision of CONTRACT, such payment to be made at such time in such manner as provided for in the CONTRACT.

A N D

3. In consideration of the due provision, execution and completion of the said WORK the CONTRACTOR does hereby agree to pay such sums as may be due to the EMPLOYER for the services rendered by the EMPLOYER to the CONTRACTOR, such as power supply, water supply and others as set for in the said CONTRACT and such other sums as may become payable to the EMPLOYER towards the controlled items of consumable materials or towards loss, damage to the EMPLOYER'S equipment, materials construction plant and machinery, such payments to be made at such time and in such manner as is provided in the CONTRACT.

It is specifically and distinctly understood and agreed between the EMPLOYER and the CONTRACTOR that the CONTRACTOR shall have no right, title or interest in the SITE made available by the EMPLOYER for execution of the works or in the building, structures or work executed on the said SITE by the CONTRACTOR or in the goods, articles, materials etc., brought on the said SITE (unless the same specifically belongs to the CONTRACTOR) and the CONTRACTOR shall not have or deemed to have any lien whatsoever charge for unpaid bills will not be entitled to assume or retain possession or control of the SITE or structures and the EMPLOYER shall have an absolute and unfettered right to take full possession of SITE and to remove the CONTRACTOR, their servants, agents and materials belonging to the CONTRACTOR and lying on the SITE.

The CONTRACTOR shall be allowed to enter upon the SITE for execution of the WORK only as a licensee simpliciter and shall not have any claim, right, title or interest in the SITE or the structures erected thereon and the EMPLOYER shall be entitled to terminate such license at any time without assigning any reason.



The materials including sand, gravel, stone, loose, earth, rock etc., dug up or excavated from the said SITE shall, unless otherwise expressly agreed under this CONTRACT, exclusively belong to the EMPLOYER and the CONTRACTOR shall have no right to claim over the same and such excavation and materials should be disposed off on account of the EMPLOYER according to the instruction in writing issued from time to time by the ENGINEER-IN-CHARGE.

In Witness whereof the parties have executed these presents in the day and the year first above written.

Signed and Delivered for and on
on behalf of EMPLOYER.

Signed and Delivered for and
on behalf of the CONTRACTORS.

RSGL

(NAME OF THE CONTRACTOR)

Date : _____

Date : _____

Place: _____

Place: _____

IN PRESENCE OF TWO WITNESSES

1. _____

1. _____

2. _____

2. _____

SECTION – III

1.0 SPECIAL CONDITIONS OF CONTRACT (SCC)

2.0 ANNEXURE TO SCC

PART-III

CONTENTS

1.0 SPECIAL CONDITIONS OF CONTRACT

2.0 ANNEXURE TO SCC

3.0 PARTICULAR JOB SPECIFICATION

SECTION III

1. SPECIAL CONDITIONS OF CONTRACT

Special Conditions of Contract

1. Section-1: Contract Outline
2. Section-2: Brief Scope of Work
3. Section-3: Details Scope of Work and Description
4. Section-4: Other General Conditions
5. Section-5: Compliances under various Labour Laws.
6. Section-6: Scope of Services

Section-I: Contract Outline

Introduction:

- 1.1. Rajasthan State Gas Limited. (A JV of RSPCL and GAIL Gas Limited) was incorporated on September 20, 2013 for the smooth implementation of City Gas Distribution (CGD) projects. Rajasthan State Gas Limited. is a Ltd. company under the Companies Act, 1956. Rajasthan State Gas Limited. has been authorized to lay, operate or expand City Gas Distribution Network in the authorized geographical area of Kota under PNGRB Regulation
- 1.2. Rajasthan State Gas Limited. Kota has laid several kilometers of Steel & MDPE pipelines in the geographical area of Kota covering Kota Rural & Urban districts. These pipelines are supplying Piped Natural Gas (PNG) to various Industrial, Commercial & Domestic consumers. The CGD network in Kota shall be expanding continuously and infrastructure to supply PNG to various consumers along with CNG stations shall be augmented periodically.
- 1.3. The main objective of Rajasthan State Gas Limited., Kota operations is to supply uninterruptable gas to its esteemed customers and maintain the CGD network in healthy condition so that it is available for operation always with minimum possible break down time. Safe operation is paramount for CGD Operations.
- 1.4. The contract for Services for O&M of Rajasthan State Gas Limited. CGD Network Kota will be executed on Annual Rate Contract basis. O&M of CNG compressor, dispenser & Steel Network is not part of this contract.
- 1.5. Special Conditions of Contract shall be read in conjunction with the General Conditions of Contract, Scope of Work, Drawings, Schedule of Rates and any other documents forming part of this Contract, wherever the context so requires. Notwithstanding the sub-divisions of the document into these separate sections and volumes, every part of each shall be deemed to be supplementary to and complementary of every other part and shall be read with and into the

Contract.

- 1.6. Where any portion of the Special Conditions of Contract is repugnant to or at variance with any provisions of the General Conditions of Contract, then unless a different intention appears, the provision of the Special Conditions of Contract shall be deemed to override the provision of the General Conditions of Contract only to the extent variations in the Special Conditions of Contract as are not possible of being reconciled with the provisions of General Conditions of Contract.
- 1.7. Wherever it is mentioned in the specification that the Contractor shall perform certain work or provide certain facilities as per the best industrial practices, it is understood that the Contractor shall do so at his cost and the value of contract shall be deemed to have included cost of such performance and provisions, so mentioned.
- 1.8. The materials, equipment, and workmanship shall satisfy the applicable standards, specifications contained herein and codes referred to. Where the Technical Specifications stipulate requirements in addition to those contained in the Standard Codes and Specifications, those additional requirements shall also be satisfied.
- 1.9. It will be the Contractor's responsibility to bring to the notice of Rajasthan State Gas Limited. any irreconcilable conflict in the contract documents prior to submitting bid offer or making the supply with reference to the conflict exists.
- 1.10. Prior to submitting the bids, it shall be assumed that the Bidder is fully familiar with the Site Conditions and has conducted thorough studies of the Site with regards Site Conditions, Climatic Conditions, local labour laws, equipment availability, transport and Communication facilities, space for control rooms and all other factors, facilities and things whatsoever necessary or relevant for performing the Works.
- 1.11. The bidder is advised to visit and examine the site of works and its surroundings and obtain for himself on his own responsibility, all information that may be necessary for preparing of the bid and entering into contract. The cost of visiting the site shall be at bidder's own expenses.
- 1.12. The bidder or any of its personnel or agents will be granted permission by the Employer to enter upon its premises and land for the purpose of such visits, but only upon the express condition that the bidder, its personnel, and agents will release and indemnify the Employer and its personnel and agents from and against all liabilities in respect thereof, and will be responsible for death or personal injury, loss of or damage to property, and any loss, damage, costs, and expenses incurred as a result of the inspection.

2. Outline of the Contract:

The major works under this tender shall be providing services for various CNG Satations on round the clock basis, maintenance of CGD equipment viz. DRS, MRS etc., effective patrolling of entire MDPE network with GPS tracking system, safeguarding the MDPE network from Third Party damages, immediate restoration of damaged portion of MDPE network, attending customer complaints, conversion of LPG stoves, installation of GI/Cu etc. The detailed scope work is included along with Schedule of Rates.

3. Period of Contract, Mobilization Period:

- 3.1. The duration of the contract shall be for a period of One (1) year with effect from the date of FOA (Fax of Acceptance) or Letter of Acceptance whichever is earlier excluding mobilization period of 30 days and may be extended by one year on the same rates, terms and conditions, at the sole discretion of Rajasthan State Gas Limited., after requisite approvals. Quoted rates shall remain valid for the tenure of the contract and for extended period if any.
- 3.2. Mobilization period shall be Fifteen (15) days from the date of FOA / LOA. Deployment shall be done as per the intimation from EIC. Delay in the start of monitoring jobs after mobilization period of 15 days shall be considered on contractor's account and a penalty of Rs. 50,000/- per week shall be imposed for such delay.
- 3.3. All expenses towards mobilization at site and de-mobilization of equipment,

Work force, material and clearing the site etc. shall be deemed to be included in the price quoted by the contractor and no extra payment on such expenses shall be entertained.

- 3.4. No mobilization advance is payable to contractor for the said work.
- 3.5. The contractor shall make his own arrangement for removal of old as well as unused material from work site to the place indicated by the EIC, after completion of work.
4. **Defect Liability Period (DLP)** shall be Six (6) Months from the actual date of completion of contract and issuance of completion certificate. If any defects are found in the work executed by the contractor are found till the end of DLP, contractor shall rectify / redo such works to the satisfaction of EIC. Performance Bank Guarantee shall be released only after completion of all such jobs by the end of DLP period.

5. Methodology for Award of Work:

- 5.1. Please refer Section 1.2 of Tender document.
- 5.2. If the Contractor(s) fail to execute the job(s) as per the scope, the same shall be executed by any of the Contractor at the risk & cost of the non performing contractor and the expenses towards these shall be recovered including 15% of Rajasthan State Gas Limited over heads.

6. Payment Terms:

- 6.1. Monthly running bills consolidated to all the locations to be submitted by the Contractor/Contractor for verification and certification by Site-In-charge (SIC) at site. Subsequently, the bills will be duly certified by Engineer-In-charge (EIC) or by nominated Authorized representative of EIC.
 - a. The following documents should be submitted along with the bills to Rajasthan State Gas Limited. through Site in- charge / Engineer-In-charge (EIC) for the release of payment by Finance Department at Rajasthan State Gas Limited. Kota. The payment will be made through e-banking system.
 - b. Monthly bill duly certified by the contractor or his authorized representative
 - c. Copy of e-banking wage sheet/bank statement duly stamped by designated bank and duly certified by the contractor or his authorized representative. (if the RA Bill of April 2019 is submitted then copy of payment of wages, PF Challan, ESIC required up to March 2019).
 - d. Copy of Electronic Challan cum Return (ECR) and bank remittance slip for the proof of deposit of Provident Fund contribution with RPFC along with details of employees and Provident Fund A/C No duly stamped by designated bank.

- a. Goods service tax (Cen VAT Invoice) with GST number.
 - b. The final bill shall be submitted by the Contractor/Contractor within a month from the date of completion of the contract. No Claim Certificate, No Dues Certificate, shall be submitted by the contractor along with the Final Bill.
 - c. TDS on GST will be applicable as per extent of law.
7. **Paying Authority:** Contractor shall correspond to the following Authority for payment related matters & statutory deductions etc. post submission to Paying Authority: **CFO-Rajasthan State Gas Limited, Jaipur**
8. **Insurance:** Contractor shall take 'All Risk Policy' including insurance for Free Issue Material of Worth ₹. 25,00,000/- valid for the entire duration of contract period. The tentative free Issue materials include Gas Meters, Regulators, Fusion Machines, Generator Sets, MDPE Pipes & Fittings etc.
9. **Instructions to Bidders:**
- 9.1. The Contractor / contractor shall provide, at its own costs, uniforms, PPEs (Helmet, Shoes, Gloves, Goggles etc.) to its employees and ensure that its employees, while on duty, wear such uniforms. The dress code (100% Cotton) for uniform shall be as prescribed by Rajasthan State Gas Limited .
 - 9.2. The Contractor / contractor shall be responsible for ensuring that its employees conduct themselves in a proper manner and are courteous to customers. The Contractor / contractor shall not engage or employ any person with a criminal record/ background. The Contractor / contractor shall remove the employee or worker who is found guilty of misconduct or negligence while on duty or whose conduct is not in order. The decision regarding this shall be taken by the EIC or his authorized representative. Contractor shall submit police verification of their employees on demand from Rajasthan State Gas Limited.
 - 9.3. The Contractor / contractor shall take due care of the equipment installed and ensure that the same are operated by properly trained people in a prudent manner. In case of any breakdown in or damage to or defect in the equipment, the Contractor / contractor shall immediately notify to the Rajasthan State Gas Limited. official and shall not operate till clearance is given by Rajasthan State Gas Limited.
 - 9.4. The Contractor / contractor shall follow the safety procedures, issued from time to time, specified by Rajasthan State Gas Limited. The Contractor / contractor shall ensure full and strict compliance of the guidelines, norms, rules, stipulations etc. as may be prescribed by Petroleum & Explosives Safety Organization (PESO) Nagpur, Chief Fire Officer (CFO), and any other statutory authorities from time to time at the Site.
 - 9.5. The work is to be carried out in "Restricted Area" (i.e. operating area not open for all being hazardous in nature) and Contractor/Contractor shall work as per the instructions of Site Engineer/ Engineer-In-Charge.
 - 9.6. The contractor shall provide suitable mode for communication (Telephone or Mobile phone) at each location. The rates quoted for operations shall be inclusive of this and no separate payment will be made to the contractor on this account.
 - 9.7. The jobs performed under this contract shall be of services in nature and supply items such as MDPE pipes, fittings, steel pipes shall be provided by Rajasthan State Gas Limited. However,

all the consumable material required for completion of the jobs shall be provided by the Contractor.

- 9.8. The Contractor/Contractor shall arrange at his own cost the boarding, lodging & to and fro transportation for his staff. The contractor shall arrange suitable conveyance to the manpower deployed by him for attending various activities at each base office. At no point of time work should not get hampered due to mobility constraints. If any delay in responding to any complaint shall be viewed seriously and suitable penalty shall be levied on the contractor.
- 9.9. The Contractor/Contractor shall provide proper identification cards to his personnel duly signed by the Contractor/Contractor or his authorized representative. The identity cards shall be traceable with any of the Govt. issued Identity Cards for each individual.
- 9.10. During contract period, qualified bidder or his staff /crew cannot resort to strike or other means of agitation on any ground, which affects the operations. Any absence of crew / staff shall be viewed seriously and contract is liable to be terminated by Rajasthan State Gas Limited. withholding all balance dues of contract and deposits and including encashment of performance bank guarantee.
- 9.11. The contractor shall open & operate Pradhan Mantri Jeevan Jyoti Bima Yojana (PMJJBY) and Pradhan Mantri Suraksha Bima Yojana (PMSBY) Insurance for all its employees deployed for this tender and shall submit the documents as required.
- 9.12. The contractor shall liaison / deal with the local operational issues in consultation with local authorities like police, fire brigade, affected customers or public and other concerned authorities to protect the Rajasthan State Gas Limited. asset.

10. Liability/Indemnity:

- 10.1. Rajasthan State Gas Limited. agrees not to be liable in any manner whatsoever (including for any loss or injury caused) to the employees or workers of the Contractor / contractor during the course of their employment with the Contractor / contractor or thereafter and the Contractor / contractor shall be solely liable to his employees or workers.
- 10.2. The Contractor / contractor agrees to be liable for the safety and security of the equipment installed on the Site and shall ensure that, at all times, the Safety Procedures are duly followed.
- 10.3. The Contractor / contractor shall be liable for any unauthorized act of its employees or workers and agrees to ensure that its activities are in conformity with the terms and conditions of this Contract.
- 10.4. The Contractor / contractor shall indemnify and keep indemnified, save harmless and defend Rajasthan State Gas Limited. from and against any loss, damage, claim, action, proceedings, costs, charges and expenses that may be suffered or incurred by Rajasthan State Gas Limited. On account of any damage or injury to the person or property of any third party caused by any negligence or default of the Contractor / contractor or any of its employees or workers in following the Safety procedures or otherwise howsoever or on account of any acts done or performed or caused to be done or performed by its employees or workers in the course of its/their activities under this Contract.
- 10.5. Whenever any claim against the bidder for payment of a sum of money arises out of or under the contract, Rajasthan State Gas Limited. shall be entitled to recover such sum by appropriating, in

part or whole part of the security. In the event of security being insufficient or if no security has been taken from the bidder then the balance or the total sum recoverable, as the case may be, shall be deducted from any sum then due or which at any time thereafter may become due from the contractor under this or any other contract with the company should this sum be not sufficient to cover the full amount recoverable, the contractor shall pay to the Rajasthan State Gas Limited. on demand the balance remaining due.

10.6. Contractor shall accept full and exclusive liability for the compliance with all obligations imposed and further agrees to defend, indemnify and hold Owner harmless for any liability or penalty which may be imposed by the Central, State, Local authority also from all claims, suits or proceedings that may be brought against the Owner arising under growing out of or by reason of the work provided for may by this contract whether brought by employee of the contractor by third parties or by Central Government , State Government of Local authority for the following acts and liabilities

- i. Workmen compensation & Employer's insurance.
- ii. Accident or injury to workmen.
- iii. Damage to Rajasthan State Gas Limited. property or to any person or third party.
- iv. Payment of wages act.
- v. Any other insurance required law or regulations.

10.7. Contractor must indemnify Rajasthan State Gas Limited. / Rajasthan State Gas Limited.'s employees against any liquidated damages incurred as the principal employer for any failure of contractor to honor various central / state / local self-body laws / enactments in this respect.

10.8. Contractor himself shall be fully and exclusively responsible for any damage to the equipment or any personal injury to operator or any other person in the employment of the contractor, occupant or any property.

10.9. Contractor will be solely responsible for any consequences under laws arising out of any accidents caused to property / persons. The contractor shall also be responsible for any claim / compensation that arises due to damage / cause of injuries / disabilities / death etc. during the contract period Rajasthan State Gas Limited. will not be responsible for any claim / compensation that arises due to damages / injuries under any circumstances in which the equipment is engaged for Rajasthan State Gas Limited. duty.

10.10 The Contractor shall comply with all the applicable leave Rules including leave with wages in terms of applicable labour legislations i.e. Factories Act, 1948 / Shops & wages in terms of applicable labour legislations i.e. Factories Act, 1948 / Shops & Establishment Act/ Industrial Establishment (national & festival holidays, casual & sick leave) Act, 1965.

11. Interpretation of Documents: In case of contradiction between Indian Standard, General Conditions of Contract, Special Conditions of Contract, Specifications, Schedule of Rates, the following shall prevail in order of precedence:

- a) Letter of acceptance along with statement of Agreed variations.
- b) Letter of Intent / Fax of Acceptance
- c) Schedule of Rates, Scope of Work as enclosures to letter of acceptance
- d) Job Specifications & Drawings
- e) Technical / Material Specifications
- f) Special Conditions of Contract

- g) General Conditions of Contract
 - h) Indian Standards
 - i) Other Applicable Standards
12. **Measurement of Works:** Payment will be made on the basis work duly certified by Nominated Site -In-Charge. Linear measurements will be in hours and converted to days. Indian Standard Method of measurement (IS:1200) as last amended, shall be referred for measurement purposes wherever applicable.
13. **Income Tax:** Income tax at the prevailing rates as applicable from time to time shall be deducted from contractor's bill as per income tax act and quoted rates shall be deemed to be including this. Contractor has to enclose PAN card.
14. **Provident Fund ACT:** Contractor shall strictly comply with the provisions of Employees Provident Fund Act. In case the RPFC challan / receipt, as above, is not furnished, Owner shall deduct suitably of the payable amount from contractor's running bill and retain the same as a deposit. Such retaining amounts shall be refunded to Contractor on production of RPFC challan / receipt for the period covered by the related running bill.
15. **Registration under Goods and Service Tax (GST):** Attested copy of certificate for registration under applicable provisions of GST must accompany the tender. In case any unregistered bidder is submitting their bid, their prices will be loaded with applicable GST (CGST & SGST / UTGST or IGST) during evaluation of bid. Where Rajasthan State Gas Limited is entitled for input credit of GST (CGST & SGST / UTGST or IGST), the same will be considered during evaluation as per evaluation methodology of tender document.
16. **Security Deposit/ CPBG:** Successful bidder has to submit Security Deposit as per BDS.
17. **Work Specifications and Standards:**
- 18.1. All the specifications for the work shall be as per 'Scope of Work & Technical Specifications' and 'SOR', which are self-explanatory. However, wherever required, concerned Bureau of Indian Standards shall be referred and the decision of the EIC shall be final and binding on the contractor.
- 18.2. The job shall conform to the PNGRB, Relevant Indian Standards, Codes & Specifications, and Codes of Practice, as modified till date, & CPWD Specifications, Petroleum & Explosives Safety Organization (PESO) Nagpur, Chief Fire Officer (CFO), and any other statutory authorities from time to time at the Site as applicable. Any other Standard not mentioned above, but considered necessary for the satisfactory performance of the job shall also be applicable.
- 18.3. Contractor shall observe in addition to Codes specified in respective specification, Technical Specifications, Drawings (tentative), Job Specifications, all national and local laws, ordinances, rules and regulations and requirements pertaining to the work and shall be responsible for extra costs arising from violations of the same. The contractor shall carry out the work in accordance with the requirement of latest relevant applicable standards, this specification, Latest PNGRB Guidelines, ASME B31.8 - Gas Transmission and Distribution Piping Systems, and the American Gas Association Document - Purging Principles and Practice. and Rajasthan State Gas Limited.'s approved procedures. Should the contractor find any discrepancy, ambiguity or conflict in or between any of the Standards and the contract documents, then this should be promptly referred to the Engineer-in-Charge (EIC) for his decision, which shall be considered binding on the contractor.

18.4. Whenever it is mentioned in the specification that the contractor shall perform and execute the certain work or provide certain facilities, it is understood that the contractor shall do at his own cost and the Contract price shall be deemed to have included cost of such performances and provisions, so mentioned.

18.5. All the Supply Material shall be from the approved vendor's list only. The Approved Vendor List is attached. Any supply material must confirm to the applicable Indian Standards.

19. Contractor's Scope of Supply:

19.1. Contractor shall provide to their staff appropriate tools, tackles, equipment, PPEs, measuring instruments and vehicle for proper execution of the job, as detailed in the Scope of Work - Technical of the tender document. It shall be the contractor's responsibility to provide and maintain all the tools & tackles in good working condition.

19.2. GI Pipes & Fittings and Cu Tubing's & Fittings shall be in the scope of Contractor.

19.3. The contractor shall also remain in touch with the EIC for knowing the requirement of jobs, and will accordingly arrange for deployment of personnel as per the requirement.

20. Contractor should follow all security rules and regulations of Rajasthan State Gas Limited. Contractor shall provide all safety gears for safe working to his personnel such as safety shoes, helmets, gloves etc. at his own cost. Contract personnel without wearing prescribed uniform and safety shoes shall not be allowed to work at site.

21. Unsatisfactory Service: If at any moment Rajasthan State Gas Limited feels that the services provided are not satisfactory Rajasthan State Gas Limited. reserves the right to De-hire the services immediately and in that case the Contractor will not be paid any Compensation and his Security Deposit will be forfeited.

22. Health Safety and Environment (HSE) Management:

22.1. After the award of the contract, detailed Health, Safety and Environment (HSE) program to be followed for execution of contract under various divisions of works will be mutually discussed and agreed between Contractors & Client. The Contractor shall establish document and maintain an effective Health, Safety and Environment (HSE) management system. The Contractor shall adhere to the Health, Safety and Environment (HSE) management system as per Rajasthan State Gas Limited. Specification and General Conditions of Contract.

22.2. It will be the Contractor's responsibility to acquaint his site staff and operatives of all current safety legislation, statutory requirements and Rajasthan State Gas Limited.'s safety standards. In addition, before any work takes place all the Contractor's operatives shall be given training in site safety by the trained person under supervision of Rajasthan State Gas Limited. No work will be allowed to carry out without Proper PPE to the workers.

23. Rules & Regulations: Contractor shall observe in addition to the specified and respective specifications all the local laws, ordinances, rules and regulations and legislations pertaining to the work and shall be responsible for extra costs arising from violations of the same.

24. Permissions: While doing the work, it is the responsibility of the contractor to take the all the necessary permissions.

25. Schedule of Rates (SOR):

25.1. The "SOR" shall be read in conjunction with "SCC-Technical & SCC-Commercial", "GCC", and

any other document forming a part of this Contract. The quantities indicated in the “SOR” for the various items are only approximate/ indicative, and are subject to variations on both ways, as per the stipulation made in “GCC”.

- 25.2. All items of work in the “SOR” shall be carried out as per the specifications, relevant codes, drawings and instructions of the EIC and the quoted rates are deemed to be inclusive of all materials, consumables, labour, supervision, tools & tackles, cost of various tests, inspections as well as preparatory, incidental, intermediate /auxiliary / ancillary or enabling works.
- 25.3. In case of Urgency / Breakdowns of System, EIC can direct the contractor to procure and install spares / other services for bringing the systems to normalcy. In case such spares / services are not covered in the SOR item, payment shall be made at the market rates / Invoice Value from the Equipment Manufacturer + additional 10% as administrative charges.
- 25.4. The bidders are to quote for all the SOR items for entire Quantity and entire scope of work. Failing to this the bid shall be liable for rejection.

26. Damage of Existing System and Personnel:

- 26.1. The Job must be carried with utmost safety and Rajasthan State Gas Limited. equipment should not get disturbed / affected due to execution of jobs by the Contractor. Care should be taken for the existing system. In case of damage to any existing system or equipment resulting out of the execution of the jobs under this contract, contractor would be held responsible and the affected equipment / system must be restored to normalcy by the contractor. GAIL reserves the right to get the job done by other agencies at the risk and cost of the contractor if he fails to take corrective actions for the damaged /affected systems and shall deduct necessary amount from contractor's bills for such rectification jobs.
- 26.2. Contractor is totally responsible for the safety of his personnel and Rajasthan State Gas Limited shall not pay/accountable for any compensation in this regard in the event of any un-safe acts / practices etc.

27. Price Reduction Schedule: Please refer Penalty clause under SCC.

28. Compliance with Labour Laws: Referred elsewhere in this tender.

29. Other Statutory Approvals:

- 29.1. Contractor shall be responsible for obtaining approval/clearances from statutory authorities like Village Panchayat authorities, Mandal Revenue authorities, Municipal Corporation Authorities, Electricity Department, Electrical Inspectorate, Pollution control board and any other concerned authority as required and necessitated by the job.
- 29.2. All associated charges for the approvals and clearances referred above shall be borne by the contractor.
- 29.3. Inspection and acceptance of the work by statutory authorities shall not relieve the contractor from any of his responsibilities under this contract.
- 29.4. Any changes/additions required to be made to meet the requirements of statutory authorities, shall be carried out by the contractor, within the contract price, and at no additional cost to Owner.
- 29.5. Contractor has to disburse wages/salary to every Personnel on or before 07th date of each month through e-banking to saving bank accounts of individual employee through any reputed bank. The Contractor must submit Proof of e-payment of wages along with RA bills. If salary is not disbursed to employees by 7th of every month, Rajasthan State Gas Limited may deduct a sum of Rs. 300/- per day per employee (plus applicable GST @ 18% presently) from the contractor's corresponding month's RA bill/ any subsequent RA bill. Similarly, the contractor has to deposit

PF Contribution (Employee plus Employer's Share) by 15th of successive month; else Rajasthan State Gas Limited may deduct a sum of Rs. 300/- per day per employee (plus applicable GST @ 18% presently) from the contractor's corresponding month's RA bill/ any subsequent bill month's RA bill. Also, the contractor has to deposit ESI subscription by 15th of successive month; else Rajasthan State Gas Limited may deduct a sum of Rs. 200/- per day per employee (plus applicable GST

@ 18% presently) from the contractor's corresponding month's RA bill/ any subsequent month's RA bill.

30. **Abnormally High Rated Items (AHR):** In the rate contract/item rate portion of contract, where the contractors quoted rate for the items exceeds 50% of the estimated rate such rates will be considered as abnormally High Rates (AHR) and payment of AHR items beyond the SOR quantities shall be made as Per GCC.
31. **Site Office:** The contractor shall establish his site office/camp in Kota and furnish all details like address, telephone number etc. to the EIC.



ANNEXURES TO SCC

C O N T E N T S

Annexure-1	:	Scope of Work
Annexure-2	:	Scope of Supply
Annexure-3	:	Time Schedule
Annexure-4	:	Measurement of Work
Annexure-5	:	Terms of Payment
Annexure-6	:	Quality Assurance
Annexure-7	:	Conditions for issue & reconciliation of material

SCOPE OF WORK

**(ANNEXURE-1 TO SPECIAL CONDITIONS OF
CONTRACT)**

1.0 **SCOPE OF WORK**

Scope of work shall be as detailed in Scope of work section, Technical Specifications, Schedule of Rates & various other parts of this Bidding Document.

SCOPE OF SUPPLY

**(ANNEXURE-2 TO SPECIAL CONDITIONS OF
CONTRACT)**

1.0 SCOPE OF SUPPLY

1.1 Owner's Scope of Supply (Free Issue Item shall be in Owners Scope wherever specifically mentioned in Schedule of rates/Scope of work. All other items, shall be in Contractor's Scope of Supply).

In order to speed up the project Free Issue Materials and also the material on replacement basis shall be issued to the Contractor from the designated store(s) of RSGL/and Contractor shall be responsible for lifting the free issue materials from Owner's storage point(s) and transporting the same to work site(s) at his own cost. In case the material is required to be lifted from a location other than Kota, the cost towards transportation shall be payable as extra work.

Conditions for Issue and Reconciliation of Materials shall be as per Document enclosed as **Annexure-7** to Special Conditions of Contract.

1.2 Contractor's Scope of Supply

All materials including fitting, clamps etc. except what is under Owner's scope of supply as mentioned in Clause No. 1.1 above, and required for successful completion of works in all respects shall be supplied by the Contractor and the cost of such supply shall be deemed to have been included in the quoted price without any additional liability on the part of Owner.

TIME SCHEDULE

**(ANNEXURE-3 TO SPECIAL CONDITIONS OF
CONTRACT)**

TIME SCHEDULE

- 3.1 The duration of the contract shall be for a period of one (1) years with effect from the date of FOA (Fax of Acceptance) or Letter of Acceptance whichever is earlier excluding mobilization period of 30 days and **may be extended by one year on the same rates, terms and conditions, at the sole discretion of Rajasthan State Gas Limited (no consent will be necessary from Bidder for extending the Contract), after requisite approvals. Quoted rates shall remain valid for the tenure of the contract and for extended period if any.**
- 3.2. Mobilization period shall be Fifteen (30) days from the date of FOA / LOA. Deployment shall be done as per the intimation from EIC. Delay in the start of monitoring jobs after mobilization period of 30 days shall be considered on contractor's account and a penalty of Rs. 50,000/- per week shall be imposed for such delay.
- 3.3. All expenses towards mobilization at site and de-mobilization of equipment, Work force, material and clearing the site etc. shall be deemed to be included in the price quoted by the contractor and no extra payment on such expenses shall be entertained.
- 3.4. No mobilization advance is payable to contractor for the said work.
- 3.5. The contractor shall make his own arrangement for removal of old as well as unused material from work site to the place indicated by the EIC, after completion of work.

MEASUREMENT OF WORK

(ANNEXURE-4 TO SPECIAL CONDITIONS OF CONTRACT – TECHNICAL)

ANNEXURE-4 TO SCC

MEASUREMENT OF WORK

1.0 GENERAL

- 1.1** The mode of measurement shall be as mentioned in relevant standard specification incorporated in the bidding Document. Any other mode of measurements not covered in above specifications shall be followed in accordance with relevant BIS codes/ Schedule of Rates/ Specifications etc. and/ or as decided by Engineer-in- charge.
- 1.2** Payment will be made on the basis of joint measurements taken by Contractor and certified by EIC. Measurement shall be based on “Approved for Construction” drawings, to be the extent that the work conforms to the drawings and details are adequate. **Checking of measurement shall be 100% by Site Engineer and 25% by Engineer- In-Charge/Work-In-Charge.**
- 1.3** Wherever work is executed based on instructions of Engineer-in-charge or details are not adequate in the drawings, physical measurements shall be taken by Contractor in the presence of Engineer-in-charge.
- 1.4** Measurements of weights shall be in metric tonnes corrected to the nearest Kilogram. Linear measurements shall be in meters corrected to the nearest centimeters.
- 1.5** The weights mentioned in the drawing or shipping list shall be the basis for payment. If mountings for panels etc. are packed separately their erection weights shall include all mountings.
- 1.6** Welds, bolts, nuts, washers etc. shall not be measured. Rates for structural steel work shall be deemed to include the same.
- 1.7** No other payment either for temporary works connected with this Contractor for any other item such as weld, shims, packing plates etc. shall be made. Such items shall be deemed to have been included for in the rates quoted.
- 1.8** Measurement will be made for various items under schedule of rates on the following basis as indicated in the unit column.

- | | | | |
|------|--------|---|-----------|
| i) | Weight | : | MT or Kg |
| ii) | Length | : | M (Meter) |
| iii) | Number | : | No. |
| iv) | Volume | : | Cu.M |
| v) | Area | : | Sq.M |

TERMS OF PAYMENT

(ANNEXURE-5 TO SPECIAL CONDITIONS OF CONTRACT)

1.0 TERMS OF PAYMENT

Contractor shall submit his invoices to the Engineer-In-Charge monthly in the manner as instructed by Owner. Each invoice will be supported by documentation acceptable to Engineer-In-Charge and certified by the Engineer-In-Charge. Payments made by owner to the contractor for any part of the work shall not deem that the Owner has accepted the work.

The following documents should be submitted along with the bills to RSGL through Engineer-in-charge (EIC) for the release of payment by Finance Department of RSGL. The payment will be made through e-banking system.

- a. Monthly bill duly certified by the contractor or his authorized representative
- b. Copy of e-banking wage sheet/bank statement duly stamped by designated bank and duly certified by the contractor or his authorized representative.
- c. Copy of Electronic Challan cum Return (ECR) and bank remittance slip for the proof of deposit of Provident Fund contribution with RPFC along with details of employees and Provident Fund A/C No. duly stamped by designated bank.
- d. Tax Invoice with GST number.
- e. The final bill shall be submitted by the Agency/Contractor within a month from the date of completion of the contract. No Claim Certificate, No Dues Certificate, shall be submitted by the contractor along with the Final Bill.

The Contractor shall strictly comply with the provisions of Employees Provident Fund Act and register themselves with RPFC before commencing work. The Contractor shall deposit Employees and Employers contributions to the RPFC every month. The Contractor shall furnish along with each running bill, the challan/receipt for the payment made to the RPFC for the preceding months.

2. PAYMENT METHODOLOGY

- I. The Contractor shall raise invoices on monthly basis. Bidder shall enclose all documents as per checklist issued by RSGL/TPIA including during Kickoff meeting
- II. The payment of the contractor will be released within 15 days from the date of receipt of bill duly certified by TPIA/Site Engineer and EIC.
- III. RSGL will release payment through e-payments only as detailed in bidding document.
- IV. All payments against running bills are advance against the work and shall not be taken as Final acceptance of work / measurement carried out till the final bill.
- V. Further break-up of Lumpsum Prices, if deemed necessary for any progressive payment of individual item may be mutually arrived at between Engineer-in-Charge and the Contractor.
- VI. Successful bidder(s) to submit material reconciliation certificate along with each bill.
- VII. Bills shall be raised by contractor in line with check list attached in Tender document.
- VIII. *As per CBDT Notification No. 95/2015 dated 30.12.2015, mentioning of PAN no. is mandatory for procurement of goods / services/works/consultancy services exceeding Rs. 2 Lacs per transaction.*



Accordingly, supplier/ contractor/ service provider/ consultant should mention their PAN no. in their invoice/ bill for any transaction exceeding Rs. 2 lakh. As provided in the notification, in case supplier/ contractor/ service provider/ consultant do not have PAN no., they have to submit declaration in Form 60 along with invoice/ bill for each transaction.

Payment of supplier/ contractor / service provider/ consultant shall be processed only after fulfillment of above requirement.

IX. RSGL PAN Card No. is AAGCR7499P

QUALITY ASSURANCE
(ANNEXURE-6 TO SPECIAL CONDITIONS OF
CONTRACT)

(Attached Separately- Technical Vol.-II of II- of tender document)

CONDITIONS FOR ISSUE AND RECONCILIATION OF MATERIAL

(ANNEXURE-7 TO SPECIAL CONDITIONS OF CONTRACT)

ANNEXURE-7 TO SCC

1.0 CONDITIONS FOR ISSUE OF MATERIALS

Whenever any material is issued by Owner, following conditions for issue of material in addition to other conditions specified in the contract shall be applicable.

1.1 Necessary indents will have to be raised by the Contractor as per procedure laid down by the Engineer-in-charge from time to time, when he requires the above material for incorporation in permanent works.

1.2 Materials will be issued only for permanent works and not for temporary works, enabling works etc. unless specifically approved by the Engineer-in-charge and the same shall not be taken into account for the purpose of materials reconciliation.

1.3 The contractor shall bear all other cost including lifting, carting from issue points to work site/ contractor's store, custody and handling etc. and return of surplus/ serviceable scrap materials to Owner's storage points to be designated by the Engineer-in-charge etc. No separate payment for such expenditure will be made.

1.4 No material shall be allowed to be taken outside the plant without a gate pass.

1.5 The contractor shall be responsible for proper storage, preservation and watch & ward of the materials.

1.6 Reconciliation of Owner supplied materials

1.6.1 Every month, the contractor shall submit an account for all materials issued by Owner in the Performa prescribed by the Engineer-in-charge. On completion of the work the contractor shall submit "Material Appropriation Statement" for all materials issued by the Owner in the Performa prescribed by the Engineer-in-charge.

Waste materials like part lengths of pipes and other partly used items are the property of RSGL and must be returned to the store with the appropriate documentation so that they can be considered as part of the material reconciliation.

The PE pipe less than 0.5 Mtr. Shall be declared as scrap.

For PE pipes allowable scrap shall be upto 2% of total free issue materials.

The percentage allowance shall be accounted on the basis of final measurement book.

1.6.2 All unused, scrap materials and salvageable materials shall be the property of the Owner and shall be returned by the Contractor category-wise at his cost to

the Owner's designated store yard(s). In case the Contractor fails to do so/ or exceeds the limits of allowances specified above for scrap/ serviceable materials, then recovery for such quantities not returned as well as returned in excess of permitted limit by the Contractor will be done at the penal rate i.e. 125% of landed cost at the time of final bill/ closing of contract by Engineer-in- charge shall be effected from the Contractor's bill(s) or from any other dues of the Contractor to the Owner. Contractor shall be responsible for the adjustment/ weighment/ measurement of the surplus materials to be returned to the store. Contractor shall also be responsible for suitable segregation of returned materials into separate stacks of serviceable and scrap materials.



SECTION – IV

SCOPE OF WORK/SERVICES

INTRODUCTION

Rajasthan State Gas Limited (RSGL) (hereinafter referred to as the Owner) is supplying piped natural gas (PNG) to domestic, commercial, and industrial consumers, and compressed natural gas (CNG) to automobiles in Kota GA through its CGD and CNG networks. RSGL intends to hire an Operation and Maintenance (O&M) contractor for the O&M work of the steel and PE pipeline network, PNG connections, MRS, and DRS in Kota GA. The O&M setup under this tender includes operation of the control room, area emergency offices (AEOs) along with emergency response vehicle (ERV), customer care services, and line patrolling services. The entire CGD network operations will be monitored and reviewed from the control room. RSGL officer will serve as O&M in-charge for monitoring the entire CGD network in the GA and shall be Engineer Incharge for this Contract.

The Scope of Work for the Agency/Contractor shall include but not limited to the items mentioned below. The Agency/Contractor shall ensure proper upkeep and operational readiness of the CGD installations in normal working state at all times. Also, the contractor must provide basic arrangements on agreeable terms that may be required in situations of emergencies.

SCOPE OF WORK

SECTION 1- SERVICES –

The scope includes all activities related to purchasing (specified items only), repair, laying, testing, and re-commissioning of MDPE main pipelines, steel pipelines, SV stations, and service pipelines in existing gas-charged areas with sizes ranging from 20mm to 180mm OD. This includes PE/GI transition fittings above ground level, along with testing, shifting, removals, and modifications if needed, as well as painting GI and copper pipes and installing meters for both domestic and commercial segments upon customer request. Calibration of field instruments and debtor management are also included. Meter reading collection (Commercial/Industrial) will also be part of the work/job. The scope further covers attending customer service requests, which involve repair and maintenance (modification/dismantling/removal), testing, painting, and commissioning of above-ground GI and copper pipes and fittings, as well as the replacement of valves, regulators, and meters for Industrial/commercial/domestic customers. In some cases, piping may need to extend up to the appliance valve, depending on customer requirements. Except for free issue items like domestic and industrials, commercial meters, regulators, isolation and appliance valves, PE pipes, the contractor must procure and supply all other materials, including PE/GI fittings, GI pipes, copper pipes, copper/brass fittings, SS 316 Anaconda, reinforced rubber hoses, and consumables required from the outlet of the PE/GI transition fitting to the appliance/stove/oven valve of the domestic or commercial customers.

CODES & STANDARDS

Contractor shall carry out operation and maintenance of the CGD network based on the following codes and standards, including but not limited to: Petroleum and Natural Gas Regulatory Board (PNGRB)

G.S.R. 612(E)	Technical Standards and Specifications including Safety Standards for City or Local Natural Gas Distribution Networks
G.S.R. 39(E)	Codes of Practices for Emergency Response and Disaster Management Plan (ERDMP)) Regulations
0703	Guideline for Commissioning and Gas Charging in Steel Pipelines for City or Local Natural Gas Distribution Networks

The American Society of Mechanical Engineers

ASME B31.8	Gas Transmission and Distribution Piping Systems
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Oil Industry Safety Directorate

OISD STD 141	SOP for Integrity Assessment of Petroleum & Natural Gas Pipeline
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Bureau of Indian Standards

BIS 14885	Polyethylene Pipes for the Supply of Gaseous Fuels
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Laws, Codes, Rules & Standards as mandatory under the legislation of relevant state and India
The “Rules of good Practice” commonly used by the worldwide gas industry.
The “Rules of Art” and “Sound Practices” of the engineering.

Contractor’s Scope of Work for Subject Services Shall include but shall not be limited to the following.

- (i) The Work Described herein shall be carried out for the Operation and Maintenance as per applicable Standard Operating Procedure [SOP] & Relevant Technical Specifications, and the Tender Conditions.
- (ii) RSGL may, on its own discretion to add or delete the activities in the scope of work for the sake of better operational efficiency and results.
- (iii) Broadly the Contractor’s scope of work shall include but not limited to, Operation & Maintenance of City Gas Distribution (CGD) Network from downstream of City Gate Station (CGS) to the consumer end, which includes all steel and PE Pipelines and associated facilities, by keeping it in the healthy condition, to provide uninterrupted gas supply to Domestic, Commercial and Industrial customers, CNG Stations etc.
- (iv) All operation & maintenance activities are needed to be performed as per O&M plan of RSGL.
- (v) Leakage survey along the pipeline route & Industrial/ Commercial customer’s end & piping/ tubing at CNG Station, once in every quarter.
- (vi) For Domestic consumer Leakage Survey & its rectification shall be done once in a year or as decided by RSGL. Responding to all emergency situations & Taking Corrective Action, like third party damage to Steel & PE network & its rectification, RSGL assets, customer complaints, equipment breakdown etc., Meter & Flow Readings of Industrial and Commercial customers on daily basis and, Onsite maintenance of Steel/ PE pipelines, Valves etc., GI/ Copper Installations, DRS, industrial skids & installations, Meters, Regulators, etc. as per schedule plan and instruction of EIC or his representative.

- (vii) Mobilization of all resources round the clock during entire contract period to handle any type of emergency and first response at incident site within 30 mins. of reporting of Incident. Contractor to deploy adequate skilled manpower for MDPE/ GI and Steel Pipeline as per the SOR.
- (viii) All required resources as per tender scope with fully equipped Emergency Response Vehicle (ERV) to be deployed at Area Emergency Office's (AEO's) within working area from where first response at incident site can be done within 30 minutes. ERV start and termination point will be AEO office or as decided by EIC.
- (ix) Emergency handling in PNG distribution network (Steel & PE-PNG) and rectifying leakages in Steel, PE, Domestic, Commercial and Industrial installations.
- (x) Monitoring PSP of Cathodic protection system as per schedule.
- (xi) Removal of obstacles, grass, and other potentially hazardous materials, in and around of equipment and inside enclosures of all DRS, industrial skids, valve chambers, TLPs, CGS etc. as per RSGL directive.
- (xii) Compliance of statutory and safety requirements. Health, safety and environment including compliance of regulatory measures shall be a part of the responsibility of the CONTRACTOR
- (xiii) Inventory management, procurement and supply of spares, consumables, tools & Tackles. Contractor shall identify, procure and hold the needs for all equipment, tools & tackles for O&M of Network and assets. Contractor will review the list of spares provided by owner and shall reconcile all spares/ consumables/ equipment/ tools & tackles after completion of work or as directed by owner.
- (xiv) Periodic cleaning of all systems and its sub-systems, Leak Detection & its rectification of all domestic, Industrial & Commercial connections & RSGL assets such as Steel Pipeline, PE Pipeline, DRS, MRS, SR, Valve Chamber etc..
- (xv) Providing services related to O&M of domestic connection including activities like attending Gas Leakage complaint, Low pressure complaint, Flame problem, conversion of LPG to PNG burner, GI modification using existing material, Dismantling GI pipes, Reinstallation of GI pipe, Replacement of meter/ regulator/ anaconda/ Flexible rubber Hose, Brass Valves, Adaptors, clamps for GI & Cu pipes, Temporary disconnection, Permanent disconnection, etc
- (xvi) Alteration/ Modification/ shifting/ dismantling of GI Pipe, Copper Pipe, Domestic Meter, Regulator etc. for existing PNG service connection as and when required.
- (xvii) Cleaning of filter element, Checking, monitoring, maintenance and setting of PRV (Active/ Monitor), SSV, SRV, PCV, Meters etc. in DRS, MRS & industrial Skids etc as per PM Schedule/ Plan/ IMS Documents as per instruction of EIC.

EMERGENCY & SECURITY MANAGEMENT

- (i) Service for Emergency Control room management for receiving customer complaints on RSGL emergency number, Toll Free Number, walk-in complaint, maintaining customer complaint records (logbook), supply, maintenance and operation of ERV.
- (ii) Support services during any other maintenance / shutdown activities taken up by other OEM/ Agency in area, as and when required.
- (iii) Civil works needed to do for meeting the jobs specified in the tender document.
- (iv) Maintenance of Domestic/ Commercial connection and vertical/ horizontal riser.
- (v) Replacement of SR/ Valve Chamber/ Meter/ regulators etc.
- (vi) All the maintenance activities covered under this contract shall be carried out at site. The contractor shall be responsible for providing GPS Enabled transportation/ conveyance facilities for all his personnel for attending duty (i.e. all deployed personnel must have

GPS Enabled scooter/ bike to independently move across site to provide services of Operation and maintenance, Patrolling for Routine Line Walk and Break down maintenance works for PE and Steel Network at site as per the scope of work. (All GPS Systems shall be configured with control room monitor)

- (vii) Contractor shall co-ordinate and assists for the services related to the operations, e.g., electricity, telephone, water supply, testing & calibration, statutory issues etc. from time to time.
- (viii) The contractor shall take all the necessary pre-cautions to prevent fire hazards during the execution of the work.
- (ix) Repair & maintenance of GPS device will on contractor's scope. Contractor should ensure healthy operation of GPS devices on 24 X 7 basis. Failing the same, a penalty shall be imposed as per the penalty clause at the SCC.
- (x) The Scope of Work as mentioned in tender is indicative only and therefore, includes all other works related to Operation & Maintenance of City Gas Distribution (CGD) Network from downstream of City Gate Station (CGS) to the consumer end, which includes PNG Connections, steel and PE Pipelines and associated facilities, by keeping it in the healthy condition, to provide uninterrupted gas supply to Domestic, Commercial and Industrial customers etc. in coordination with RSGL representative / O&M In-charge / Engineer In-Charge. The successful bidder is expected to provide services in a professional manner.
- (xi) Mobile Phone Specifications

SECTION 2 - MANPOWER –

The scope of the Contractor includes deploying Manpower for operation & maintenance, repair and monitoring of the CGD network (MDPE & Steel line pipe network) and associated equipment as per the scope of work.

Wherever the purchase of material/equipment / tools/accessories is involved, approval from EIC is mandatory regarding the approved make (if not covered in the tender document for the respective material/item).

Safe Operation: The key essence of safe CGD Operations is to protect against any third-Party damages and maintain the network in safe manner. It is possible by Timely Gathering Information about any Third-Party Activity_in the vicinity of Gas Pipeline and making them familiar with the Gas Pipeline Network. The Contractor must equip them with all the possible ways/tools/methods in gathering such information and act on the same immediately to avoid any exigency. One of the Prime responsibilities of the Contract is to have robust Patrolling and developing effective liaisoning with various stakeholders in collecting information about Third Party Activities in the vicinity of Gas Pipeline. Frequent Failure in collecting such information and consequent damage to PNG Network has potential to damage image of the RSGL, which needs to be taken care seriously.

The contract for Operations & Maintenance of CGD Network in Geographical area of Kota shall be Annual Rate Contract (ARC) for a period of 2 years which can be extended to 1 more year on mutual consent at same rates, terms & conditions.

To attend the MDPE pipeline damages by repairing in the minimum possible time. The contractor has to mobilize the site immediately and restoration / repair should start within 30 minutes from the receipt of information regarding the emergency. The contractor should deploy suitable manpower (civil & fitter etc.) capable of attending the job professionally. Delay in mobilization and start of repair jobs shall attract penalty. The manpower deployed for Operations team shall not be disturbed for attending the emergency works.

1. The MDPE pipes of all sizes, Meters & Service regulators shall be free issue Material to the contractor and the contractor shall maintain records of these materials and reconcile Quarterly. All the above materials shall be issued at RSGL store and transport to O&M office or site shall be the responsibility of the contractor. All material such as Fittings, valves, saddles fusion machine, generator etc. required for repair and maintenance of MDPE network shall be in contractor's Scope. A minimum inventory for consumable needs to be maintained during contract. However, the unused quantities of MDPE fittings shall be taken by RSGL at invoice price at the time of closure of contract. All material shall be procured from the approved make by RSGL. List of approved makes is attached in tender. (Minimum inventory required List)
2. The supervisor deployed at O&M office shall monitor the contract & correspond with RSGL. He should be available round the clock with mobile phone and data connection. At no point in time the communication with the supervisor should break. He shall be responsible for coordinating all the jobs under this contract and for mobilizing the man and machinery at site as per the requirement. During attending an emergency, he shall be continuously monitoring the restoration jobs and correspond with RSGL officer/s. He should also monitor the O&M office day to day operations and data management operations. The supervisor and his team should be well provided with smart phones so that proper information can be shared among RSGL and site. The supervisor shall also coordinate Pipeline patrolling & collection of Gas Meter reading, compiling and record keeping of the same on a daily basis.
3. Any exigencies and consequents due to delay in attending the gas leaks and closing the isolation valves shall be borne by the Contractor and any legal issues / Compensations due to negligence of the contractor team shall be borne by the Contractor without any liability to RSGL. It is the responsibility of the contractor to maintain better Liaison with local authority, public & police to deal with any such exigencies.
4. The wages for all the employees deployed by the Contractor shall be paid as per the relevant Labour laws & minimum wages applicable as per the circulars of State Govt . during the tenure of the contract. Any revision in minimum wages for next two year shall be taken into account while quoting. no extra payment on account of above shall be payable during the entire contract period and extendable period of one.
5. All quoted charges except service charge and GST must be passed on to/paid to Manpower Deployed for Services/Services offered/Services Given and proof to be submitted along with Monthly Bills
6. Various maintenance activities shall be communicated to the supervisor from time to time by RSGL and these shall be completed in stipulated time as per the specifications and standards provided by RSGL.
7. Other jobs/activities in the Scope of the Contractor

The work force deployed by the contractor shall follow safe/standard operating procedure (SOP) along with the instructions/recommendations given by RSGL from time to time and strictly followed to ensure safety.

Proper PPE like safety helmet, hand gloves, safety goggles etc. shall be used during operation as well as during any maintenance activity.

All personnel of the contractor deployed for O&M office including supervisor shall be given 02 set of safety shoes, 04 sets of uniform (cotton), 04 pair of socks and 02 no of Helmet in a year and 1 rain coat during rainy to all At any point of time NO O&M MANPOWER SHALL ENTER IN PREMISE OF CUSTOMER WITHOUT WEARING APPROVED UNIFORM. No deviation in this regard shall be accepted by RSGL. An identity card shall also be issued to all personnel working for RSGL in O&M office. In case of non-compliance, a sum of Rs 100 per shift per employee may be deducted from the RA Bills.

The manpower expelled from any contractor worked or working with RSGL OR ANY OTHER CGD Company should not be recruited by any contractor. An undertaking of this shall be given by the contractor. The police verification by local police needs to be submitted by CONTRACTOR to RSGL for all the persons deployed under contract.

In case the Contractor fails to submit and/or pay full detail of Manpower employed and the contributions payable, the Company shall recover from the monthly Bills of the Contractor the amount of the shortfall in contribution assessed by the concerned authorities. The amount so recovered shall be paid to the concerned authorities against the actual contribution payable for Employees State Insurance, Employees Provident Fund, etc.

SCOPE OF WORK & SCHEDULE OF RATES DESCRIPTION

Note: At any point of time, payment for any job shall be done by single SOR item only for a specific job covered under the scope of that SOR and payment for other SOR items can't be claimed separately for completion of the Job. For example, for laying of pipeline in Open Cut, if JCB/Rock breakers are used for excavation, the item for laying of Pipeline through open cut shall include all such costs and no separate payment for hiring of JCB/Rock Breaker shall be made for completion of the Job. Wherever, the scope of work under any SOR includes excavation, the rate for such item shall include all the expenditures for completion of Excavation job and no additional payment shall be made.

1. Hiring of Earth Moving Equipment (JCB) :

This item of SOR shall be operated only when JCB is to be deployed as per the instructions of RSGL Representative for executing specific Job. Whenever any other job listed in the other SOR items wherever, requirement of JCB is required for excavation, the rates for those specific SOR items shall include the cost towards deployment of JCB and no extra payment shall be made.

- Providing Earth Moving Equipment (JCB) with fuel, driver/operator, transportation with all tools, tackles and consumables required for excavation in all types of soil during MDPE/steel pipeline repair / restoration works, other maintenance jobs etc. Payment for the deployment of Earth Moving Equipment (JCB) shall be made on an hourly basis.
- Operating time of Earth Moving Equipment (JCB) should be considered from the time of deployment at site.
- Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of third-party claims for damages by Earth Moving Equipment (JCB).

2. Hiring of Hydra / Crane:

This item of SOR shall be operated only when Hydra / Crane is to be deployed as per the instructions of RSGL Representative for executing specific Job. Whenever any other job listed in the other SOR items wherever, requirement of Hydra / Crane is required, the rates for those specific SOR items shall include the

cost towards deployment of Hydra / Crane and no extra payment shall be made.

- Providing Hydra / Crane with fuel, driver/operator, transportation with all tools, tackles and consumables required for excavation in all types of soil during MDPE/steel pipeline repair / restoration works, any other maintenance jobs etc. Payment for deployment of Hydra / Crane shall be made on hourly basis.
- Operating time of Hydra / Crane shall be considered from the time of deployment at site.
- Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of third-party claims for damages by Hydra / Crane.

3. Hiring of Tractor Mounted RCC / Rock Breaker:

This item of SOR shall be operated only when RCC/Rock Breaker is to be deployed as per the instructions of RSGL Representative for executing specific Job. Whenever any other job listed in the other SOR items wherever, requirement of RCC/Rock Breaker is required for that job execution, the rates for those specific SOR items shall include the cost towards deployment of RCC/Rock Breaker and no extra payment shall be made.

- Providing Tractor Mounted RCC / Rock Breaker with Air Compressor / Pump fuel, driver/operator, transportation with all tools, tackles and consumables required for excavation in all types of soil during MDPE/steel pipeline repair works, other maintenance jobs etc. within stipulated time frame. Payment for deployment of Tractor Mounted RCC / Rock Breaker shall be made on hourly basis.
- Operating time of Tractor Mounted RCC / Rock Breaker shall be considered from the time of deployment at site.

Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of third-party claims for damages by RCC / Rock Breaker.

4. Hiring of Tractor Mounted Air Compressor:

This item of SOR shall be operated only when Air Compressor is to be deployed as per the instructions of RSGL Representative for executing specific Job. Whenever any other job listed in the other SOR items wherever, requirement of Air Compressor is required for that job execution, the rates for those specific SOR items shall include the cost towards deployment of Air Compressor and no extra payment shall be made.

- Providing Tractor Mounted Air Compressor with fuel, driver/operator, transportation with all tools, tackles and consumables required for flushing and de choking of MDPE pipelines and any other maintenance jobs etc. Payment for deployment of Tractor Mounted Air Compressor shall be done on hourly basis.
- Operating time of Tractor Mounted Air Compressor shall be considered from the time of deployment at site.
- GI Pipe, Isolation Valves, Pressure gauge and other material required for connecting Air Compressor outlet to transition Fitting of MDPE Pipeline shall be in the scope of the contractor. No additional payment shall be made for the same.

5. Hiring of Generator Set:

- Providing Tractor Mounted Generator Set (Diesel / Petrol) of 415V, 50 Hz, up to 30 KVA rating with acoustic enclosure along with driver/operator, transportation with all tools, tackles, fuel and consumables required for attending MDPE/steel pipeline damage repairing, other maintenance jobs etc. Payment for deployment of Tractor Mounted Generator Set shall be made on an hourly basis.
- Operating time of Generator Set shall be considered from the time of deployment at site.

6. Repairing MDPE pipeline damages in Gasified / Non-Gasified area (without excavation, backfilling & restoration):

This item of SOR shall be operated whenever MDPE pipeline of all sizes is damaged by Third Party while laying their utility and all the support for restoration viz. making arrangement for JCB, Excavation for major portion, backfilling etc. are extended by the Third Party at site. Quoted rates shall include the cost for all material, manpower, equipment's, machineries and consumables for completion of the Job.

- Operation and Maintenance team with required manpower shall reach the pipeline damage location within defined Turn Around Time (TAT) period of 30 minutes (or) at the earliest after receiving leakage complaint.
- Scope includes providing required manpower, machinery and fittings etc. complete.
- Transportation includes loading, unloading, handling of MDPE Pipes, Fittings, Diesel Generator, De-Watering Pump, Electro-Fusion Machine, MDPE Squeezers (both manual and hydraulic) etc. Tools and Tackles and other equipment as mentioned in elsewhere in the tender is in the scope of the contractor and are readily available for attending emergency leakages from existing MDPE charged network.
- Execution for working space and alignment for fusion joint etc. including, dewatering (if required), Jointing, testing the network after repair, purging (wherever required), commissioning and backfilling, compaction, submission of testing and commissioning report is in the scope of the contractor.
- Quoted rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of Third-party claims if required.
- Penalty: If the gas supply has not been restored within 2 hr., penalty of Rs 10,000/ hr. delay.

7. Repairing MDPE pipeline damages (with excavation, backfilling & restoration):

This SOR item shall be operated whenever MDPE pipeline is damaged by Third Party while laying their utility and the excavation of trench, Backfilling & Restoration shall be done by RSGL. The quoted rates shall include manpower, equipment, fittings and all other Consumables required for completion of the Job.

- Operation and Maintenance team with required manpower shall reach the pipeline damage location within defined Turnaround Time (TAT) period of 30 minutes (or) at

the earliest after receiving leakage complaint.

- Scope includes providing required manpower, machinery and fittings etc. complete.
- Transportation includes loading, unloading, handling of MDPE Pipes, Fittings, Diesel Generator, De-Watering Pump, Electro-Fusion Machine, MDPE Squeezers (both manual and hydraulic) etc. Tools and Tackles and other equipment as mentioned in Annexure -1 is in the scope of the contractor and are readily available for attending emergency leakages from existing MDPE charged network.
- Execution of the work including excavation of the pits, dewatering (if required), Jointing, testing the network after repair, purging (wherever required), commissioning and backfilling, compaction, submission of testing and commissioning report is in the scope of the contractor.
- Quoted rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of Third-party claims if required.
- Penalty: If the gas supply has not been restored within 4 hr, penalty of Rs 10,000/hr. delay shall be applicable.

8. Laying of MDPE Pipelines in all types of soil. - Open Cut /Moling Method:

- Contractor shall carry out receiving, handling, loading, transportation and unloading of RSGL supplied MDPE pipes which is free issue materials from RSGL designated store to Site/ Contractor's Own yards/ Work Sites.
- Contractor shall carry out proper storing, stacking, identification, providing security and insurance cover for free issue materials.
- Contractor shall carryout liaisoning with landowning agencies / statutory authorities, preparation of detailed route plan, making trial pits (excavated to depth of 1.5 m or more as per instructions from Engineer In-Charge) to determine the underground utilities/ services etc., obtaining permission from Land owning agencies, restoration of the abandoned excavation / trial pits to original condition, barricading the work area as per the procedures & drawings. and as per the directions of Engineer In- Charge/ Site In-Charge. The work under this SOR item shall include joining the new Pipeline laid with the Existing Pipeline System.
- Open Cut Method: Contractor shall carry out excavation of the trench to the required depth (normally 1.5 m depth required from top of the pipe) as per instructions from Engineer In-Charge, uncoiling / stringing of pipes, lowering the MDPE pipe line in trench damping, jointing of the pipe ends/ fittings/ valves using approved electro fusion techniques as per specification by qualified personnel, padding around pipeline with suitable soil, supply and placement of PE warning mat over the pipeline along the complete route, flushing, testing, purging, commissioning, backfilling with available excavated material, compaction by putting water at subsequent layers of 150 mm, placement of all tiles/ slabs/ curb stones etc. removed during excavation.
- Moling Method: Contractor shall carryout Survey of the existing underground utilities, submission of Moling profile for approval as per attached technical specifications, excavation of entry and exit pits of required length, width and depth for launching of impact Moling tool with launch cradle and receiving of impact Moling tool, uncoiling / stringing of pipes, pulling of MDPE pipe line through the bore made by impact Moling, damping, jointing of the pipe ends/ fittings/ valves using approved electro fusion techniques as per specification by qualified personnel, flushing, testing, purging, commissioning, backfilling with available excavated material, compaction of pits by watering

at subsequent layers of 150 mm, placement of all tiles/ slabs/ curb stones etc. removed during excavation.

- Contractor shall carry out restoration of excavated asphalted roads, PCC / RCC pavements, footpaths etc. as the case may be and shall be made motorable wherever pipelines are laid. Payment for restoration shall be made separately as per SOR item.
- The contractor shall submit as built drawings, graphs, reports etc. as defined in bid document and as instructed by Engineer In-Charge / Site In-Charge. Rates are inclusive of liasioning with landowning agencies, statutory authorities, other utility agencies and settlement of third-party claims for damages while laying of MDPE pipeline by Open cut / Moling method.

9. Laying of MDPE Pipelines by trenchless method in all type of soil including Murom, hard rock etc. – By Horizontal Directional Drilling / Boring without Casing:

- Contractor shall carry out receiving, handling, loading, transportation and unloading of RSGL supplied MDPE pipes which are free issue materials from RSGL designated stock yards to Site/ Contractor's Own yards/ Work Sites.
- Contractor shall carry out proper storing, stacking, identification, providing security and insurance cover for free issue materials.
- Contractor shall carryout liasioning with landowning agencies / statutory authorities, preparation of detailed route plan, making trial pits as per instructions Engineer In-Charge to determine the underground utilities/ services etc., obtaining permission from Land owning agencies, restoration of the excavated trial pits to original condition, barricading the work area as per the procedures and drawings and as per the directions of Engineer In-Charge / Site In-Charge.
- Contractor shall carryout Survey of the existing underground utilities, submission of HDD / Boring profile for MDPE pipeline for approval as per attached technical specifications, excavation of entry and exit pits of required length, width and depth for launching and receiving of HDD pilot, uncoiling / stringing of pipes, pulling of MDPE pipe through the bore made by HDD Pilot, damping, jointing of the pipe / fittings/ valves using approved electro fusion techniques as per specification by qualified personnel, padding around pipeline in the pit with suitable soil, supply and placement of PE warning mat over the pipeline in the pit, flushing, testing, purging, commissioning , backfilling with available excavated material, removal of excess soil, compaction with watering at subsequent layers of 150 mm, placement of all tiles/ slabs/ curb stones etc. removed during excavation.
- Contractors shall carryout restoration of excavated asphalted roads, PCC / RCC pavements, footpaths etc. and shall be made motorable wherever pipelines are laid. Payment for restoration shall be made separately as per SOR item.
- The contractor shall submit as built drawings, graphs, reports etc. as defined in bid document and as instructed by Engineer In-Charge / Site In-Charge.
- Rates are inclusive of liasioning with landowning agencies, statutory authorities, other utility agencies and settlement of third-party claims for damages while laying of MDPE pipeline by HDD method.

10. Excavation in all type of soil in trenches / pits & Restoration of the area

- Excavation in all type of soil by Manual or Mechanical means required for pits of all sizes/ trenches for a width of D+500 mm on each side of pipe and exposing the pipeline from top up to 500mm below the bottom of Pipeline including the stacking of excavated earth, lead up to 50m, stacked earth to be leveled and neatly dressed as per instructions of Engineer In-Charge / Site In-Charge.
- Contractor shall carryout liasioning with landowning agencies / statutory authorities, preparation of detailed route plan, making trial pits (excavated to depth of 1.5 m or more as per instructions from Engineer In-Charge) to determine the underground utilities/ services etc., obtaining permission from Land owning agencies, barricading the work area.
- Contractors shall take utmost care while carrying out excavation of soil above the pipeline which is carrying highly inflammable natural gas. Chiseling, Hammering, excavation with earth moving equipment etc. shall not be carried out on the pipeline surface in any case.
- Contractor shall exercise care to see that the fresh soil recovered from trenching operation intended to be used for backfilling over the laid pipe in the trench is not mixed with loose debris or foreign matter.
- The contractor shall be responsible for making all necessary arrangement to remove or pump out water from the trench or from wet area, if required during excavation and repairing jobs that are in progress, without any extra cost/liability to the RSGL.
- Backfilling excavated earth (excluding rock) in trenches in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering as per instructions of Engineer In-Charge / Site In-Charge.

11. Restoration of Road surface

- Contractor shall carryout restoration of excavated asphalted roads, PCC / RCC pavements, footpaths etc. and shall be made motorable wherever excavation is carried out.
- The contractor shall supply approved quality material, testing of materials by third party agencies (if required) as per technical specifications / CPWD / IRC Standards, and submission of the restoration reports. NOC from local authorities (if required) will be as per direction of Engineer In-Charge / Site In-Charge to be obtained by successful bidder. It includes cases where excavation was carried out to repair the damaged section of pipelines where the trench settles despite earlier restoration.
- Restoration shall withstand at least One Year from date of completion, else the restoration shall be done again by the contractor without any additional cost.
- Rates are inclusive of liasioning with landowning agencies, statutory authorities, other utility agencies and settlement of third-party claims for damages while excavation and restoration jobs.

12. INSTALLATION OF SERVICE REGULATOR (SR)

- Location for Installation of service regulator shall be decided by EIC

- The contractor shall ensure that the Service Regulator module is installed and supported on a bed of firmly compacted as per the drawing provided in this document.
- The SR module shall be supplied with pre-tested and ready for installation by RSGL and frame mounted with housing or canopy will be provided by contractors.
- Contractor shall carry out all the necessary excavation/breaking of surface (Tar/RCC) etc. For Installation of Service regulator module as per the foundation drawing /specification attached
- Installation of Service Regulator should be in such a position that Flow direction of Service Regulator and gas flow in pipeline is in the same direction while connecting upstream and downstream of PE network
- Contractor shall ensure that usage of 90-degree EF elbow, Coupler for hook-up of the Service Regulator for 63mm and above size pipeline
- Contractor shall apply Golden yellow color on foundation of Service Regulator
- Contractor shall connect inlet and outlet of service regulator module by appropriate EF fitting with transition fitting of SR module
- Contractor shall carry out functional testing of service regulator and carry out leak test prior to commissioning of service regulator as per instruction of EIC.
- Contractor shall carry out leak test of all the joints of Service Regulator module with soap solution during commissioning as per the instruction of EIC

13. Shifting work of Service Regulator –

- Location for Installation of service regulator shall be decided by EIC.
- The contractor shall ensure that the Service Regulator module is installed and supported on a bed of firmly compacted as per the drawing provided in this document.
- Contractor shall carry out all the necessary excavation/breaking of surface (Tar/RCC) etc.
- For Installation of Service regulator module as per the foundation drawing
- /Specification attached
- Installation of Service Regulator should be in such a position that Flow direction of Service Regulator and gas flow in pipeline is in the same direction while connecting upstream and downstream of PE network
- Contractor shall ensure that usage of 90-degree EF elbow, Coupler for hook-up of the Service Regulator for 63mm and above size pipeline
- The contractor shall apply Golden yellow color on foundation of Service Regulator
- Contractor shall connect inlet and outlet of service regulator module by appropriate EF fitting with transition fitting of SR module
- The contractor shall carry out functional testing of service regulator and carry out leak test prior to commissioning of service regulator as per instruction of EIC
- Contractor shall carry out leak test of all the joints of Service Regulator module with soap solution during commissioning as per the instruction of EIC

14. Fabrication & Erection of New Valve Chamber:

14.1. The size of Valve Chambers (MDPE) would be 1mX1mX1.5m (L*B*D) or of lesser size. The tentative drawing of Valve Chamber is attached to Technical Specification.

- Contractor shall carryout all civil works including supply of manpower, materials, excavation of pit, piping supports including all PCC, RCC and Brick works for valve pits, addition of water proofing agent, pedestals with insert plates as required,

sealing of pipe at pits, providing heavy duty cover etc., finishing, clean up, dewatering (if required) and restoration as per drawings, technical specifications & instruction of Engineer In-Charge.

- Contractor shall also carryout installation of MDPE valve (If required) in valve chamber with required squeezing of charged gas pipeline network, cutting, cleaning, scrapping, electro-fusion jointing, testing and commissioning of gas pipeline network.
- Rates are inclusive of liasioning with landowning agencies, statutory authorities, other utilities and settlement of third-party claims for damages while excavation and restoration jobs.

14.2. Fabrication of Valve Chamber Cover (new) along with precast RCC frame:

- Contractor shall supply heavy duty RCC value chamber cover of existing chambers. The item includes removing existing damaged cover and placing new cover with tools and tackles and manpower etc. complete. The drgs. of the cover shall be provided as per the site requirement.
- Rates are inclusive of liasioning with landowning agencies, statutory authorities, other utilities and settlement of third-party claims for damages while excavation and restoration jobs.

15. Supply, Fabrication and Installation of New Pipeline Markers:

- 15.1. RCC Markers: Fabrication, Casting and Installation of RCC Markers in all type of soil as per drawings. RCC Markers shall be constructed by cement concrete of grade as per the technical specifications and drawings [1:2:4 (1 cement: 2 coarse sands: 4 graded stone aggregate 20 mm nominal size)] and applying a good quality primer coat complete in all respect. Painting and engraved lettering of RCC markers as per specifications and drawings by using synthetic enamel paint of standard make like Asian paints/Berger paints including cost of material. Job shall be carried out as per drawings, technical specifications & instruction of Engineer In- Charge. RCC Pipeline Markers should be painted and lettered with a minimum of three or more coats of specified colour paint. Marker shall be grouted in Cement concrete of 1:2:4 grade with pit size 30x30x45CM.
- 15.2. Plate Marker: Providing and fixing Plate marker of approved size and design to the houses/apartment etc. where PNG is being supplied.
- 15.3. Steel Pole Markers: Fabrication and Installation of Steel Pole Markers as per drawings. Structural steel work welded in built up sections, trusses & framed work including cutting, hoisting, fixing in position and applying a priming coat of good quality steel primer complete in all respect. Painting and lettering of warning markers as per drawings in Konkani/Hindi and English both by using synthetic enamel paint of standard make like Asian paints etc including cost of material. Job shall be carried out as per drawings, technical specifications & instruction of Engineer In-Charge. Steel Pole Markers should be painted and lettered with a minimum of three or more coats of specified color paint. The grouting of Marker shall be with 1:2:4 grade Cement concrete having pit size 45x45x60CM including excavation and removal of excess soil in all types of soil/surface.

Rates are inclusive of transportation, loading and unloading of pipeline markers, liasioning with

landowning agencies, statutory authorities, other utility agencies and settlement of third-party claims for damages while excavation and restoration jobs.

16. Repair & Reinstallation of Pipeline Markers:

- Re-installation of Uprooted Markers-RCC, Pole, all types of Markers: Reinstallation of Route Markers / Pole Markers/plate marker as per the attached drawings, along the route / along boundary wall, lamp posts including all associated civil works such as excavation and construction in all types of soils, construction of pedestals and grouting with concrete, cleaning, restoration of area to original condition and performing all works as per drawings, specification and instruction of Engineer-in-Charge. Contractor will provide a list of installation or reinstallation of markers to control room in charge and get their approval before start of work. The rate also includes liaisoning with statutory bodies etc.

17. Painting & Stenciling of Pipeline Markers / DRS / MRS:

- Cleaning, supply and application of approved color and quality of primer and paint, stenciling as per instruction of Engineer-in-Charge. The rate also includes liaisoning with statutory bodies etc. The scope is for all types of markers up to 10 Digits/ Characters on individual markers. Contractor will provide a list of stenciling of markers to control room in charge and get their approval before start of work. In case of exceeding 10 digits/ characters on individual markers, payment shall be done on multiples of this SOR. Stenciling on marker including cleaning of marker surface, painting background with yellow paint, RSGL Logo, 03 telephone numbers each having 10 digits, matter writing in Hindi / English as per drawing, through use of stencil etc. The font size shall be tentatively of 2 to 2.5 inches for each digit. The size and font however may vary with time. The rate shall be per marker. All tools and tackles are in the contractor's scope.

18. Earthing Maintenance work

- The scope includes activities for maintenance of earth pits installed at various locations in Kota GA such as supply & installation of chamber cover plate, Earthing compound bag, Earthing copper bonded wire, Supply & Installation of GI Streep, Repair of Chamber of existing Earth Pit etc.

19. Supply & Installation, Testing & Commissioning of GI pipes:

- The scope in SOR is to extend the GI service network of sizes ½” to 1” diameter from the Isolation valve on the existing riser / lateral to individual house till the Meter Installation including the Service Regulator. This job shall be executed as and when the customer is ready to take PNG supply for his house. However, the network including Riser & Lateral would be existing for most of the apartments.
- The scope of the contractor shall include supply, installation, Testing, Commissioning, Painting & restoration of the GI network. The supply of coated C- class GI pipes of approved make, bends, couplers, clamps & all other fittings shall be in the scope of contractor. The contractor shall be required to provide all equipment, fittings, tools and materials necessary to execute the work in an efficient and effective manner

Among other things the contractor's scope shall be to provide ladders, scaffolding pipe, dies, tripods, vices, fittings and Teflon tape, drills for concrete and other masonry, drills for timber and laminated

surfaces inside customer's property, bending tools, clamps, sleeves to facilitate the pipe passing through floors and walls, paint for pipe marking etc. The threading of GI pipe shall be NPT and conforming to ASME / ANSI B1. 20.1.

Contractor has to supply different types / sizes of approved clamps (Mild Steel) for fixing GI pipes suiting to the site conditions and the same shall be painted before fixing, as per the painting specifications. Every fresh lot of the clamps, brackets, regulators boxes and other consumables shall be approved by the EIC prior to start of installation.

All lateral pipe shall be clamped to the building at intervals not exceeding two meters.

Maximum distance between clamps shall be 1.0-1.5m when pipe goes to the straight, if any tee or fittings lies in between the pipe then clamp shall be placed 150 mm far away from center line of fittings at every sides. However, the same may be changed as per site conditions/as directed by EIC.

Minimum gap between pipe and wall shall be 25 mm. The joints / fittings of the GI installations shall be painted only after carrying out testing of the installation. Where pipe passes through a balcony floor, the floor surface shall be made slightly elevated around the service pipe or its surrounding sleeve to prevent the accumulation of water at that point.

Where a short piece of sleeve is used around the gas pipe, the sleeve should be embedded in the concrete with a mix of mortar and the void between the pipe and sleeve filled with a suitable sealant. The sealant should be beveled such as to prevent an accumulation of water.

The supply of clamps for all sizes of the GI pipes are in contractor's scope. Contractor has to take prior approval for design of clamps, paintings etc. Pipe shall preferably enter a building above-ground and remain in a ventilated location. The location for entry shall be such that it can be routed to the usage points by the shortest practicable route. The contractor shall ensure that gas supply shall not be provided to the customer in any concealed piping. The GI Network shall be tested as per the testing procedure. Payment for this item shall be made on Installation, testing, Purging & commissioning of the entire network successfully.

- The measurement for this SOR shall be Running Meter.

20. ONLINE TAPPING FROM RISER / HORIZONTAL COMMON HEADER GI PIPELINE

The following Guideline shall be followed during online tapping from commissioned GI Riser or Horizontal Common header.

- Hot Work permits shall be issued by RSGL, O&M.
- It shall be ensured that all required tools and tackles and consumables are available at site.
- It shall be intimated to all affected customers prior to isolation of Riser supply and isolate their main isolation valve.
- It shall be ensured to Closed / complete isolation of main control valve and proper tagging shall be done for closing.
- Keep one person near Main isolation valve to ensure no one will operate the valve during online tapping work.
- Proper PPE shall be used for on-line tapping. Petzl to be used for high rise buildings.
- The end plug from where taping shall be done to be removed slowly until complete venting of Natural Gas from Riser pipeline.
- After complete venting of Natural Gas from Riser pipeline, check with soap solution to ensure no passing of Natural Gas from Main isolation valve.
- Ensure complete fitting of GI pipe up to individual main isolation valve. If further

GI installation up to meter and appliance valve is not planned on the same day then fix hollow hex plug. Ensure no leakage/valve passing before starting balance work of the connection.

- Open main isolation valve and carry out leak check with soap solution of newly fitted GI pipeline.
- After ensuring no leakage, open individual main isolation valve and ensure proper gas supply to the customers and ensure no open end is left before leaving the site.

21. TESTING OF GI INSTALLATION

Before carrying out the pneumatic test of the GI installation; testing assembly, air foot pump with pressure gauge / manometer shall be checked its calibration and proper functioning.

Before pneumatic testing of the installed connection spacing between two clamps, tightening of the clamps thread joints, alignments of the whole piping shall be checked. Valve shall be kept in open position and the appliance valve shall be kept in close position.

Ensure Meter and Regulator is not installed during PPT. Proper Meter spool piece shall be installed during PPT (No flexible hose to be allowed).

Ensure during the testing, air should reach up to the appliance valve. After completion of testing, pressurized air shall be released from appliance valve only.

Calibrated pressure gauge shall be used having the range up to 1.5 times of test pressure and least count of gauge should be 0.1 Kg/cm²

Position of the pointer of the pressure gauge shall not be marked with the marker pen on the glass. It should be recorded in the test recorded during Pneumatic testing of GI Installation.

After pressurization of the whole piping section shall be checked for the leakage with the help of soap solution.

The installation from PE / GI transition fitting up to regulator shall be tested at the pressure of 6.0 Kg/Cm²) or at 150 mbar as the case may be.

The testing of GI riser pipe up to regulator shall be done with the isolation valve in open condition and open end plugged.

The GI installation from regulator outlet to appliance valve (except meter) shall be tested at a pressure of 1.5 times to working pressure for a hold period with no pressure drop. All the joints in the installation shall be checked with soap solution. The contractor shall supply the Calibrated Pressure Gauges / Manometer / Diaphragm Gauges range for testing GI Installations.

The contractor shall supply the Pressure Gauges, Manometer and Diaphragm Gauges range for testing GI Installations ranging from 0-4 bars / 0-150 mbar / 0- 250 mbar respectively.

The calibration certificate shall be submitted before the start of the execution work. The pressure gauges shall be calibrated from time-to-time as desired by EIC but positively once in every Six months.

The GI pipe shall be painted with one coat prior to installation in a riser; however, the ends/joints shall be painted only after carrying out testing of the installation.

The details of testing shall be properly recorded in the GI cards.

22. PURGING & COMMISSIONING

The rate for purging & commissioning shall be included in the GI installations. Contractor shall ensure that the outlet is so located that vent gas cannot drift into buildings. Contractor shall perform the commissioning of the GI installation as follows:

- Ensure the method of purging is such that no pockets of air are left in any part of the Customer's piping.
- Ensure that all appliance connections are gas tight, all appliance gas valves are turned off and there are no open ends.
- Where possible, select an appliance with an open burner to commence the purge i.e., a hotplate burner.
- Ensure the area is well ventilated, and free from ignition sources.

- Ensure branches that do not have any appliance connected are fitted with a plug or cap.
- Turn on one burner control valve until the presence of gas is detected. A change in the audible tone and smell is a good indication that gas is at the burner. Let the gas flow for a few seconds longer, then turn off and allow sufficient time for any accumulated gas to disperse.
- Turn on one gas control valve again and keep a continuous flame at the burner until the gas is a light and the flame is stable.

23. Providing Domestic PNG connection:

Domestic PNG connections shall be provided in this item which include fixing meter with or without regulator, providing and fixing copper piping, providing and fixing appliance and isolation valve if required as per SOR.

24. Conversion of Domestic customer:

Conversion to start the supply to customers with changing the LPG stove nozzles of all make. The jobs need to be done by a skilled person with all tools and tackles. The Suraksha hose needs to be changed as per requirement. If Suraksha hose is required to be changed then payment of same shall be paid through separate item in SOR. The item includes filling in the conversion form and taking the signature of the customer after taking initial reading of the meter etc. The rate quoted by the party shall be applicable for Kota and shall be inclusive of all material, manpower as well as transportation etc. complete

Conversion Of Appliance from LPG to PNG:

Conversion of Appliance from LPG to PNG - Hot Plate Burner/Grill/Burner (supply of Reinforced Rubber Hose with Clamps shall be covered in other SOR). The major jobs include but not limited to the following:

- Removing the existing flexible hose connections from the LPG cylinder to stove through LPG regulator. Connecting the existing LPG stove with New Flexible Hose (Suraksha Hose) of 1.0 m / 1.5 m with the outlet of Isolation valve and fasten the hose with hose clamps tightly.
- Modification/conversion of the existing LPG stove burner suitable for PNG by removing the existing Nozzles of sizes 85 μ & 55 μ with 125 μ & 110 μ nozzles and any other nozzle suitable for PNG. The scope of supply of the new nozzles shall be in the scope of the contractor. Changing of nozzles and associated controls as per the requirement for conversion of the burner in complete.
- Adjusting the hole / Sim of the jet for gas inlet suitable for PNG so that flame is not put-off during the knob operation in all the positions.
- Testing for gas escapes from the meter, regulator & the soundness and performance of the appliance to the satisfaction of the customer. Cleaning and performing Minor maintenance of appliances.
- The contractor must attend to the complaints regarding appliances till the total area is handed over to RSGL's operation and maintenance.
- All consumables (Nozzles, greases etc.) are in the contractor's scope & changing or repairing of any items damaged during conversion.
- Filling up the gas connection commencement form supplied by RSGL and get the signature of the customer after noting down the initial meter reading (Signing of Joint

Meter Records (JMRs) and submit to RSGL for record updating.

- Issuing Safety instructions to customers for use of PNG. Sticking the Emergency Contact number details provided by RSGL on the Meter. All the tools & paraphernalia for the above job shall be arranged by the contractor

25. Supply & providing of GI sleeves with pedestal:

Supply & installation of GI Sleeves, 2.5" NB x 300 mm length GI Sleeve for domestic connections, 3" NB x 300 mm length GI Sleeve for commercial and industrial installations, excavation, breaking through any obstructions, Squeezing of MDPE pipe near to Transition fittings, dismantle of regulator, shutdown the riser /individual connections, insertion of GI pipe, sealing the annulus, firm fixing of the sleeves with concrete mix, preparation of pedestal & restoration of excavated pits within the size of pedestal as per instruction of EIC. The rate includes liaisoning with statutory bodies if required and no separate rates are payable.

26. Supply of Suraksha hose confirming to IS 9573 Type-2 with clamps and nozzles - For conversion from LPG to PNG:

The scope includes Supply of Suraksha hose with clamps and nozzles for conversion from LPG to PNG. Contractor must maintain sufficient quantity at all times so that conversion jobs & gas leakage issues are not affected.

27. Supply of additional Manpower:

The scope includes supply of un-skilled / semi-skilled/skilled manpower for any particular job not covered in the SOR anywhere for meeting any special exigencies as per the instruction of EIC/RSGL Representative.

28. Pipeline Patrolling:

The Pipeline Network in CGD is vulnerable and susceptible for damage due to excavation by Third Party Agencies. The key & prime essence for safe operations of the MDPE network is to protect steel & MDPE network from any third-party activities. This can be achieved only by gathering early information of any such activities in the vicinity of the Gas pipeline. The prime responsibility of the Contractor is to gather/collect such information by all means and communicate to respective O&M office immediately for corrective action. One of the ways in gathering such information is by doing Patrolling thoroughly. Failing to gather any such information about third party activity may lead to gas leakages and consequent damage there off. Patrolling activity shall be the "Eye & Ear" of O&M team to protect the pipeline network. Slackness/Negligence in Patrolling activity shall be viewed seriously and frequent failures of Steel & MDPE damages due to lack of knowledge & intimation to O&M office may lead to termination of the Contract. For effective Patrolling of MDPE network the key activities listed below (but not limited to) shall be performed by the Contractor under this scope of Work.

- 28.1 Each Patroller shall be designated certain portion of area to be patrolled during the shift along with Pipeline route map. Each designated Patroller with designated portion of area shall cover minimum 2000 km of Pipeline per month i.e., average 65 km per day. The payment shall be made on per km patrolling basis derived from GPS. The Contractor need to present the GPS Tracking while submission of Bill.
- 28.2 The minimum qualification of Patroller shall be ITI with Minimum 1 year of similar Experience. Patroller may also be required to assist O&M activities in case of requirement.

- 28.3 Patrolling activity shall be carried out on two-wheeler fitted with GPS based vehicle tracking system. The speed limit of the Two-wheeler shall not cross 20 km/hr. Patroller shall always take path of the Pipelines as per the route Map. Any deviations from the pipeline shall not be considered for measurement of Patrolled length.
- 28.4 Patroller (as well as other Services human resources) should also have a mid range good Smart Android based Mobile Phone (capable of handling uninterrupted GIS software/CBud software/Others as required by RSGL). The data call charges, Maintenance and Insurance of Mobile Phone to be built up in the SOR Item. No separate payment shall be payable to contractor for Mobile Phone/Call/Data Charges
- 28.5 Contractor has to arrange for live tracking of the movement of the Patrolling vehicle and access to the GPS monitoring system shall be provided to RSGL personnel for monitoring & review of effectiveness of patrolling. At no point of time the GPS tracking should fail and immediate action shall be taken for early restoration. During failure of the GPS tracking, the patroller shall submit the Google Map tracking system using his mobile
- while patrolling along with various pictures taken with smart phone with location attribute switched 'ON'. This is only a contingency method and should not be adopted as regular practice. A maximum one day break down of GPS is acceptable in one month and efforts shall be put to restore the system as early as possible.
- 28.6 Designated Patroller should make himself well acquainted and make himself familiar with the Pipeline route, location of Valves, Markers etc. The Contractor along with Patrollers shall maintain liaison with various Third-Party Agencies, JCB associations, HDD Agencies, RWA, Local public/vendors so that any activity along the Gas pipeline is reported to RSGL. Contractor shall adopt all possible endeavors to gather information about third Party activities along the gas pipelines.
- 28.7 For effective patrolling, the contractor shall engage local teams & avoid frequent replacement of the Patrollers.
- 28.8 The prime responsibility of any patroller shall be to inform any activity along the Gas pipeline to respective O&M office and the Supervisor/Shift In-Charge with Picture & location of the incident through Mobile.
- 28.9 The patroller shall immediately stop any unauthorized digging activity near Gas pipeline & inform RSGL respective base & Supervisor.
- 28.10 Patroller shall carry Valve Keys along with him, rush to the site and shall close the nearest isolation valve in case of any eventuality and inform RSGL. The supervisor shall rush to the site to take stock of the activity and control.
- 28.11 Contractor's scope shall be to deploy bikes, safety gadgets, Insurance and abide by all the Traffic rules & regulations. The charges for fuel, GPS Tracking system and all

other consumables, tools shall be in the scope of the Contractor. The decision of EIC/ Site in Charge shall be final and binding for arriving the length of pipeline patrolled. For the execution of patrolling the contractor shall maintain enough bikes.

- 28.12 Use of CBuD app is Mandatory. All Patroller must use without failure the CBuD app. Objective of Call Before u Dig (CBuD) is an innovative initiative by the Government of India, available in the form of a mobile app as well as an online portal, to bring excavators and asset owners in one platform to underwrite and mitigate the losses due to unmonitored digging activities across the country.
- 28.13 The patroller will start patrolling in the designated route and carry out thorough patrolling & checks like Road/Nallah/Rail Crossing, Valve-Chamber, CP station/Warning, Excavation on Pipeline, Gas Leakage if any, condition of Markers, MRS & DRS etc. should be done during patrolling.
- 28.14 When the patrolling is finished by the patroller & arrive at the end point, the supervisor should be present there to collect the patrolling format & review the observations that are made by the patroller. The Patrolling Track record shall be downloaded from the GPS system and validated with RSGL representative at the end of each shift and kept for records.
- 28.15 If there is no observation found in the format, the verbal discussion shall be done with the patroller to know about any third-party activities which are going along the pipeline route. If there is any observation noticed during patrolling, the patroller/ supervisor shall report the same to RSGL engineer immediately from the site.
- 28.16 In case any observation is mentioned &/or narrated by the patroller, then the supervisor shall rush to the site of the vulnerable location to confirm the third-party activity. The vulnerable location shall be filled by the patroller/ supervisor & shall be submitted to the O&M in-charge of the respective site. The format after site visit & review shall be submitted to RSGL.
- 28.17 The supervisor should monitor the time taken for the patrolling by the individual patroller. If the patroller takes more time for patrolling the particular section/ area of the pipe line which has been assigned to him, he may be enquired for the delay.
- 28.18 In future if RSGL develops any online monitoring of Patrolling activity through Geo-Fencing and Mobile App. Contractor shall adopt to such systems.
- 28.19 Patrolling of the pipelines (Steel + MDPE) laid by RSGL along with pipeline route on Two-wheeler fitted with GPS to ensure no unauthorized third party digging along RSGL network. A report needs to be developed on a daily basis regarding any activity noticed along RSGL network on a daily basis. The item included manpower, 2-wheeler along with GPS, fuel etc. and this manpower shall not be allowed to work or engage with any other party for similar work as part time or full-time basis. The item shall be paid on a per KM basis.
- 28.20 Penalty: In case of non-working of GPS and non-submission of GPS report / absence

of online tracking in Control room for patrolling, the penalty of Rs 1000 per day per patrolling per vehicle will be levied.

29. Making of holes for GI / Copper piping

- This includes Core cutting in RCC, Brick wall, Granite etc of required dia and depth for providing GI piping / MDPE piping etc with all necessary machine and Manpower.

30. Providing & fixing of MDPE valves of approved make

- This includes supply & fixing of various sizes of MDPE valves of approved make in MDPE valve chamber.

31. Flushing, Purging, Testing & Commissioning of PE network and Testing :

- Pressure testing will be carried out with compressed air (free from oil and greases). Compressed air will be provided by Contractor for testing purposes and is to be included in the laying rates.
- For main pipeline laying, the Contractor shall perform progressive pressure testing to ensure no leaks in long lengths of pipe. The test pressure shall be 6.0 bar (g), and there shall be no unaccountable pressure loss during the test period
- Overall scheme drawing for pressure testing shall be prepared by the contractor and get approval from Owner/Owner representative.
- For main line the test duration shall be 24 Hrs. With these tests, the pressure should be allowed to stabilize for a period of 30 minutes after pressurization. The holding period may then commence and continue for 24 hours. Measuring instruments shall have been calibrated and their accuracy and sensitivity confirmed. For testing of Network, calibrated pressure gauges of suitable range shall be supplied by the contractor. The pressure gauges shall be calibrated from time to time as desired by EIC. All testing shall be witnessed and approved by the EIC or his delegated representative. Tie-in joints may be tested at working pressure following commissioning. In special cases, where the mainline length is less than 500 mtrs, holding period for testing may be reduced to 4 hrs.
- For service lines up to a length of 15 mtrs testing will be carried out independently of the testing of the mains (if service line is laid separately after commissioning of mainline) for which the test duration may be reduced to 30 minutes at 6 bar (g) pressure. The service line testing in this case will be performed after the service line installation is complete but before the service line tee has been tapped. Also, in some cases the tapping of the service tee will be delayed pending the completion and purging of the main pipelines

PURGING:

- Purging shall be carried out in accordance with the principles defined in the American Gas Association publication "Purging Principles and Practice".
- The Contractor shall also provide nitrogen required for purging as per the direction of Site In-charge. Nitrogen shall be supplied in labeled, tested and certified cylinders and completed with all necessary regulators, hoses and connections, which will be in good working condition. No separate payment shall be paid for supplying Nitrogen cylinders for purging and is included in the laying rates. Before purging cylinder should be checked for containing Nitrogen only.

- In addition, the Contractor shall submit purging plan and get approval from Owner / Owner representative before commencing any purging work. The Plan shall include but not be limited to the provision of the following materials and equipment: Personal Safety Equipment, Fire Extinguisher, Purging Adaptor, Purge stack with flame trap and gas sampling point, Gas sampling equipment (may be gas leak detector), squash-off tool, Polyethylene connecting pipe.
- The Plan shall also include the purging process along with detail on the sequence of events. The process is to also specifically mention the need to lay a wet cloth over the PE main and in contact with the ground, to disperse static electricity during the purging work.
- A purge stack with flame trap shall be used when purging services. Care shall be taken to ensure that the purge outlet is so located that vent gas cannot drift into buildings.
- Contractor shall provide the required personnel, Vehicles, labour, supervision, tools, equipment, instruments and technical assistance for performance tests and commissioning activities as per requirement / satisfaction of Owner /Owner's
- Representative. Commissioning of gas in the tested PE line shall be done as per the approved procedure.

32. Providing Services for O&M (Domestic / Industrial / Commercial/CNG):

For smooth Operation and Maintenance of PNG network upon network penetration, customer care service, minimum response time to control any exigencies RSGL want to open an O&M office as per the requirement basis.

All the activities required to operate & maintain the PNG Network and attend to Customer complaints/ any leakage/ operation of valves and other requirements shall be covered in the scope of this SOR. The Major activities but not limited are as below:

- Services for O&M office shall be on a 24 X 7 hr. basis.
- The workforce/manpower with requisite qualifications, to be deployed for the O&M office shall be as below. This is a minimum requirement of manpower envisaged for day-to-day work, however in case required, additional manpower should be deployed by the successful bidder with no extra cost to RSGL so that day to day work shall not be suffered.

TABLE -A OF POINTS ON SCOPE OF WORK

Item No.	Description of item	Qualification	Total Manpower Requirement	Experience
1	Manpower			
1.1	In charge of PNG O&M	BE/Diploma	01	Minimum year 4 experience in CGD industry. Preference will be given for the handling of PNG (O & M)
1.2	Shift In-charge for PNG O&M (Highly skilled)	BE/Diploma	02	Minimum 2 years /experience in GAS field. Preference will be given for handling of PNG (O&M)

1.3	Technician for PNG O&M (Highly skilled)	Diploma/ ITI	15	Minimum 4 years' experience in CGD. Plumber-3, Electrician-4, Fitter-3 Instrumentation-2. Cathodic protection-2
1.5	Control Room Operators. (Highly skilled)	Diploma/B.SC with basic Computer Knowledge	03	Minimum 1 years' experience in CGD
1.6	Helper (Un-skilled)	Pref. 8 th pass/ Literate	02	Preferably 1 years' experience Emergency control room. (Age up to below 45 Year)
1.7	Fireman (skilled)	ITI with Fire & Safety certificate	01	Preferably 2 years' experience as Fireman in CGD.

- The manpower shown in the table above is only directional and actual requirement of manpower (increase/ decrease) would be communicated by owner from time to time to contractor.
- Vendor to keep provision for provident fund, leave/weekly off/holidays as per standard labor laws. Vendor to prepare monthly shift schedule well in advance & get its approval by owner.
- Vendor will submit the CV of personnel to the owner for approval of recruitment on his role till the end of the tenure. Necessary interviews shall be taken by the owner prior to deploying them at the station.
- The job mentioned under the scope of work shall be carried out as per the work instructions, documentation and recommendation of the person concerned and as per the guidelines / directions given from time to time to the contractor by EIC or his authorized representative.
- All jobs are to be carried out within the stipulated time period as specified under the Price.
- Reduction Clause. If the contractor fails to carry out job within the time stipulated and as per guidelines given by the EIC, RSGL will have full right to get the job done by any other party at the sole risk and cost of the contractor. The personnel of contractors shall abide by the rules and regulations in respect of safety & security of prohibited areas and follow the procedures laid down by RSGL from time to time.
- In case any unscheduled failure of the installations serviced by the contractor within the contract period, it shall be binding on the contractor to mobilize his manpower along with the required tools and equipment immediately to attend the complaint. It shall be in the scope of the contractor to reach the site along with trained and competent people, fully equipped with the necessary tools to carry out the maintenance activity.
- The contractor shall maintain Logbook of all activities on day-to-day basis. All the Formats & Logbooks are in the scope of Contractor & to be printed as per the formats provided by RSGL.
- All free issue materials, tools & tackles issued by the company to the successful bidder

shall be preserved against deterioration and corrosion while under contractor's custody. Any damage or losses suffered on account of non-compliance as losses suffered due to willful negligence on the part of the contractor and he shall be liable to compensate the company for losses suffered at penal rates.

- All expenses towards mobilization at site and demobilization including bringing in equipment, work force, materials, dismantling the equipment etc. shall be deemed to be included in the prices quoted and no separate payments on account of such expenses shall be entertained.
- The contractor shall take care for cleaning the working site from time to time for easy access to work site and also from safety point of view. Working site should be always kept cleaned up to the entire satisfactions of the EIC. Before handing over any work to RSGL, the contractor, in addition to other formalities to be observed as detailed in the document, shall clear the site to the entire satisfaction of the EIC.

O&M Manpower: JOB Responsibilities and other item specifications.

- 1) The attendance of all deployed service Manpower shall be marked thru suitable electronic system with Geo Fencing incorporated.
- 2) Job descriptions defined for each category like site supervisor, technician/plumber, PE Welder are although their primary job responsibility but in no way does it imply that they are the only job responsibilities. In case of Emergency Situation, which is the core purpose of this tender, any workmen deployed will have to carry out the related work with respect to dealing with the emergency and carryout out any assigned job as per site instructions for RSGL EIC/ representative. Periodical cross functional training sessions will be organized by RSGL to acquaint the deployed workman with other related job competencies.
- 3) Manpower will be deployed on as and when required basis since the work involved is occasional in nature.
- 4) Late arrival for duty and early departure from duty will attract half day wages only for that workman. All workmen are expected to report well before the working time and take charge from the preceding shift workman. RSGL reserves the right to forego such deduction in cases such delays are beyond the control of the workman. RSGL decision in this regard will be final and binding.
- 5) All contract workman deployed will have to take prior permission from vendors Site In-charge and keep the RSGL EIC/representative intimated well in advance and at least before 24 hrs. in any case, before leaving the town/city limits for which this contract is being awarded. RSGL reserves the right to cancel such permission as per job requirement/ site condition.
- 6) Duty logbooks to be maintained at all control rooms wherein all the events, complaints received etc. are entered date-wise in real time basis as well as shift handing over and taking over entries are made by the worker deployed. RSGL reserves the right to inspect this logbook register on regular basis and in case of non-compliance reserve the right to deduct half day wages for the defaulting workman.

- 7) RSGL will finalize control room wise shift timings as well as shift timings for the workman deployed. Shift timings for various categories of workman deployed will be as per job requirement and can be changed with 24 hrs. notice.
- 8) Wages to be disbursed to the workman through e-payment mode only directly into the workman's bank account. Vendor to take workman specific approval from EIC. Deviation from this clause will be considered as flouting the tender terms and condition i.e. not carrying out the job as per tender terms and condition and attracting penal action as per tender terms and condition including contract termination as well as action w.r.t holiday listing/ blacklisting.
- 9) Monthly wages to be disbursed before 7th of succeeding month. Any delay in this regard will not be permitted and deduction as per Price Reduction Clause of this tender, on the service charge element of manpower will be levied.
- 10) Vendor to submit identity documents like Aadhaar card, voter ID card etc. of all manpower deployed for O&M work and ensure their police verification.
- 11) All monthly bills to be submitted at the latest by 10th of the succeeding month with all necessary documents listed below.
 - a. Copy of the statement sent to Bank for payment for payment wages to labour. Bank statement copy to be enclosed showing transfer of funds to workman
 - b. Copy of the attendance register in Form D as per Contract Labour Act 1970 for the month
 - c. Copy of the ESI Challan with list of persons for the month
 - d. Copy of PF Challan with list of people for the month

Duties of O&M In-Charge

1. He will work as a coordinator to interact/interface with RSGL EIC/ Representative.
2. O&M In-charge will be responsible for planning, organizing & required supervision & technical, Safety guidance for execution of all O&M activities, Covering schedule monitoring, Statutory compliance, breakdown maintenance & submission of various reports.
3. He will be responsible for inventory management of essential spares for all O&M activities in emergency van/Stores/Office.
4. While conducting any O&M work, He should follow and ensure compliance of RSGL HSE norms.
5. He will be responsible for timely response during emergency/leakage.
6. He will be responsible for reconciliation of material & submission of materials to RSGL Store from Permanent disconnection.
7. He should ensure the availability of manpower for O&M activities & uninterrupted gas supply to customer. Safe handling of various emergencies like gas leak, fire explosion & maintain integrity of the network.
8. In case of excavation near gas pipeline, coordinate with the third party agency/ their site supervisor & get detail like type of work, depth of excavation, distance from gas pipe line,

- work duration & name of contractor, address & contact details.
9. Divide the total network route in Sub-route/Section such that total network can be patrolled once in month.
 10. Ensure that each member of the patrolling team is aware about the route of pipeline, & depth.
 11. Observation of Civil work/Construction near gas pipeline.
 12. Observation of erosion of soil from gas pipeline route.
 13. Observation of valve chamber & its cover.
 14. The timely response of any excavation work near gas pipeline from third party.
 15. Provide the workman awareness about gas network, its hazards & pipeline drawing & brief them a safety precaution to be taken to prevent damage to gas pipeline.
 16. Report the findings of patrolling team's activity / observations in specified format to RSGL.
 17. Coordinate with RSGL O&M department & keep them informed about digging / third party activities.
 18. In case of need make deposits at a specified bank and submit deposit slips to RSGL site in-charge and maintain accounting for such receipts/ deposits.
 19. Carryout any other activity for as advised by RSGL site in-charge for completing the activity ensure smooth operation and maintenance of RSGL facilities.

Shift In-Charge

He is responsible to handle the various customer complaints effectively & safely in specified response time, especially the complaints of PE damage, Gas smell, Gas leak, Fire & explosions.

1. In co-ordination with O&M In-charge he should execute & supervise all activity as scheduled maintenance plan.
2. He should ensure the availability of essential spares & their replacement after use.
3. He will Co-ordinate with patrolling team for third party excavation work in respective location.
4. He should ensure HSE norms compliance while executing & supervising various O&M activities.
5. In case of need make deposits at specified bank and submit deposit slips to RSGL site in-charge and maintain accounting for such receipts/ deposits.

Technician/Plumber Duties

1. For conducting the leakage test of the facility at the customer's premises regularly as per weekly/monthly plan provided by RSGL.
2. Attending leakage complaints as the topmost priority and reaching the customer's premises within 30 min of reporting.
3. Carry all important tools and tackles and required spares for carrying out the leakage tests and repairs.
4. Should be in proper dress, well-groomed and behave in a courteous manner with the customers.
5. Should remove his shoes prior to entering the customers house/kitchen
6. Should clear all the mess/dirt created at customers premises/kitchen, while carrying out the repairs, before leaving the house.
7. Appraise the customers about the safety precautions to be taken while using PNG

connection

8. Should not collect any cash from the customers under any circumstances. Customer's acknowledgement to be obtained on the service report towards the cost of the chargeable items and services only by clearly mentioning the total amount of such costs in the service report.
9. Should not enter into arguments with the customer and in case of any dispute report the matter to the Shift In-charge/In-charge immediately and follow instructions/directions given.
10. Check for any unauthorized fittings, non-standard hose pipe, damaged hose pie etc. while carrying out the regular checks/ maintenance and report the matter to Shift In-charge/In-charge and record such details in the service report and obtain customer signature.
11. Always use PPE while carrying out the job.
12. Point no. 3 to 11 except point 5 as stated under Patrollers duties are also applicable for Technicians/ Plumber.
13. By regular check, he should ensure working of tools, tackles essential for job, & ensure availability of minimum stock of spares required for emergency repair, maintenance, and attend all O&M complaint received from his in-charge/supervisor/RSGL representative.
14. Technician shall be responsible for safe handling of emergency/break down maintenance in response time & must wear all recommended PPEs while on job.

Helper

1. He should work as per instructions of technicians/shift engineer/ RSGL site in charge.
2. He will be responsible for safe excavation during repair maintenance of network.
3. He should carry out the housekeeping at site & in Office as and when required.
4. At site, during the course of job, he should give tools tackles to his superiors as demanded & return back the same in the van after completion of job. He must wear all PPEs while on job.
5. While in control room he should work as office assistant and carryout any assigned job and handle/ manage/ move any equipment as per directions from in charge/supervisor/RSGL site in charge.
6. Repairing & Installation of RCC & Pole Markers.
7. Carryout any other related O&M job as per directions from in charge/supervisor/RSGL site in charge.

Manpower deployed for PNG shall carry out following works:

➤ Installation of GI pipe using old pipe:

Removal & Re-Installation of GI Pipes using old removed pipes. If the quantity of reinstalled pipe is more than removed Pipeline, then charges for additional pipe length shall be applicable as per separate SOR. To maintain minimum inventory of material, consumables as per instructions of RSGL In-Charge. Prior assessment of shortage

& material requirement for installation at site, order placement for Purchasing of GI Pipes & GI Fittings, Copper pipes & Copper fittings, Brass Fittings. However, the inspection certificate issued by TPIA shall be submitted when asked by RSGL. Receiving, taking over, handling, loading, transportation and unloading of RSGL supplied above ground items like regulators, meters, RSGL's designated stock yards to Contractor's own stores / work sites, proper storing, stacking, identification, providing security insurance cover. Making temporary but stable platforms/ scaffolding/ rope ladders and supply of all other safety devices including full body harness of PETZL or equivalent make.

Installation of GI/ Copper service pipes & fittings only for modifications & extra points, replacement of Meter, regulators, Valves etc. including NPT threading, as specified, Drillings of holes through the walls (Brick, RCC), Granite, Marble, Wood Cutting, Glass Cutting with proper heavy duty hammer drill machine, tools & tackles, using proper sealant/grout material and colors to match the original replacement of the damages during drilling, restoring the area to the original condition, Painting of entire length of pipe along with fittings after proper surface finish by one coat of approved primer paint and two coats of approved synthetic enamel paint. Restoring the wall surface to original conditions, Supply & fixing of approved clamps & dowel Plugs with screws, grout material, suitable thread sealant i.e., Teflon Tape / lock tight, joining of transition fittings to above ground service. GI pipes testing, purging and commission of the complete installation. Planning & coordination with existing consumers for testing existing risers and re-commissioning of existing connections. All installation/re-installation carried out with GI/Copper will be paid on running meter basis. These rates include testing and commissioning. This SOR shall be applicable only in case of emergency and leakage complaints. GI, Copper, brass fittings shall not be counted separately. It shall be included in the measurement of GI & Copper pipe. Dismantling of GI Pipes and Copper Pipes shall also be included while executing the SOR.

➤ **Calibration of All Gauges & SRV to be maintained by the contractor**

(DRS/MRS/ODOURIZING UNIT/CNG COMPRESSOR/ ST CASCADE/ MO CASCADE)

Contractor has to maintain the record of calibration date of every gauge (PG, TG etc.) installed in the DRS/MRS/CGS/CNG Cascades etc. The contractor shall carryout the calibration of all the gauges before the due date in advance. Calibration shall only be carried out from NABL approved laboratories and provide valid certificate to that effect. The job includes record keeping, identification, removal, transportation to lab and back, installing back of gauges.

➤ **MDPE Valve & Valve Chamber Operation, Maintenance & House Keeping:**

Scope includes opening of valve chamber, operate the valve with / without wheel and lubricated if required as per SWP issued by RSGL once in three months. The valve Chamber needs to be kept clean always and remove any grass, debris, Water inside the valve chamber and paint the Valve chamber with Details of Tag No and other details. All the consumables are in the scope of contractor.

➤ **Maintenance & House Keeping of DRS & MRS:**

The maintenance of District Regulating Stations shall be carried out monthly. During maintenance, filter cleaning all the valves shall be operated, sealed and lubricated as per SOP issued by RSGL. Cleaning shall be done. All the consumables, Manpower etc. shall be in the scope of Contractor.

Work Instructions for Cleaning / Replacement of Filter Elements of DRS /MRS:

- Ensure that the filter body is de-pressurized by opening drains and top gauge connection. Venting is done under controlled conditions with all safety precautionary measures as per work permit system.

- Before starting venting operation, ensure that DRS inlet and outlet valves are closed.

Unbolt bolts of Top cover of filter & Remove Filter top cover, carefully.

- Remove filter element carefully, after removing the nut on element guide rod.
- Observe / check the inside of filter body and element fixtures for any abnormality, and finally clean inside of the filter body.
- Clean the faces of filter cover and body.
- Similarly clean and reuse the old element, if possible.
- If required, replace the element with new element.
- Refit the element by screwing down the nut, washer, and rubber packing, on guide rod.
- Use the old gasket if the same condition is good. If not replace the same with a new gasket.
- Refit the top cover by bolting down equally on all sides.
- Conduct the leak check of cover joint by soap solution, when the filter is pressurized after completion of all other jobs on DRS.
- Prepare the report and update the record including, spares / material consumption statement and submit to RSGL in charge for material reconciliation and inventory management.

Work Instruction for Routine Maintenance of DRS / MRS:

- Check CH₄ % with gas detector and carry out leak test with soap solution, of all pipe, valve and tube joints
- Clean all valves, drain vents, pressure gauges, pipe spools and pilot regulators and filter, with dry clean cloth
- Operate all valves in clockwise/anti clockwise direction frequently to make all them free in operation
- If found necessary paint all valves and other valves with blue colour, pipe, vent pipe with yellow colour, Filter with silver colour, S.R.V. with red colour, P.R.V. & S.S.V. with sky blue colour.
- If Regulator No. / Equipment No. is not visible, the required marking is done with appropriate paint.
- Close the cabin and fencing gate and lock it.

Dismantling of GI Pipe all Sizes:

Dismantling/removal of GI service pipes & fittings on customer/ end user request and store at RSGL Specified location. The contractor shall submit material details & meter reading data to control room immediately after dismantling or as directed by control room in charge. This SOR shall be applicable only in case of emergency and leakage complaints. GI,brass fittings shall not be counted separately.

➤ Re-Install Copper Pipe Using Old Pipe: Installation of Copper pipes & fittings only for modifications & extra points, replacement of Meter, regulators, Valves etc. threading, as specified, Drillings of holes through the walls (Brick, RCC), Granite, Marble, Wood Cutting, Glass Cutting with proper heavy duty hammer drill machine, tools & tackles, using proper sealant/grout material and colours to match the original replacement of the damages during drilling, restoring the area to the original condition. Restoring the wall surface to original

conditions, Supply & fixing of approved clamps & dowel Plugs with screws, grout material, suitable thread sealant i.e., Teflon Tape / lock tight. Cu pipes testing, purging and commission of the complete installation. All installation/re- installation carried out with copper will be paid on running meter basis. These rates include testing and commissioning. This SOR shall be applicable only in case of emergency and leakage complaints.

➤ Dismantling of Copper PIPE: Dismantling/removal of CU & Copper service pipes & fittings on customer/ end user request and store at RSGL specified location. The contractor shall submit material details & meter reading data to control room immediately after dismantling or as directed by control room in charge. This SOR shall be applicable only in case of emergency and leakage complaints. Copper, brass fittings shall not be counted separately.

➤ Painting – GI Pipes All Sizes (up to 1”): Painting - GI pipes, painting of above ground at all heights of GI pipe along with fittings of various sizes installed at domestic and commercial connection after proper surface finish by one coat of approved primer paint and two coats of approved synthetic enamel paint complete as per specifications & directions of EIC. Restoring the wall surface to original by cleaning / touching of the corresponding paint to original as per instructions & to the satisfaction of the EIC.

➤ Routine Internal testing of Domestic / Industrial / Commercial installation.

➤ Periodic testing of MDPE network.

➤ Routine Erath Pit testing.

➤ Routine TLP readings.

➤ DIS-CONNECTION (DC) / RE-CONNECTION (RC)

DIS-CONNECTION

Disconnection procedure can be categorized into two following type, volunteered or forced disconnection.

VOLUNTARY DIS-CONNECTION

Billing officer/cashier shall receive the consumer application and request charges only if the consumer has no dues with RSGL. If the above condition is satisfied then the request charges as decided by RSGL shall be taken and details of same shall be forwarded to RSGL representative on daily basis.

Technical group on successful disconnection shall intimate. In case the house is found locked, then Contractor shall submit of House locked status and reattempt will be made after few days or by taking suitable time from customer on phone.

FORCED DIS-CONNECTION

- Forced disconnection shall be carried out in the following cases:

- Non-payment of gas consumption bill for more than two (2) billing cycle (i.e. more than 4 months), or as instructed by RSGL.
- Non-payment of installation cost, penalty, contract renewal charges for distinct reasons.
- Using gas with unsafe installation / circumstances or tempering / manipulation of installation / equipment or for any other technical / non-technical reason.
- Disconnection will be carried out with prior authorization / instruction of RSGL.
- After successfully carrying out such disconnection, necessary report submitted to RSGL representative. The charges and modes shall be decided by the RSGL. CONTRACTOR should ensure that no such consumer shall be reconnected without clearing the matter, collecting the outstanding amount along with the penalty and re-connection, charges, as per the policy. Forced disconnection shall be carried out as and when required or as instructed by RSGL.
- In Case of Forced Disconnection to be carried out in High rise buildings or Flats, Contractor has to arrange for PETZAL (Julha) to perform the activity. The Contractor can raise bill for same based on SOR of RSGL.

RE-CONNECTION

On receipt of consumer request for re-connection, billing personnel should ensure that the disconnection was done volunteer or forcefully.

If disconnection was done forcefully, do not accept request or carry out re-connection without clearing the matter, collecting the outstanding amount along with the re-connection charges, penalty as per policy. Do not accept the payment in cheque for such cases. If consumers satisfy the clearance process, then forward the application to the RSGL representative.

Technical groups on successful reconnection shall intimate. The response time for this activity shall be fixed by the RSGL / CONTRACTOR mutually. In case the house is found locked, then Contractor shall submit of House locked status and reattempt will be made after few days or by taking suitable time from customer on phone.

The work mentioned above are indicative only and may vary as per site requirement. Hence, scope would include all other activities other than above listed activities which are required to carry out on day to day basis as per instruction of EIC.

PROVIDING SERVICES FOR FILLING CNG AT CGS / MS / CNG RO:

The workforce/manpower with requisite qualifications, to be deployed for the O&M office shall be as below. Manpower deployed shall fill up Compressed Natural Gas in LCV / HCV Mobile cascade / other Vehicles coming at CGS / MS / CNG RO. He / She will be responsible for housekeeping of nearby premises and shall keep all CNG facilities such as Cascades / Dispensing Unit / Compressor / Other facilities neat & clean.

PROVIDING SERVICES FOR DOMESTIC / INDUSTRIAL / COMMERCIAL CONSUMERS:

The minimum workforce/manpower with requisite qualifications, to be deployed for the O&M office shall be as below. This is a minimum requirement of manpower envisaged for day to day work, however in case required, additional manpower should be deployed by the successful bidder with no extra cost to RSGL so that day to day work shall not be suffered.

METER READING- COMMERCIAL / INDUSTRIAL CUSTOMER:

Gas consumption readings for all Commercial & Industrial customers need to be taken from the meters installed at various customer's premises on daily basis. The gas meter readings for the above all customers shall be taken daily between 06.00 am to 08.00 am. It will be the responsibility of the shift in charge of the morning shift to ensure reading are being taken. These readings shall be submitted to RSGL control room by 9.00 am on daily basis. While taking the meter readings the following observations shall be made and communicated to RSGL personnel regularly as per the format & parameters provided by RSGL:

- a. Meter & its accessories condition.
- b. Battery backup / power supply condition.
- c. Operating stream
- d. Gas Leakage
- e. Any other abnormal conditions

➤ ASSISTANCE IN UPDATING GAS COMPOSITION IN THE METERS:

Gas composition to be updated in the metering skids / consoles installed at various commercial / Industrial customers on fortnightly / monthly basis as guided by RSGL. Assistance in Calibration of PSV, Measuring Instruments viz. PG. TG etc.

➤ The quoted Rate for this SOR items shall include but not limited to the following and no additional charges shall be payable other than Quoted Rate:

- ✓ Monthly wages for the Manpower deployed as per Govt. Wage circular, ESI. Insurance etc.
- ✓ Uniform & PPE, Identity Cards etc.
- ✓ Deployment of sufficient no of 2 Wheelers along with GPS tracking, fuel, maintenance charges.
- ✓ Communication charges among employees
- ✓ Consumables
- ✓ All the stationery
- ✓ Any other charges to execute this SOR as per the Scope.

Penalty: If manpower in a shift or general shift is less than the standard mentioned manning a penalty of Rs. 2000/person/shift shall be applicable. If PPEs / critical spares inventory as per the list, are not available then the penalty of Rs. 5000 per instance will be levied.

HIRING OF MAINTENANCE VAN FOR O&M ACTIVITIES.

For handling emergency calls and carrying out various planned operation and maintenance activities, of the city gas distribution system, availability of well- equipped vehicle called normally as maintenance van is very important. Contractor has to deploy one Maintenance Vehicle for 24 hrs services basis, for attending the Emergency works and other routine jobs as per the instructions given below:

➤ The four-wheeler shall be of 5-seater Mahindra Bolero Camper / Tata Venture / Maruti Ertiga or equivalent model/make having open space available at the backside for transportation of tools & tackles, MDPE pipes & other necessary items required for O&M

work. The back side shall be customized as per the

drawing with proper racks for keeping equipment / tools/tackles required for emergency response in O&M activities of CGD network. The vehicle should be capable of taking the maintenance team to sites along with Tools & equipment. The same shall be converted into Maintenance Van with RSGL branding.

➤ The Maintenance Van shall be deployed within 30 days of intimation from RSGL for round the clock operation along with driver (proper License Holder), fuel, suitable RTO permission, Insurance and other requirements as per the Transport Authority.

➤ The rate for this SOR shall be for 2000 km per month and Extra km run beyond 2000 km shall be paid as per the other SOR item. No extra charges shall be paid for Parking, construed to be included in the quoted price.

➤ All charges towards the running cost of vehicle shall be borne by contractor. RSGL shall not make any payment other than quoted price in SOR

CONTRACTOR shall provide emergency vehicle along with Accessories and the vehicle shall be used and must be kept in a good working condition all the time. Driver to be deployed on this vehicle must be well trained / experienced, non-alcoholic or drug addict & dressed in approved uniform. Driver should be provided on 24 X 7 basis and should not be used as helper / technician for any other O&M work. Necessary manpower, machine / equipment's, spares / materials & consumables shall be arranged by CONTRACTOR for any emergency. All manpower shall be provided necessary PPEs.

Standard reasonable load carrying vehicle, with open truck type body and good maneuverability that can be converted into maintenance van, after building customized body for storage and security of various tools tackles, pipes and fittings, fire extinguishers etc. generally required for handling gas leak / escape emergencies and routine and break down maintenance of network and installations, from city gate station to customer connections, located near and far.

For highlighting the company identity, the van is painted with company logo, name, and contact telephone numbers & special colour approved by RSGL in special colour and pictures, beautifying it with aesthetic look.

Maintenance van all required items is very important, and hence should be operated and maintained with utmost care. The van should be used only for intended purpose. Ensure driving of the van with lawful and traffic safety, taking care of the damaging bumps on the road. The regular checks and inspection procedure should be established, assigning responsibility to particular shift engineer. The vehicle should be checked daily in the morning, as per the check list, having checks for, tire pressure, engine oil, fuel level, other abnormalities like over temperature, vibration, noise etc. including announcement and wireless system.

The vehicle should be regularly serviced in a good, equipped garage. Similarly, the tools tackles should be checked every month end to ensure the availability and working condition of each item. The effective material reconciliation procedure and check list should be prepared to ensure the availability of pipes and fittings and replacements for the consumed pipes and fittings. The replacement for the use / lost items should be done immediately otherwise there are chances of forgetting the replacement.

The fire extinguisher and pressure gauges, torches, stored in the van, should be periodically checked and calibrated for their working. For overall security of all items, the van should always be locked and guarded, when not in use.

At Maintenance van should be parked at safe and secured place, keeping watch. Take out the required items only, do not remove / take out unwanted items, from the van. Return back the items in van immediately after completion of job. Ensure that all items are collected and returned back in the van to their respective place, after repeatedly looking outside, here and there.

CONTRACTOR shall maintain the day-to-day records & submit it along with monthly reports.

Vehicle should be maintained in proper working conditions throughout the tenure of the contract by carrying out

preventive, periodic & breakdown maintenance as per Manufacturer's recommendations. CONTRACTOR shall submit the report on such scheduled or breakdown maintenance performed from time to time. All the inspection & maintenance should be carried out by authorized dealers only.

CONTRACTOR shall make an alternate arrangement in case of Routine, Periodic maintenance to be carried out or for RTO purpose, required from time to time at his own cost & risk. RSGL shall ensure that in such case the O&M is not affected.

Any penalty for non-compliance or delay in compliance of statutory matters shall be realized / Recovered from CONTRACTOR.

CONTRACTOR shall ensure the validity of driving license for the driver deployed on vehicle at his own cost.

CONTRACTOR shall be solely responsible for any accident of vehicle & caused damages to vehicle or the property of third party or the human (injury or death). Such cost shall be recovered from CONTRACTOR & any complaints in police or competent authorities in this regard shall be taken up at his cost & risk including insurance claim, repairing of vehicle, damage to third party.

The Maintenance Van shall be equipped with minimum critical equipment to handle the emergency. The list of minimum critical equipment/tools is as under:

Sr.No	Brief Description of Equipment /Tools	UoM	Qty.
1	PE Hydraulic/Manual Steel Squeezer (63mm to 125mm)	Nos	2
2	PE Manual Steel Squeezer (32mm to 90mm)	Nos	2
3	PE Manual Squeezer (20mm to 32mm)	Nos	2
4	PE Pipe cutter (20mm to 125mm)	Nos	2
5	Alignment Clamp 32mm to 125mm	Nos	2 each
6	Gas Leakage Detector / Explosive meter	Nos	1
7	Pressure Gauge (bar, psi, mbar),0-500 mbar, 0 to 10bar	Nos	2
8	Manual Jack up to 5 Ton	Nos	1
9	LED Flood Light of 50 W with Wire & Plug/Socket/MCB Arrangement with Extension up to 15 m.	Nos	1
10	Digging Spade/Shovel, Spear Set for excavation	Nos	2
11	Dewatering Pump	Nos	1
12	Barricading Tapes/Chains/Cones	Set	Sufficient
13	Copper Pipe Bender	No	1
14	Other tools & Tackles, Consumables for attending emergency Pipeline damages & Maintenance works.	Sufficiently	

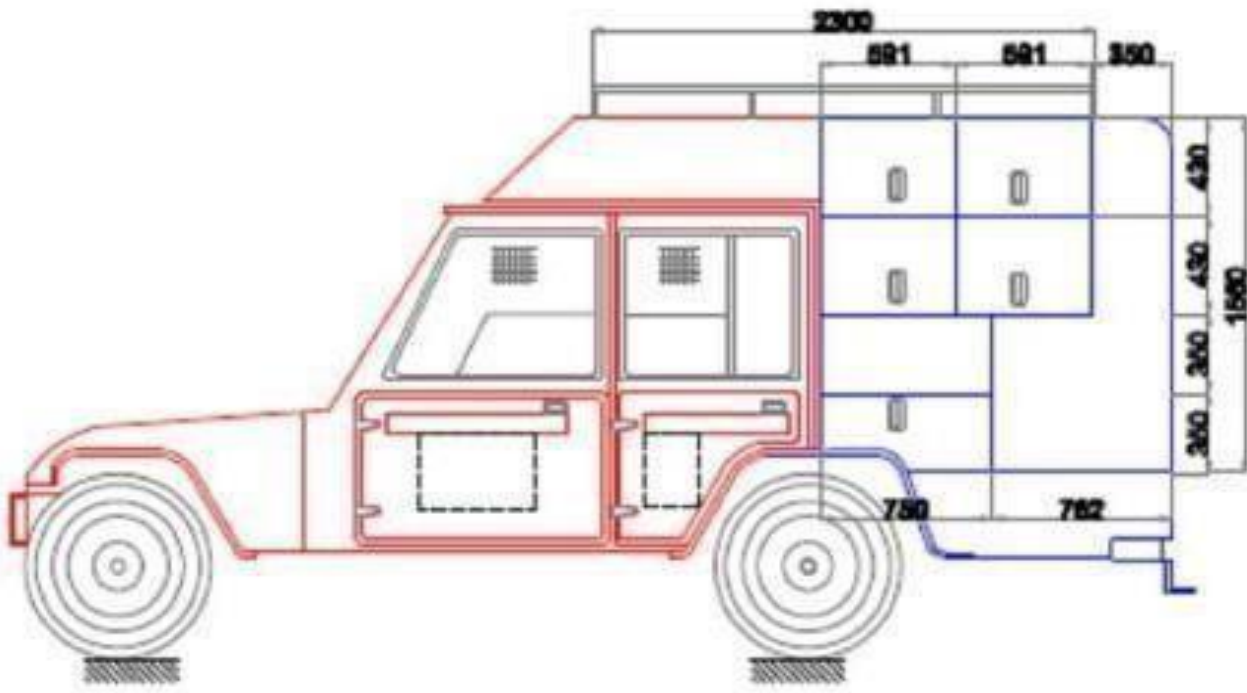
The records for tools & equipment shall be updated every fortnight. Any minor maintenance for the equipment shall be carried out by the contractor periodically. At least once in a month, security / test run shall be carried out and recorded by the contractor. The consumables viz. petrol / diesel, other lubricants consumables for operation of DG set etc. during test run and at site while attending jobs shall be in the scope of the contractor. The rates quoted shall include these miscellaneous expenditures. Penalty:

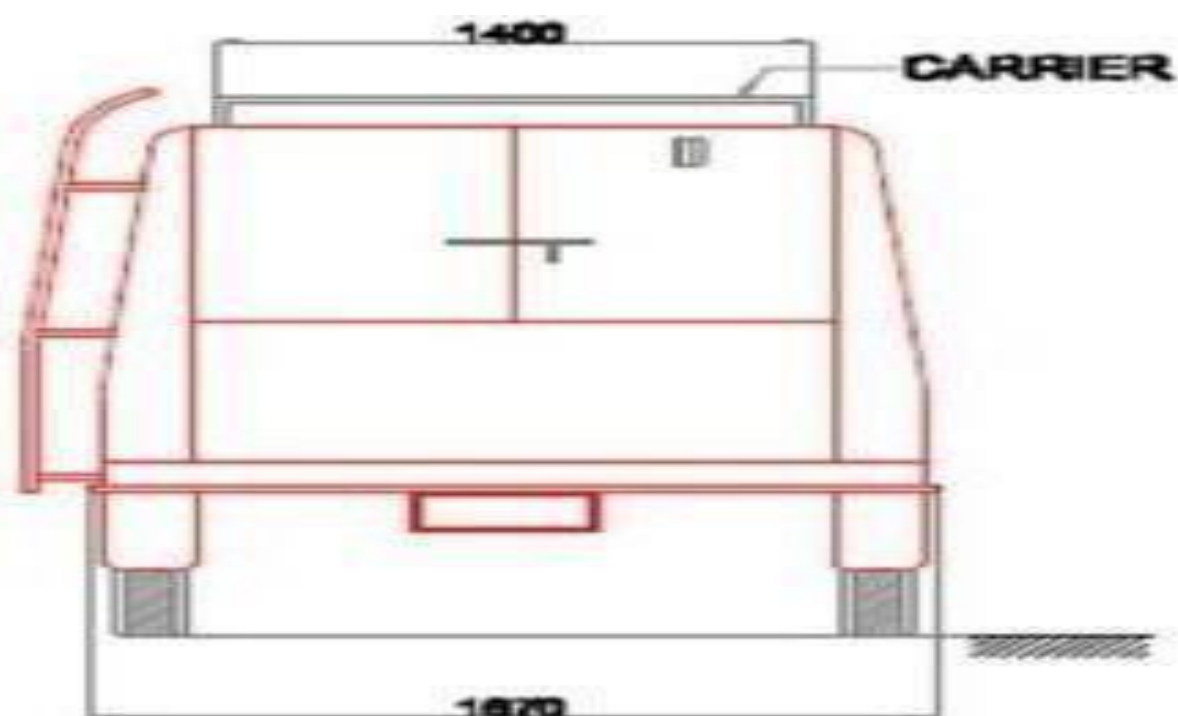
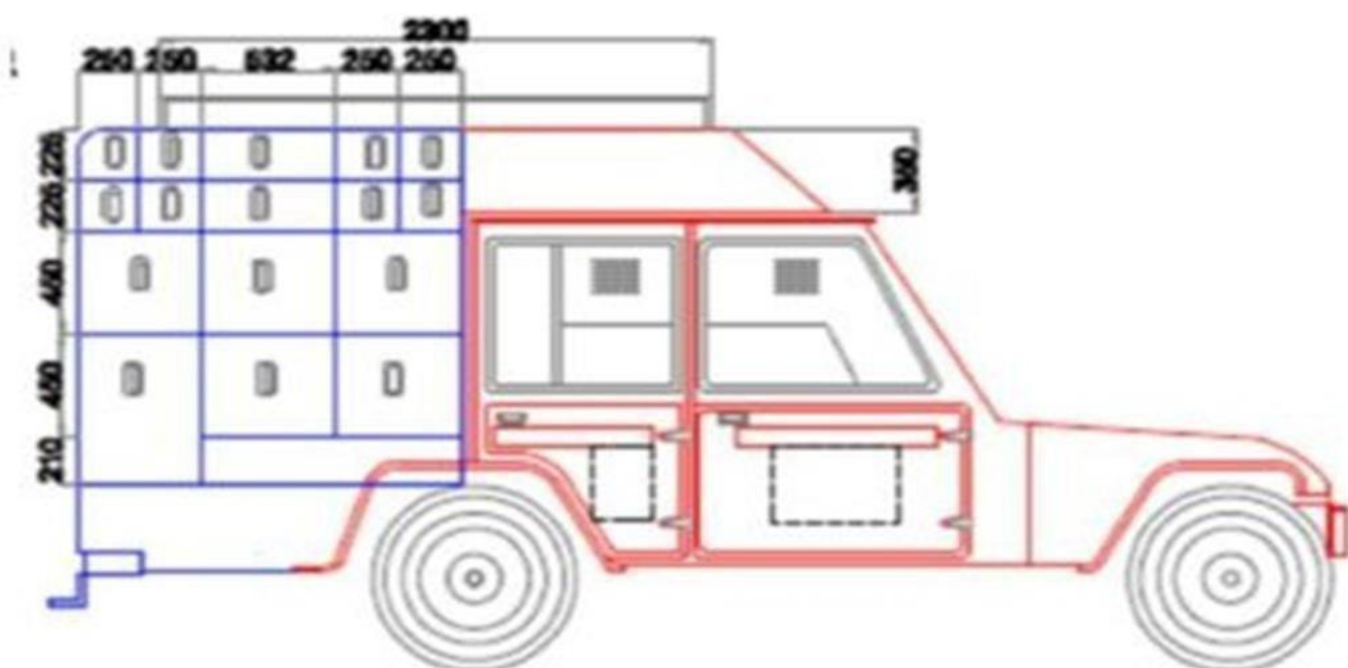
- If the vehicle is not deployed within a 30 days after intimation a penalty of Rs 2000/vehicle/day delay will be charged.
- If the vehicle is not available on any day due to breakdown, a penalty of 2*cost of

vehicle per day as per SOR shall be applicable.

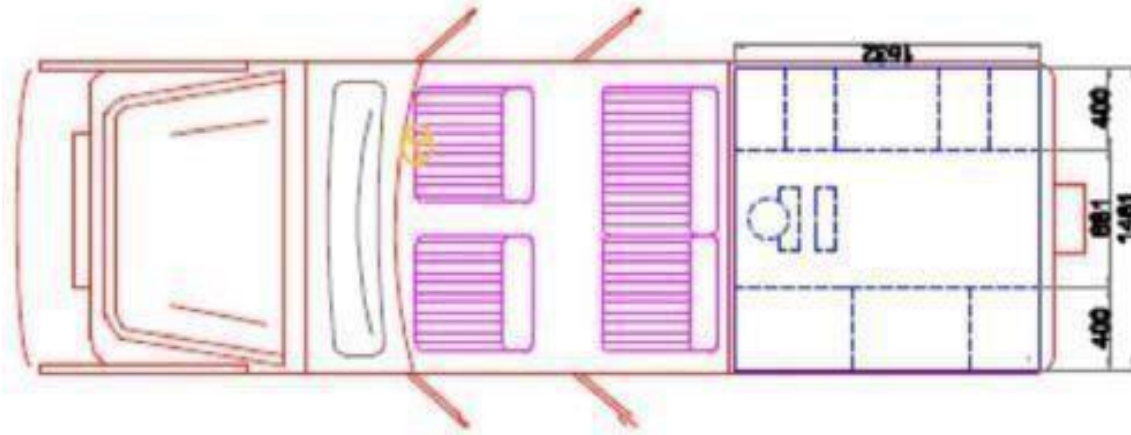
- iii. If PPEs / critical equipment as per the above list, are not available then the penalty of Rs 5000 per instance will be levied.

TENTATIVE SKETCH OF MAINTENANCE CUM ERV VEHICLE (The Drawing is tentative and to be customized specially to incorporate the Equipments related to ERV. The final approval shall be given by EIC)





LIST OF MINIMUM ITEMS FOR FIRST AID BOX UNDER CONTRACTOR'S SCOPE



Sr No.	Item Description	Qty
1.	Small Dressing Gauze Swab for Finger Wound	8
2.	Medium Dressing Gauze Swab for Hand or Feet Wound	8
3.	Large Dressing Gauze Swab for Body Wound	8
4.	Soframycin Cream Tube, 15 Gram	1
5.	Bottle Of Antiseptic Solution 100 ml. Each	1
6.	Absorbent Cotton Wool I.P 20 Gram	4
7.	Roll of Adhesive Paster 2.5 CM X 1Mt U.S.P	1
8.	Bandage Rolled (5CM X 2 Mter)	9
9.	Eye Pad Each in Pkt (Sterile)	7
10.	Strip of 10 Tablet Paracetamol I.P 0.5 Gram	10
11.	Potassium Permagnate I.P 20 Gram	1
12.	Boric Acid I.P 20 Gram	1
13.	Band Aid Strip	5
14.	Dressing scissor 5" Stainless Steel	1
15.	Polythene Wash Bottle 250 CC For washing Eye	1
16.	Tourniquet Cotton Belt & Buckle	1
17.	Eye Wash Cup	1
18.	Safety Pins	12
19.	Spray for Burn Injury (100 ml)	1
20.	Spray for Muscle Sprain (Relispray) (100 ml)	1
21.	Spray Antisaptic Bandage (100 ml)	1

LIST OF MINIMUM MANDATORY SAFETY EQUIPMENTS & PPE'S

Sr. No.	Name Of Material
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1	Fire Extinguisher, DCP/CO2 Type 5 & 10 Kg each, ISI mark
2	Safety Helmets
3	Headlamp with LED light
4	Electric shockproof Hand Gloves
5	Safety Goggles
6	Ear Plug
7	Traffic cone
9	Warning Tape
10	Folding Stretcher (Thadani)
11	Fluorescent Jacket
12	Flameproof Emergency Torch
13	Rope with safety belts
14	Gum Boots
15	Rain Coat
16	Winter safety wear
17	First-Aid Box

List of Approved Make for O&M services at RSGL

Sr No	Item	Approved Make
1	MDPE Valve	George Fisher, Agru
2	MDPE Fittings	George Fisher, Kimplas
3	Warning Tape	Sparco, Singhal
4	GI pipes	Indus tube, Jindal Hissar, Surya Rsohni, Swastik pipe, Appolo tubes
5	GI Fittings	Jainsons Industries, Jinan Medie, Jupiter Metal
6	Copper pipes & Fittings	Jayna, Chandan Enterprises, Paras Industires, Rajco Metalm Mehta Tubes
7	Isolation Value & Appliance Valve	Jinan Meide, Jainson Industires, Universal Srl, Fratelli Fortis
8	Surakaha hose	Suraksha Product pvt Ltd, Vikram, Gayatri, Luxmi Rubtech

- Other Approved Make by M/s GAIL Gas/M/s GAIL India and M/s MECON shall be acceptable after approval of EIC.

List of Minimum Inventory to be maintained by Contractor at any point of time at each O&M office during the contract period.

Note: All PE Fittings shall be PE 100 SDR as applicable and black color.

Sr No	Name of Material	UOM	Make	Minimum QTY
A	PE Pipes, Electro Fusion Fitting& it's related materials			

1	PE Coupler 125 mm	Nos.	Georg Fischer (GF)	5
2	PE Coupler 63 mm	Nos.	Georg Fischer (GF)	5
3	PE Coupler 32 mm	Nos.	Georg Fischer (GF)	10
4	PE Coupler 20 mm	Nos.	Georg Fischer (GF)	10
5	PE Elbow 125 mm (90 Deg)	Nos.	Georg Fischer (GF)	2
6	PE Elbow 63mm (90 Deg)	Nos.	Georg Fischer (GF)	4
7	PE Elbow 32 mm(90 Deg)	Nos.	Georg Fischer (GF)	10
8	PE Elbow 20 mm(90 Deg)	Nos	Georg Fischer (GF)	10
9	PE Elbow 125 mm (45 Deg)	Nos.	Georg Fischer (GF)	3
10	PE Elbow 63mm (45 Deg)	Nos.	Georg Fischer (GF)	5
11	PE Elbow 32 mm(45 Deg)	Nos.	Georg Fischer (GF)	2
12	PE Equal Tee 125mm	Nos.	Georg Fischer (GF)	2
13	PE Equal Tee 63mm	Nos.	Georg Fischer (GF)	2
14	PE Equal Tee 32mm	Nos.	Georg Fischer (GF)	5
15	PE Equal Tee 20mm	Nos.	Georg Fischer (GF)	5
16	PE Reducer 125mm x 63mm	Nos.	Georg Fischer (GF)	2
17	PE Reducer 63mm x 32mm	Nos.	Georg Fischer (GF)	5
18	PE Reducer 32mm x 20mm	Nos.	Georg Fischer (GF)	5
19	PE Saddle 125mm x 63mm	Nos.	Georg Fischer (GF)	2
20	PE Saddle 125mm x 32mm	Nos.	Georg Fischer (GF)	2
21	PE Saddle 63mm x 32mm	Nos.	Georg Fischer (GF)	2
22	PE Saddle 63mm x 20mm	Nos	Georg Fischer	2

			(GF)	
23	PE Saddle 32mm x 20mm	Nos.	Georg Fischer (GF)	2
24	PE End Cap 125mm	Nos.	Georg Fischer (GF)	2
25	PE End Cap 63mm	Nos.	Georg Fischer (GF)	5
26	PE End Cap 32mm	Nos.	Georg Fischer (GF)	5
27	PE End Cap 20mm	Nos.	Georg Fischer (GF)	5
28	Transition Fitting 1/2"x 20mm	Nos.	Georg Fischer (GF)	5
29	Transition Fitting 1/2"x 32mm	Nos.	Georg Fischer (GF)	5
30	Transition Fitting 3/4"x 20mm	Nos.	Georg Fischer (GF)	5
31	Transaction Fitting 3/4"x 32mm	Nos.	Georg Fischer (GF)	5
B	G.I. Consumable Material list			
1	GI 1/2" Powder coated Pipe, C-Class	Mtr	Approved vendor	200
2	GI 3/4" Powder coated Pipe, C-Class	Mtr	Approved vendor	50
3	GI 1" Powder coated Pipe, C-Class	Mtr	Approved vendor	10
4	Ball Valve (MCV/IV-1/2")	Nos.	Approved vendor	10
5	Ball Valve (MCV/IV-3/4")	Nos.	Approved vendor	10
6	Ball Valve (MCV/IV-1")	Nos.	Approved vendor	10
7	GI 1/2" Powder coated Coupling	Nos.	Approved vendor	10
8	GI 3/4" Powder coated Coupling	Nos.	Approved vendor	10
9	GI 1" Powder coated Coupling	Nos.	Approved vendor	5
10	GI 1/2" Powder coated Union	Nos.	Approved vendor	10
11	GI 3/4" Powder coated Union	Nos.	Approved vendor	5
12	GI 1" Powder coated Union	Nos.	Approved vendor	2
13	GI 1/2" Powder coated Elbow	Nos.	Approved vendor	10
14	GI 3/4" Powder coated Elbow	Nos.	Approved vendor	5
15	GI 1" Powder coated Elbow	Nos.	Approved vendor	2
16	GI 1/2" Powder coated Plug	Nos.	Approved vendor	10
17	GI 3/4" Powder coated Plug	Nos.	Approved vendor	10
18	GI 1" Powder coated Plug	Nos.	Approved vendor	5
19	GI 1/2" Powder coated Equal Tee	Nos.	Approved vendor	5
20	GI 3/4" Powder coated Equal Tee	Nos.	Approved vendor	5
21	GI 1" Powder coated Equal Tee	Nos.	Approved vendor	2
22	GI 1" x 1/2" Powder coated Unequal Tee	Nos.	Approved vendor	2
23	GI 3/4" x 1/2" Powder coated Unequal Tee	Nos.	Approved vendor	2

24	GI 1" x ½" Powder coated Reducer	No's	Approved vendor	2
25	GI ¾" x ½" Powder coated Reducer	No's	Approved vendor	5
26	MALE FEMALE elbow ½" Powder coated	No's	Approved vendor	10
27	GI 1" Powder coated Clamp with screw and proper pad	Nos.	Standard Make	10
28	GI ¾" Powder coated Clamp with screw and proper pad	No's	Standard Make	20
29	GI ½" Powder coated Clamp with screw and proper pad	No's	Standard Make	50
30	GI 1" Nipple 1"x2"	Nos.	Standard Make	10
31	GI 1" Nipple 1"x3"	Nos.	Standard Make	10
32	GI 1" Nipple 1"x4"	Nos.	Standard Make	10
33	GI 1" Nipple 1"x6"	Nos.	Standard Make	10
34	GI ¾" Nipple ¾"x2"	Nos.	Standard Make	10
35	GI ¾" Nipple ¾"x3"	Nos.	Standard Make	10
36	GI ¾" Nipple ¾"x4"	Nos.	Standard Make	10
37	GI ¾" Nipple ¾"x6"	Nos.	Standard Make	10
38	GI ½" Nipple ½"x2"	Nos.	Standard Make	10
39	GI ½" Nipple ½"x3"	Nos.	Standard Make	10
40	GI ½" Nipple ½"x4"	Nos.	Standard Make	10
41	GI ½" Nipple ½"x6"	Nos.	Standard Make	10
42	Powder coated Meter Bracket	Nos	Standard Make	10
C	Copper Consumable Material List			
1	12 mm copper pipe	Mtr	Approved vendor	30
2	12 mm copper coupler (PRE SOLDERED)	Nos.	Approved vendor	10
3	12 mm copper elbow (PRE SOLDERED)	Nos.	Approved vendor	5
5	O Ring/Seal for Union	Nos.	Approved vendor	10
6	O ring washer for regulator adapter	Nos.	Approved vendor	10
7	O ring washer for meter adapter G-1.6	Nos.	Approved vendor	10
8	Brass Disconnecting Union (¾" BSPT x 12mm, Straight)	Nos.	Approved vendor	10
9	Brass Disconnecting Union (½" BSPT x 12mm, Straight)	Nos.	Approved vendor	10
10	Brass Adopter (¼" BSPT x 12mm, Straight)	Nos.	Approved vendor	10
11	Meter Inlet Union (¾" x ¾")	Nos.	Approved vendor	10
12	Meter Outlet Union (¾" x 12mm, Straight)	Nos.	Approved vendor	10
13	Suraksha Rubber Tube, Wire Braided (1 mtr. Long, IS 9573 part IV)	Mtr.	Approved vendor	20
14	Rubber Hose Clamp	Nos.	Standard Make	30
15	Rawal Plug	Nos.	Standard Make	200
17	S.S Screw	Nos.	Standard Make	200
18	12 mm copper pipe PVC clamp type 2	Nos.	Standard Make	50
19	SOLDER JOINT(WIRE)	Grams.	Standard Make	500
20	FLUX (NON ACIDIC LEAD FREE)	Grams.	Standard Make	500
21	BLOW LAMP (BUTANE GAS CARTRIDGE)	Nos.	Standard Make	1

22	Appliance valve (1/2" NPT)	Nos.	Approved vendor	5
23	Commercial meter adaptor (All size)	SET	Approved vendor	1

Make of Materials:-

All equipment and materials to be supplied under this contract shall be from approved vendors as accepted by RSGL. Where the makes of materials are not indicated in the Bidding Document, Contractor shall furnish details of proposed makes and supply the same after written approval of RSGL. Proposed makes will be considered, provided sufficient information are furnished to the RSGL to assess the makes proposed by the Contractor as equivalent and acceptable.

Details for Bought Out Items

1. **INSPECTION / DOCUMENTS FOR SUPPLY ITEMS:** Contractor has to supply materials of approved make in the vendor approved list mentioned in the tender. The contractor shall supply the invoice at the time of submitting the Material Receipt Voucher (MRV). Valid TPIA report shall be submitted when RSGL ask to submit. The vendor shall furnish all the material test certificates, proof of approval/ license from specified authority as per specified standard, if relevant, internal test / inspection reports as per RSGL Ltd Technical Specification and specified code for 100% material, at the time of final inspection of each supply lot of material. Even after third party inspection, RSGL Ltd reserves the right to select a sample of tube randomly from each manufacturing batch and have these independently tested. Should the results of these tests fall outside the limits specified in RSGL Ltd Technical specification, then RSGL Ltd reserves the rights to reject all production supplied from the batch.

2. **TECHNICAL SPECIFICATION FOR GI PIPES:**

Service	Natural Gas
Working Pressure	4 bar (g)
Test Pressure	6 bar (g)
Working Temperature	0°C to 50°C
Material Description	IS: 1239 (Part-I) Heavy Duty, Continuous Welded
Min. Tensile Strength	30 kgf/sq.mm
Min. Elongation	6%
Tolerance	+ Not limited, - 10%
Protective Coating	Galvanized uniformly to protect from corrosion as per IS:4736/ASTM A53 or by Electro Galvanizing
Ends of Pipes	Plain End
Inspection	100% Pressure Testing shall be carried out at factory

2.1. **Marking and Dispatch:** All pipes shall be marked in accordance with the applicable codes, standards and specifications. Paint or ink for marking shall not contain any harmful metal or metallic salts, such as Zinc Lead or Copper which causes corrosive attack in heat. Pipes shall be dry, clean and free from moisture, dirt and loose foreign materials of any kind. Pipes shall be protected from rust, corrosion and mechanical damage during transportation, shipment and storage. Steel end protectors to be used on galvanized pipes, shall be galvanized. Both ends of the pipe shall be protected with the following material.

Plain End : Plastic Cap
Bevel End : Wood, Metal or Plastic Cover Threaded End :
Metal or Plastic Threaded Cap

2.2. Packing: Packing size to be mentioned to ensure uniformity in delivery condition of the material being procured. Contractor shall submit the packaging details during QAP and also compiled with at the time delivery.

3. TECHNICAL SPECIFICATION FOR COPPER PIPES:

Service	Natural Gas
Working Pressure	300 mbar (g)
Hydrostatic Test Pressure	35 bar (g) for 10 sec as per EN 1057(latest)
Working Temperature	0°C to 50°C
Material Description	BS EN 1057 (latest) grade Cu - DHP or CW024A
Min. Tensile Strength	250 N/sq.mm
Min. Elongation	30%
Tolerance	+ .5mm, - 0
Chemical Composition	Cu % including silver: Min 99.9 % Phosphorus %: 0.015 to 0.040%
Manufacture	The tubes shall be solid drawn by the process of melting, extrusion and thereafter bright annealing. The ends shall be cut clean and square with the axis of the tube in no case shall tubes be redrawn from old or used tubes
Inspection	100% Pressure Testing shall be carried out at factory
Size	12 mm

3.1. Marking and Dispatch: All pipes shall be marked in accordance with the applicable codes, standards and specifications. Paint or ink for marking shall not contain any harmful metal or metallic salts, such as zinc lead or copper which causes corrosive attack in heat. Pipes shall be dry, clean and free from moisture, dirt and loose foreign materials of any kind. Pipes shall be protected from corrosion and mechanical damage during transportation, shipment and storage.

3.2. Packing: Packing size to be mentioned to ensure uniformity in delivery condition of the material being procured. Contractor shall submit the packaging details during QAP and also compiled with at the time delivery.

4. TECHNICAL SPECIFICATION FOR GI FITTINGS:

Service	Natural Gas
Working Pressure	4 bar (g)
Pressure Test	As per Clause 11.1b of IS:1879-1987 with latest amendment on each and every fitting
Working Temperature	0°C to 50°C
Material Description	IS:14329-1995, latest amendments Grade BM 300

Tolerance	As per IS 1879 -1987 with latest amendments
Protective Coating	Fitting should be galvanized as per IS:4759 -1996 with latest amendments
Weight	As per section 2-10 of IS:1879- 1987 with latest amendments
Inspection	100% Pressure Testing shall be carried out at factory
Thread Type	NPT type conforming to ASME B1.20.1 (External & internal threads shall be tapered. The outlet fittings shall be chamfered.)
Size	12 mm

4.1. Pressure Test: Vendor shall carry out pneumatic pressure test as per clause 11.1b of 1879- 1987 with latest amendments on each and every fitting. Vendor to submit the internal quality control certificate for the same. RSGL shall witness pneumatic testing as per the sampling procedure specified in 1879 with latest amendments.

4.2. Compression Test: The test shall be conducted to judge the malleability of the pipe fittings and shall be carried out as per clause 12 of 1879-1987 with latest amendments.

4.3. Marking and Dispatch: All fittings shall be marked in accordance with the applicable codes, standards and specifications. Paint or ink for marking shall not contain any harmful metal or metallic salts such as zinc lead or copper which causes corrosive attack in heat. All fittings shall be dry, clean and free from moisture, dirt and loose foreign materials of any kind. All fittings shall be protected from rust, corrosion and mechanical damage during transportation, shipment and storage.

5. TECHNICAL SPECIFICATION FOR COPPER FITTINGS:

This specification covers the requirements for Copper Capillary fittings (End feed). Unless modified by this specification requirement European EN 1254 Part-I shall be valid.

5.1. MATERIAL: The material used for the manufacturer of Copper Capillary Fittings shall confirm to BS EN 1254 - 1: latest Half hard. Material used for the solder should conform to BS 219 & BS EN 29453 or equivalent and should be lead free.

5.2. DIMENSIONAL TOLERANCES: Dimensions tolerances of various types of copper capillary fittings (End feed) shall be as per BS 864 Part-2 (latest) & EN 1254 (Open tolerances on dimensions shall be ± 0.1 mm). The tolerances as specified in EN 1254 in nominal diameter are as follows (Ref Table 2).

Nominal Diameter	Tolerance on the mean diameter with respect to the nominal diameter		Resulting Difference	Diametrical
D	Outside Dia of male end (mm)	Inside Dia of Socket (mm)	Max. (mm)	Min. (mm)
12 mm	$+ .004 - .005$	$+ 0.15 - 0.06$	0.20	0.02

The minimum wall thickness of a fitting shall be in accordance as given below (Ref. Table 5 of EN 1254). Nominal Dia mm D: 12 - Minimum wall thickness (mm) Wrought Coppers 0.6

End connection of the Fitting must be capable of end feeding. Internal solder ring type fitting is not acceptable.

5.3. CARBON IN BORE: The internal surface of copper capillary fittings for soldering or brazing shall not contain any detrimental film nor present a carbon level high enough to allow the formation of such a film during installation. The maximum total carbon level on internal surfaces shall



not exceed 1.0 mg/dm² when tested in accordance with the specification.

5.4. **CHEMICAL PROPERTIES:** Each heat no. of the copper fitting will be tested for chemical properties to conform to non-arsenical copper DHP grade C 106 as per BS EN 1057 & BS 2871 to have the following chemical composition:

Copper Percentage: Min 99.9%
Phosphorus Percentage : 0.015 to 0.040%

The fittings shall be free from internal fins, blow holes, skin defects etc. or other irregularities which might restrict the free flow of fluid, and shall be designed that resistance to the flow of fluid through the fittings is minimized.

5.5. **PRESSURE TEST:** All fittings shall be leak tested at a pressure of 1 bar (g) for a period of 2 minutes and no leakage is permitted during this period Manufacturer's Test Certificate is necessary with supply.

5.6. **STRESS CORROSION RESISTANCE TEST:** A Stress Corrosion Resistance is to be carried out as per method defined in ISO 6957 using test solution of pH 9.5 but without pickling.

5.7. **MARKING:** Each tube shall be embossed with manufacturers name or trade mark BS 864 or EN 1254. Each packing containing fittings shall carry the following stamped or written in indelible ink.

- a) Manufacturer's name or trade mark
- b) Designation of tubes
- c) BS Symbol mentioning as 864 or EN 1254 to be used.

6. STANDARD SPECIFICATION FOR BRASS FITTINGS:

This specification covers the requirements for Brass Fittings. The fittings should be suitable for use with normal working pressure of 100m bar & maximum working pressure of 200m bar.

Unless modified by this specification, requirement of BS: 746 shall be valid. All pressure mentioned in this specification are Gauge Pressures.

6.1 **MATERIAL:** The material used for the manufacturer of Brass fittings shall confirm to IS: 319 or EN 1254-1(latest). Free cutting extruded brass rod. Vendors shall use materials having valid BIS or BS monogram. Material used for the solder should confirm to BS EN 29453 and should be lead free. Solder material shall be generally melting within the temperature range 180 to 250 c Threading on the Brass Fitting shall be done by BS 21.

6.1. **DIMENSIONAL TOLERANCES:** Dimensions tolerances of various types of fittings shall be as per BS: 746.

Diameter	Tolerance on mean Diameter w.r.t. the nominal diameter		Resulting Diametrical Difference	
	Outside Dia of male end	Inside dia of male end	Max (mm)	Min(mm)
12 mm	+0.04	+0.15	0.20	0.02
	-0.05	+0.06		

6.2. Union nuts shall be of hexagonal type. The Minimum wall thickness of a fitting shall be in accordance as given below.

6.3. **THREADS:** Fittings shall be threaded to dimensions & the tolerances as specified in BS:

21 unless specified otherwise. Provisions for tightening shall be made on all straight fittings. All male & female threads are tapered. The outlet of the fittings shall have a chamfer the chamfer shall have an included angle of $90^\circ \pm 5^\circ$ for internal threads & $70^\circ \pm 10^\circ$ for external threads.

6.4. The fittings shall be free from internal fins or other irregularities which might restrict the free flow of fluid & shall be so designed that resistance to the flow of fluid through the fittings is minimized.

6.5. Carbon in Bore: The internal surface of brass capillary fittings for soldering or brazing shall not contain any detrimental film nor present a carbon level high enough to allow the formation of such a film during installation. The maximum total carbon level on internal surface shall not exceed 1.0 mg/dm² when tested in accordance with specification. Test shall have carried out as per EN 1254-1.

6.6. Resistance to Dezincification: The fitting shall be manufactured from alloys containing more than 10% Zinc. So, fittings shall be required to be resistant to dezincification it shall be carried as per EN -1254-1.

6.7. Stress Corrosion Resistance Test: A stress corrosion resistance is to be carried out as per method defined in ISO 6957 using test solution of pH 9.5 but without pickling.

6.8. PRESSURE TEST: All fittings shall be leak tested at a pressure of 1 bar (g) for a period of 5 minutes & no leakage is permitted during this period.

6.9. MARKING: Each fitting shall be embossed with manufacturers name or trade mark. Each packing containing fittings shall carry the following stamped or written in indelible ink.

- a) Manufacturer's name or trade mark
- b) Designation of fittings
- c) Lot number

7. TECHNICAL SPECIFICATION FOR ISOLATION & APPLIANCE BALL VALVES:

The intent of this specification is to establish minimum requirements to manufacture and supply of Isolation & Appliance Ball Valves used for supply of natural gas.

7.1. Material specification for Isolation Valves: Isolation Ball Valve with Full Bore, NPT Female (Confirming to ANSI B1.20.1) ends for natural gas application).

Sizes	1/2"
Body	Hot Pressed/ Forged Brass, Nickel/ Chrome Plated
Ball	Hard Chrome/ Nickel Plated Hot Pressed/ Machined Brass Bar with Teflon Seat. With operating Knob and locking arrangement with sealing wire and lead seal (Without Key). Valve full open/ close position shall be at 90°.
Maximum Operating Pressure	4.0 Bar (g)
Hydrostatic Test Pressure	6.0 Bar (g)
Markings	Manufacturer's name or trade mark Model designation. Rate working pressure in Bar & Direction of flow, if necessary

Leakage	The permissible external/ internal leakage shall be specified by the vendor, with reference to relevant code. However, in no case the leakage in both the cases shall exceed 1 ml/ min at maximum working pressure specified.
Mechanical Strength	The body of the valves shall be capable of withstanding without deformation or leakage 125 Nm torque, as applied to a pipe being connected to the valve. Valve shall be capable of withstanding without deformation or leakage 340 Nm bending moment or an angular displacement of 10° whichever occurs first, if applied to a pipe connected to the valve. The valves shall be capable of withstanding 25 Nm impact without breakage or leakage.

7.2. Material specification for Appliance Valves:

Application Ball Valve	Full Bore with ½” NPT (Confirming to ANSI B1.20.1) Female as an inlet and the outlet shall be having Ni/ Cr plated brass or steel a nozzle (Serrated to suit ¼” rubber tubing/ hose connection) and the material is required for Domestic Natural Gas Service.	
Body	Total body including the nozzle shall be of Hot Pressed/ Forged Brass, Nickel/ Chrome Plated.	
Ball	Hard Chrome/ Nickel Plated Hot Pressed/ Machined Brass Bar with Teflon Seat With a metallic operating/ knob/ lever for full open/ close at 90° position.	
Maximum Operating Pressure	35 milli Bar (g)	
Hydrostatic Test Pressure	1.0 Bar (g)	
Markings	Manufacturer’s name or trademark, Model designation, Rate working pressure in Bar, Direction of flow, if necessary	
Leakage	The permissible external/ internal leakage shall be specified by the vendor, with reference to relevant code. However, in no case the leakage in both the cases shall exceed 1 ml/ min at maximum working pressure specified.	
	Mechanical Strength	The body of the valves shall be capable of withstanding without deformation or leakage 75 Nm torque, as applied to a pipe being connected to the valve. Valve shall be capable of withstanding without deformation or leakage 125 Nm bending moment or an angular displacement of 10° whichever occurs first, if applied to a pipe connected to the valve. The valves shall be capable of withstanding 25 Nm impact without breakage or leakage.

PENALTY AND DEDUCTIONS:

1. In case manpower is less than the mentioned manpower requirement in a shift in any of O&M base office will attract a penalty of Rs.2000/- per person in a shift and any subsequent instance shall attract a penalty of Rs.5000/- per instance with a notice to contractor.
2. The contractor will be held responsible for any theft or pilferages, loss, other offences and should liaison with police regarding the investigation for any malpractice. The particular employee should be terminated from his services immediately and replacement should be provided within 48 Hours, failing to which attract penalty according to non-availability of manpower clause.
3. If Successful bidder refuses / fails to execute the work as per instructions from RSGL, the work will be carried out from other contractors by the RSGL at the sole risk & cost of successful bidder and actual cost incurred by RSGL plus 15% overheads will be deducted from successful bidder's bill.
4. Other As mentioned in respective Clauses

RECOVERY

- 1) Cost of any damage / loss of the property of RSGL by the contractor shall be recovered from the Bills / Security Deposit of the contractor & the decision of RSGL in this regard shall be final, binding and conclusive.
- 2) If the contractor fails to provide safety gears to his personnel within 15 days from the date of start of work, RSGL shall provide the same, the cost of which, including the overheads as decided by RSGL, shall be recovered from the contractor's Bills.

If at any moment RSGLL feels that the services provided is not satisfactory RSGL reserves the right to De-hire the services immediately and in that case the Contractor will not be paid any Compensation and his Performance Bank Guaranteed (PBG) will be forfeited.

SAFETY

All workmen deployed by the successful bidder should have undergone a training provided by RSGL. No person will be allowed to work before the introduction of Safety training. Also before joining the work at RSGL, successful bidder shall submit the fitness certificate of all individuals as per instructions from RSGL. The successful bidder should provide necessary PPEs to all their workmen failing which necessary deductions as per above shall be made by RSGL.



SECTION-5
(SCHEDULE OF RATES)



भारत सरकार
GOVERNMENT OF INDIA

SCHEDULE OF RATES

Hiring an Agency for Operations and Maintenance Services for City Gas Distribution Network of RSGL KOTA GA for One Year

Tender No.: RSGL/KOTA/C&P/O&M/2025-26/NIT-12 DATED 18-09-2025

Item No. (A)	Description of Service / Item Description (B)	UOM (C)	Qty. (D)	Unit Rate excluding GST(₹) E	Amount excluding GST(₹)
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PART-A

Providing services for below mentioned categories at RSGL KOTA CGD Network for the period of 1 (One) year (Extendable to 2 year on same cost) as per the Scope of services/work and other conditions defined in the tender document. The monthly quoted price shall include salary of the manpower deployed, arrangements for boarding Lodging, fooding, expenses for reaching site/offices & back. The contractor shall keep provisions for all statutory regulations and compliances, Rules, Laws, enactment and tender conditions while quoting the prices as defined in the Tender Documents. Human resources as detailed in S. No. no. A1 & A5 in Table below) should have a valid applicable driving license and shall be deployed with a Two Wheeler (along with valid Registration certificate, insurance policy, PUC as per requirement of the location). The operation and maintenance charges of the Two wheeler, including the fuel charges up to 600 Km /Month/ bike (person), to be built up in the SOR Item. No separate payment shall be payable to contractor for deployment of two wheeler. Human resources as detailed in S. No. no. A1 & A5 in Table below should also have a Mid-Range good Smart Android based Mobile Phone (capable of handling uninterrupted GIS software/Others as required by RSGL). The data call charges, Maintenance and Insurance of Mobile Phone to be built up in the SOR Item. No separate payment shall be payable to contractor for Mobile Phone/Call/Data Charges.

A1	Services of 1 nos. of Overall In charge for O&M of Complete PNG network (12 Months x 1= 12 Man-months)	Man-month	12		
A2	Services of 2 nos. of Shift In charge for O&M of Complete PNG network (12 Months x 2= 12 Man-months)	Man-month	24		
A3	Services of 20 Nos. of Technician for O&M Activities as defined in Scope of work for overall PNG Network (12 Months x 20= 240 Man-months)	Man-month	240		
A3.1	Charges for extra per Km after exhaust of mentioned Km Running . The extra Km shall be quarterly calculated on cumulative basis of all Technician (i.e. extra KM shall be counted and payable only when cumulative total of 36000 KM of All Two wheeler is surpassed/achieved.)	Rs/Km	24000		



A4	Services of 3 Nos. of Control Room Operators (12 Months x 3= 36 Man-months)	Man-month	36		
A5	Services of 1 No. of Fireman (12 Months x 1= 12 Man-months)	Man-month	12		
A6	Services of 2 No. of helper (12 Months x 2= 24 Man-months)	Man-month	24		
A7	Monthly Service/Bidder charges / Agency Management Charges on per man-month basis.	Per Man month	348		
A8	Total Monthly Service/Bidder charges / Agency Management Charges on per man-month basis.				
A8	SUB TOTAL-PART-A				

PART-B

The contractor shall be responsible for following activities to operate & maintain the Entire PNG/CNG Network of KOTA CGD on 24 X 7 hr. basis.

1	Hiring of Earth Moving Equipment (JCB)	Hour	12		
2	Hiring of Hydra / Crane	Hour	12		
3	Hiring of RCC / Rock Breakers	Hour	10		
4	Hiring of Tractor Mounted Air Compressor	Hour	0		
5	Hiring of Generator set (Diesel / Petrol - up to 30 KVA)	Hour	12		



	Finding & Repairing MDPE Pipeline damages (Without Excavation, Backfilling & Restoration) in Gasified / Non-Gasified Area (Including Site Required Fittings Minimum 02 Nos of fittings) All Size piping shall be Free issue Material				
6.1	20 -32mm MDPE Pipeline	Nos	5		
6.2	63 -90mm MDPE Pipeline	Nos	5		
6.3	125 mm MDPE Pipeline	Nos	5		
7	Finding & Repairing MDPE Pipeline damages (With Excavation, Backfilling & Restoration) in Gasified / Non-Gasified Area (Including Site Required Fittings Minimum 02 Nos of fittings)All Size piping shall be Free issue Material				
7.1	20 -32mm MDPE Pipeline	Nos	3		
7.2	63 -90 mm MDPE Pipeline	Nos	3		
7.3	125 mm MDPE Pipeline	Nos	3		
8	Laying of MDPE Pipelines in all type of soil-Open Cut /Moiling Method All Size piping & fittings shall be Free issue Material				
8.1	20 mm - 63 mm MDPE Pipeline	Meters	10		
8.2	90 mm - 125 mm MDPE Pipeline	Meters	10		
9	Laying of MDPE Pipelines with trenchless method - HDD / Boarding Method without Casing in all type of soil including Murom / hard rock etc. (Minimum 200 Mtr Laying Required)All Size piping & Fittings shall be Free issue Material				
9.1	20 mm - 63 mm MDPE Pipeline (200 Mtr minimum length)	Meters	10		



9.2	90 mm - 125 mm MDPE Pipeline(200 Mtr minimum length)	Meters	10		
10	Excavation and Restoration of Pits/Trenches				
10.1	Restoration of concrete surface by providing RCC M25 grade with 20 mm and downgrade crushed stone aggregate as per design. Item includes all material, Manpower, shuttering, curing etc. complete. The steel to be used shall be paid extra as per the below SOR (10.2) rate.	Cu. Meters	5		
10.2	Reinforcement Steel: Supply and Fabrication and fixing in position HYSD steel reinforcement /TMT grade Fe-415 conforming to ISI 786-1985 at all level and positions including the cost of transport, straightening, cutting, bending, cranking, binding, welding, provision of necessary chairs and Spacers. Preparation of bar bending schedule and getting the same approved by EIC etc. complete as per drawing and specifications and including cost of binding wire, labour etc. as per the scope of work. The chairs and spacers bars provided will not be measured for payment.	MT	0.5		
	Note: Rate to include of all labour, tools, tackles, Equipments, hire charge, supply of all materials, shuttering, staging, shoring/strutting, finishing, supplying & fixing MS inserts/bolts, testing etc.				
10.3	Providing PCC 1:4:8 for restoration or any other purpose including shuttering, compaction and curing etc. complete,	Cu. Meters	5		



10.4	Restoration of road surface by providing 25mm thick Bitumen carpeting over 50mm thick BM. The surface shall be prepared by putting soiling etc. and compacted to received BM and BC. The restoration shall be done to the full satisfaction of local authority. The area shall be measured (width of trench x length) for payment.	Sq. Meters	10		
11.0	Installation of New service regulator				
11.1	Installation of New all type of service regulator with required fittings, tools and tackles etc. Regulator will be issue from RSGL and remaining all material / fittings/manpower etc. is in scope of this item.	Nos	5		
12.0	Shifting service regulator				
12.1	Shifting of all type of service regulator from existing location to new location with required fittings, tools and tackles.	Nos	6		
13.0	Fabrication & Erection of New Valve Chamber along with heavy duty RCC cover of required size and as per drg with all material, manpower etc. but cost of valve is not included.				
13.1	Size : 1 m (L) X 1 m (W) X1.5 m (D)	Nos	3		
13.2	Fabrication of heavy duty valve Chamber Cover (new) of existing valve chambers of all sizes with M25 Grade RCC. The drawings of the covers shall be providing based on-site requirement. Item includes supply and placing cover at site after removing existing one. The price shall be for complete chamber which may contain more than one cover.	Nos	10		
14.0	Supply and Installation of New Pipeline Markers				
14.1	RCC Markers	Nos	10		



14.2	Plate marker	Nos	10		
14.3	Steel Pole Markers	Nos	10		
15.0	Repairing & Reinstallation of Pipeline Markers				
15.1	RCC Markers including grouting with 1:2:4 cement concrete.30x30x40cm.	Nos	10		
15.2	Steel Pole Markers including grouting with 1:2:4 cement concrete 45x45x60CM	Nos	10		
16.0	Painting and Stenciling of Markers/DRS/MRS/Fencing/Pipeline with sanding, Touchup Putty wherever required, Painting one coat primer, Surface & Two coats Spray Paint Epoxy or Duco.				
16.1	RCC Markers	Nos	5		
16.2	Steel Pole Markers	Nos	5		
16.3	GI Pipes ½ / ¾, / 1'	Meters	5		
16.4	Valve Chambers	Sq. Meters	5		
16.5	Box Type MRS/DRS	Sq. Meters	5		
16.6	Wall Mounted MRS	Sq. Meters	5		
16.7	Chain link Fencing	Sq. Meters	5		
16.8	MS Pipe of 4"/6"/8'	Sq. Meters	5		
17.0	Earthing Maintenance work				
17.1	Supply and Installation of chamber cover plate of size(400mmx400mm)	Nos	5		
17.2	25 kg Earthing compound bag	Nos	5		
17.3	Rod (Earthing copper bonded 17.2mm-3 mtr length)	Meters	5		
17.4	Supply and Installation of GI Streep 25x6 mm	Meters	80		
17.5	Repair of Chamber of existing Earthing Pit.	Nos	5		



18.0	Supply & Installation, Testing & Commissioning of C class GI pipes of approved make with painting/powder coated. This item shall be mostly used to take PNG connection from existing GI infra, however in case piping to be done to new house/building shall be done with same rate. Item includes all GI fittings of approved make, clamps, petzel and all tools, tackles , manpower complete.				
18.1	1/2 Inch	Meters	25		
18.2	3/4 Inch	Meters	25		
19.0	Domestic PNG connection				
19.1	Fixing of Meter with or without regulator for PNG consumers with all necessary fitting and fixture required. Meter and regulators are Free issue material.	Nos	25		
19.2	Providing, Fixing and Testing 12mm dia and 0.6mm thick copper pipe which shall be connected to meter and appliance valve for PNG customer. Item include clamping of the pipe to wall, brazing, bending of the pipe with proper bending die etc. complete,	Meters	25		
19.3	Providing & fixing Appliance valves for domestic PNG connection of approved make	Nos	50		
19.4	Providing & Fixing Isolation valve for Domestic PNG connection of approved make	Nos	50		



20.0
20.00
20.00

20.0	Conversion to start the supply to customer with changing the LPG stove nozzles of all make. The jobs needs to be done by skill person with all tools and tackles. The Suraksha hose needs to be changed as per requirement. If Suraksha hose is required to be changed than payment of same shall be paid through separate item in SOR. The item includes filling the conversion form and taking signature of the customer after taking initial reading of the meter etc. The rate quoted by the party shall be applicable for Entire RSGL and shall be inclusive of all material , manpower as well as transportation etc.	Nos	100		
21.0	Supply & Providing of GI sleeves with pedestal as per specification.	Nos	25		
22.0	Supply of Suraksha hose confirming to IS 9573 Type-4 with clamps and nozzles - For conversion to PNG up to 1.5 meters	Nos	50		
23.0	Supply of Un-Skilled Manpower as and when required basis. The rate shall be for 8 hrs. duty basis.	Man-Days	50		
23.1	Supply of Semi-Skilled Manpower as and when required basis. The rate shall be for 8 hrs. duty basis.	Man-Days	50		
24.0	Hiring of 01 nos office space for O&M office Kota Site . Carpet area of approx. 500 - 700 Sq ft & other details as per scope of work.	Months	12		
25.0	Making hole for GI/copper piping Core cutting in RCC, Brick wall, Granite etc. of required dia and depth for providing GI piping/ MDPE piping etc. with all necessary machine and Manpower etc. complete.				



25.1	Up to 50mm dia with all depth in RCC,BW, slab, chajja etc.	Nos	5		
25.2	Above 50mm dia with all depth in RCC slab, chajja BW etc.	Nos	5		
25.3	In kitchen slab up to 25mm dia in granite, Marbel, RCC etc.	Nos	5		
26.0	Providing and fixing MDPE valves of approved make				
26.1	32 mm	Nos	3		
26.2	63 mm	Nos	3		
26.3	90 mm	Nos	0		
26.4	125 mm	Nos	2		
27.0	Flushing & Nitrogen Purging, testing and commissioning of PE network. This item includes flushing the PE network (already Laid) with compressed air. Testing the network by holding pressure of 7 bar for 24 hrs. If there is drop in pressure, contractor is required to identify the leakage points and repair and make report. The cost of repairing is to be included in the item. Filling the PE network with Nitrogen (99% purity) holding the pressure up to 2 BAR for period of 4 hrs.				
27.1	32 mm	Meters	5		
27.0	63 mm	Meters	10		
27.3	90 mm	Meters	0		
27.4	125 mm	Meters	10		
28.0	Hiring of Maintenance Van for Operation and Maintenance of various activities of O&M Office.				



28.1.1	Deployment of GPS enabled ERV cum maintenance vehicles: (four-wheeler- Mahendra Bolero Camper or equivalent for 24 hours services including driver, fuel, insurance, RTO, consumables and maintenance for Run 2500 Km per month basis including critical equipment and tools etc. Vehicle shall not be older than 01 years at the time of deployment and it will be customized as per the requirement of O&M office as per design and drawing given in details scope of work. All tools and tackles including critical equipment's related to ERV to be incorporated .Vehicle shall not be older than 01 years at the time of deployment.	Per-Month	12		
28.1.2	Charges for extra per Km are beyond 7500 km in 3 months. The extra Km shall be quarterly calculated	km	12000		
30	Patrolling of the pipelines (Steel + MDPE) laid by RSGL along with pipeline route on Two wheeler fitted with GPS to ensure no unauthorized third party digging along RSGL network. A report needs to be develop on daily basis regarding any activity noticed along RSGL network on daily basis. The item included manpower, 2 wheeler along with GPS (with web hoisting at Contractors office as well as RSGL control room), having Mid-level Budget Smart phone capable of smooth handling of RSGL GIS Software and Customer care software etc. and these manpower shall not be allowed to work or engage with any other party. They will also act as support for O&M Technicians in case of need. ((Coverage 2000 Km/ Month/Patroller inclusive of Fuel and other Charges))	km	150000		
31	SUPPLY OF SPARES & MAINTENANCE OF ICCP AT KOTA GA. (Automatic cathodic Protection Rectifier Unit, Manufactured by M/S Raychem RPG So. 11200-12G34)				
31.1	Power supply card	Nos.	1		
31.2	CVCC/Auto Card	Nos.	1		
31.3	Firing Card	Nos.	1		
31.4	Reference Electrode card	Nos.	1		



31.5	Driver card	Nos.	1		
31.6	SCR	Nos.	1		
31.7	Auxiliary Transformer	Nos.	1		
31.8	CT	Nos.	1		
31.9	Heat Sink Standard Size	Nos.	1		
31.1	Transducer	Nos.	1		
31.11	Relay card	Nos.	1		
31.12	Electrolyte capacitor	Nos.	1		
31.13	TR Shunt	Nos.	1		
31.14	Blider Resister	Nos.	1		
31.15	Digital Meter 42 x96 mm	Nos.	1		
31.16	Current Interrupter Non GPS	Nos.	1		
31.17	Current Interrupter GPS	Nos.	1		
31.18	Contactor	Nos.	1		
31.19	Fuse Link	Nos.	1		
31.20	Fuse Holder	Nos.	1		
31.21	POT	Nos.	1		
31.22	Reference Electrode Selector Switch	Nos.	1		
31.23	Reference Voltmeter Selector Switch	Nos.	1		
31.24	Toggle Switch	Nos.	1		
31.25	Variable Resister for AJB and CJB	Nos.	1		
31.26	LED	Nos.	20		
31.27	Meter Glass Fuse	Nos.	20		
31.28	Meter Glass Fuse Holder	Nos.	20		
31.29	Mother Board	Nos.	1		
31.30	Display Board	Nos.	1		
31.31	Lightening Arrester	Nos.	1		
31.32	Surge Suppressor(MOV)	Nos.	1		
31.33	ON Indicator Lamp	Nos.	1		
31.34	AJB/CJB Shunt	Nos.	1		
31.35	MCB	Nos.	1		
31.36	Auto TRF	Nos.	1		



31.37	Main TRF	Nos.	1		
31.38	Coke	Nos.	1		
31.39	SSPC	Nos.	1		
31.4	Surge Divertor	Nos.	5		
31.41	Portable CuCuSo4 Reference Electrode	Nos.	2		
31.42	Supply of Mg/Zinc Anode with Backfilling and cable (Wt-10 Kg)	Nos.	5		
32	Shifting of Manual Test Stations				
32.1	Shifting of Manual test station along with foundation and cable to suitable location as per the instruction of EIC (Excluding additional cable if required)	Nos.	5		
33	Repairing/Maintenance of Manual Test Stations				
33.1	Repairing of Manual Test Stations including supply and replacement of damaged door, door locks, terminal plate , diagram plate, neoprene gasket, brass links cable identification ferrules etc. in Manual Test Station with proper cable termination, cable jointing, lugs with numbering of Test Station complete in all respect including labour, tools, tackles, consumables like MS /brass bolts, nuts, washers, insulation tape etc.as per scope of work, specifications and the direction of EIC.	Nos.	51		
33.2	Painting of Manual Test station, ALJB & CJB including removing of old paint, rust etc., surface preparation to get the smooth level surface, supply and application of 01 coat of ready-mix red oxide primer of approved make, 02 coats of ready mixed first quality paint of approved brand. (Final dry paint thickness not less than 100 micron), Numbering of Test Station as per scope of work, specification and as per direction of EIC.	Nos.	51		



34	Repairing/Maintenance of ALJB				
34.1	Repairing of ALJB including supply of new locks and latch for the outer enclosure, shunt, variable resistance, brass links, ALJB doors including welding mechanical, fittings, hinges, labour, tools tackles, consumables like lugs, MS/Brass nuts, bolts, washers, insulation tape etc. complete in all respect as per approved drawings, specification and as per direction of EIC.	Nos.	2		
35	Maintenance of Existing Earth Pits				
35.1	Job includes supply of new GI Pipes, material and consumables, transportation of material and manpower, painting of top cover plates and numbering, recharging of earth pit by pouring sufficient salt, charcoal and water in it for bringing down the circuit resistance including making, necessary excavation, backfilling etc. complete in all respect and as per directions of EIC.	Nos.	22		
36	Chamber Repair of Earth Pits				
36.1	job includes reconstruction of Earth pit chamber with raising the height of civil foundation, repair of cement plastering, painting of top cover plates and numbering the earth pit, charging the earth pit with common salt 50 Kg and water 100L for bringing down the circuit resistance including making necessary excavation, mixing & pouring of salt & water, replacement & cleaning of connecting nuts and bolts, etc. complete in all respect and as per directions of EIC.	Nos.	22		



37
REPAIR & RECTIFICATION OF TR UNIT

37.1		Repair & Rectification of TR Unit					
37.1		To carry out breakdown maintenance of cathodic protection equipment like TR units. EIC will issue instructions for breakdown maintenance to be carried out. Immediately upon receiving such orders, the contractor shall make necessary arrangements and submit schedules thereof in line with the time frame given by the EIC. The scope of work includes tracing out the fault in the system, carrying out necessary repair and rectification, supply of component level spares for repairing the cards and making the unit operational in all respect. The contractor should attend the break down call with in 48 Hrs. Breakdown maintenance will be carried out by the contractor under the guidelines and instructions of the EIC and as per manual.		Nos.	2		
SUBTOTAL-PART-B							
TOTAL COST (PART-A + PART B)							
GST (To be quoted in %)							
Total Amount (Including GST) (in figures)							
TOTAL COST inclusive of all and GST(Rs.)							
TOTAL COST inclusive of all and GST(Rs.) in words							
NOTE-							
1. All item rates/prices quoted in SOR shall remain firm and fixed during the entire contract period (of 01 year) including extension period of Another one Year							
2. Bidder to quote prices for all items in each column (i.e., Unit & Total price) and ensure that total prices quoted is for complete scope as per terms and conditions of Tender document.							



3. Bidder quoting rates without considering the statutory payments applicable & payable to the service unit as specified in the SCC/Bid document shall be out rightly rejected.

4. Bidders are required to quote the rates strictly as per the above SOR format and not to use any other format. Any quote received in format other than the tendered SOR, they shall be summarily rejected.

5. If any bidder offers Suo-moto discount after opening of un-priced bids, such reduction / discounts shall not be considered for evaluation. However, if the bidder happens to be the lowest evaluated bidder without considering such discount, then benefit of discount will be availed at the time of award of work. No Conditional discount shall be

6. Any error in quoting taxes & duties to bidders account. Statutory Variation in taxes & duties during contractual completion period shall be to RSGL's account.

7. Bidder to clearly **indicate** 'Quoted' / 'Not Quoted' against each Sr. No. in the price column in the un-priced Schedule of Rates and submit the same in Un- priced part of the bid. Bidders to submit Price part of above Schedule of Rates in their Priced Bid.

8. A man-month is consisting of 26 days during a calendar Month