



Bhagyanagar Gas Ltd.

BHAGYANAGAR GAS LIMITED

(A JOINT VENTURE OF HPCL & GAIL)

BID DOCUMENT FOR

**Tender for carrying out T4S External Audit
for Hyderabad, Vijayawada and
Kakinada CGDs**

**UNDER LIMITED DOMESTIC
COMPETITIVE BIDDING IN SINGLE BID SYSTEM**

Bid Document No.: BGL/315/2016-17

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SECTION 7

SCOPE OF WORK

&

SPECIAL CONDITIONS OF CONTRACT

SCOPE OF WORK: -

Audit as per Technical Specification (T4S of PNGRB).

Bhagyanagar Gas Limited (BGL) is a Joint Venture of HPCL, GAIL (I) Ltd. & Govt. of AP. BGL is a City Gas Distribution company having its authorization in Hyderabad, Vijayawada & Kakinada by PNGRB. BGL is inviting bids from Third Party Inspection Agencies (TPIA) approved by PNGRB to conduct the audit as per the requirement of T4S (Technical Specification) of PNGRB (Petroleum and natural gas Regulatory Board) other codes of practice.

The scope of the consultancy services is for Audit as per PNGRB TS4 and other codes of practice for the BGL'S CGD's facilities operations in Hyderabad, Vijayawada & Kakinada. The technical audit as per PNGRB regulation & codes will include:

1. Only one Visit of audit team for each city is to be conducted.
2. The scope of technical audit will be done as per the approved checklist of PNGRB as per T4S Standards and various codes of practice/ safety and includes checking of the documentation, visit of the BGL's CNG facilities like Mother Station, Bus depots, Retail outlets; Steel Pipeline and MDPE network, domestic, industrial and commercial connections.
3. The Technical audit teams are to start their program by first visiting the BGL HO at Hyderabad where opening presentation will be deliberated about CGD facilities And discussions of TPIA as per the checklist (Annexure-I) (as in Vol I of II of Bid Document of PNGRB codes of practice. This is then to be followed by a program of location specific audits.
4. The overall objective of TPIA audit is to examine the compliance with respect to T4S standards and other codes of practice as given in PNGRB.
5. The TPIA shall be approved by PNGRB and shall produce the relevant validity certificate of approval from PNGRB.
6. TPIA auditor must be conversant with T4S specification and codes of practice.
7. TPIA Checklist is in three parts, namely;
 - a) Critical activities conformity.
 - b) General Conformity with T4S
 - c) General observations.
8. TPIA Audit team will specify status/answer to each serial No of Checklist given.
9. In case there is a non-conformity identified by TPIA, entity should specify the mitigation measures including Time limit, duly approved by PMC/TPIA/Technical head of the entity.

10.TPIA must enclose a separate sheet for non-conformity.

HYDERABAD CITY- Details of Facilities

Sl. No.	Particulars	Remarks
1	Name of the CGD Entity	BHAGYANAGAR GAS LIMITED
2	H.O. Address for Communication Telephone No. E-mail ID	Parisram Bhavan, APIDC Building, Basheerbagh, Hyderabad -04. 040-66566986
3	Control Room/Rooms Address Telephone No. E-mail ID	Sy. No. 1266, Opposite Law University, Beside Institute Of Public Enterprises, Shamirpet (Village & Mandal), Ranga Reddy (Dist.) – 500078. 9247021290 hydmotherstation@bglgas.com
4	Details of Geographical Area:	City Gas Distribution Network comprise as below-- 1. Steel Pipe Line Dia- 16”, Length – 30.86Km 2. Steel Pipe Line Dia – 4”, Length – 2.67Km 3. MDPE Pipe Line Dia 180 mm dia Length 235 m 4. MDPE Pipe Line Dia 125 mm dia Length 5794 m 5. MDPE Pipe Line Dia 90 mm dia Length 13596 m 6. MDPE Pipe Line Dia 63mm dia .Length 18083 m 7. MDPE Pipe Line Dia 32 mm dia Length 34051 m 8. MDPE Pipe Line Dia 20 mm dia Length 2670 m 9. Industrial Consumers 3 .Nos. 10. Commercial Consumer 2 Nos. 11. Domestic Consumer 1124 Nos. 12. CNG Station 21 Nos. a) Mother Station - 01nos. b) Online Station- 01nos. c) Daughter Station- 19nos. 13. DRS 3 Nos. Underground 0 Nos. Aboveground 3 Nos.
5	Total no. of CGS	Qty-1, Location - Shamirpet



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6	No. of Pressure Regulating Installations/DPRS (excluding consumer owned IPRS)	Qty-1, Location-Qutubullapur
7	Source/Sources of Supply of Gas	East- West Pipe line, RGTL (CS- 04, Pudur
8	Maximum operating pressure of the network (Primary, Secondary and Tertiary)	Primary Network Pressure - 49 bar Secondary Network Pressure - 4 bar Tertiary Network Pressure - 110 m bar/21 mbar
9	No. of mainline isolation valves in Steel Pipe Line Network & in PE Pipe Line Network	In Steel Pipe Line- 8 no's In MDPE Pipe Line -21 no's
10	No. of Major crossings (River)	Qty- Nil , Type of Crossing (HDD/Over Bridge) - Nil
11	No. of cased crossings - Railway/Highways	Railway, Qty- 01 No's, NH, Qty – 02 No's
12	No. of CP stations (TR units)	02 No's
13	Nos. of TLP & Spacing	44 No's
14	Nearest Facilities	Fire Station-Jeedimetla
15	Power system details for CGS	Transformer 630KVA (11KV/433V)
16	DG set details (Make, Capacity etc.)	Kirloskar Electric 20 Kva

VIJAYAWADA CITY- Details of Facilities

Sl. No.	Particulars	Remarks
1	Name of the CGD Entity	BHAGYANAGAR GAS LIMITED VIJAYAWADA
2	H.O. Address for Communication Telephone No. E-mail ID	BHAGYANAGAR GAS LIMITD, PARISRAMA BHAVAN, BASHEER BAGH, HYDERABAD-500004 040-66566986 www.bglgas.com
3	Control Room/Rooms Address Telephone No. E-mail ID	RS.NO.70, NEAR Y.V.RAO ESTATES,KOTTUR – TADEPALLI ROAD, VIDYADHARAPURAM,VIJAYAWADA-520012 0866-6515986,8885564676 bglmotherstation@yahoo.co.in
4	Details of Geographical Area:	Vijayawada City Gas Distribution Network comprise as below--- <ol style="list-style-type: none"> 1. Steel Pipe Line Dia-12” Length-8.72Km 2. Steel Pipe Line Dia-04” Length-4.61Km 3. Steel Pipe Line Dia..... Length..... 4. Steel Pipe Line Dia..... Length..... 5. MDPE Pipe Line Dia-180 mm Length-0.026Km 6. MDPE Pipe Line Dia-125 mm Length-6.633 Km. 7. MDPE Pipe Line Dia-63 mm Length-5.408 Km 8. MDPE Pipe Line Dia-32 mm Length-12.194 Km 9. MDPE Pipe Line Dia-20 mm Length-1.636 Km 10. Industrial Consumers -NIL 11. Commercial Consumer -03 Nos.(Not in use) 12. Domestic Consumers - 185 Nos. 13. CNG Station - 08 Nos. a)Mother Station-01 no. b) Online Station-03 nos. c) Daughter Booster Station- 04 nos. 14. DRS-01 No. Underground-NIL. Aboveground-01 No.
5	Total no. of CGS	01, CNG Mother station, Vijayawada

6	No. of Pressure Regulating Installations/DPRS (excluding consumer owned IPRS)	01, Ajitsingh nagar
7	Source/Sources of Supply of Gas	GAIL(I) Limited (GAIL-Lanco Terminal Kondapally)
8	Maximum operating pressure of the network (Primary, Secondary and Tertiary)	Primary Network Pressure-25 Kg/cm ² Secondary Network Pressure-4 Kg/cm ² Tertiary Network Pressure -21 mbar
9	No. of mainline isolation valves in Steel Pipe Line Network & in PE Pipe Line Network	In Steel Pipe Line-03(12”Dia P/L-02 nos. & 4”Dia P/L-01 no.) In MDPE Pipe Line-09 nos.
10	No. of Major crossings (River)	03 no., Type of Crossing (HDD/Over Bridge): HDD -(12” P/L-02nos. & 4”P/L-01no.)
11	No. of cased crossings - Railway/Highways	Railway crossings-05 nos (12” Dia P/L- 01no. & 4” Dia P/L- 04nos.) Road Crossings-02 nos.(4” Dia P/L-02nos.)
12	No. of CP stations (TR units)	01 no.
13	Nos. of TLP & Spacing	24 nos.
14	Nearest Facilities	Fire station-02 kms; Police station-03 kms ;Hospital-07 kms Major industry- Lanco-Kondapally
15	Power system details for CGS	HT, CMD-100 KVA
16	DG set details (Make, Capacity etc.)	Make: Kirloskar capacity:180 KVA

KAKINADA CITY- Details of Facilities

Sl. No.	Particulars	Remarks
1	Name of the CGD Entity	BHAGYANAGAR GAS LTD
2	H.O. Address for Communication Telephone No. E-mail ID	BHAGYANAGAR GAS LTD, 2 nd Floor, APIDC Building, Parisrama Bhavan, Basheer Bagh, Hyderabad-500004 Ph No:040-66565096
3	Control Room/Rooms Address Telephone No. E-mail ID	BHAGYANAGAR GAS LTD, CGS Cum Mother Station, Plot No:24-B, Vakalapudi Industrial Park, Kakinada-533005. Ph No:0884-6568666
4	Details of Geographical Area:	Kakinada City Gas Distribution Network comprise as below--- 1. Steel Pipe Line Dia -10”-Length -8.46Km 2. Steel Pipe Line Dia- 4”-Length-0.7Km

		<p>3. MDPE Pipe Line Dia 125mm .Length-19.28Km 4. MDPE Pipe Line Dia-63mm.Length-28.23Km. 5. MDPE Pipe Line Dia-32mm.Length-79.21Km. 6. MDPE Pipe Line Dia-20mm.Length-34.18Km.</p> <p>7. Industrial Consumers.....Nil.....Nos. 8. Commercial Consumer.....40.....Nos.(Not Operational) 9. Domestic Consumers-2420 Nos. 10. CNG Station - 4.Nos. a) Mother Station...1.....nos. b) Online Station.....1...nos. c) Daughter Station...2.. nos. 11. DRS.....1.....Nos. Underground.....Nil.....Nos. Aboveground - 1..Nos.</p>
5	Total no. of CGS	Qty.....1.....,Locations.....CGS Cum Mother station,Vakalapudi.
6	No. of Pressure Regulating Installations/DPRS (excluding consumer owned IPRS)	Qty.....1.....,Locations..... CGS Cum Mother station,Vakalapudi....
7	Source/Sources of Supply of Gas	M/s GAIL(India) Ltd,
8	Maximum operating pressure of the network (Primary, Secondary and Tertiary)	Primary Network Pressure: 16Bar Secondary Network Pressure: 3.8Bar Tertiary Network Pressure: 21mbar
9	No. of mainline isolation valves in Steel Pipe Line Network & in PE Pipe Line Network	In Steel Pipe Line-4No In MDPE Pipe Line-82No
10	No. of Major crossings (River)	Qty Nil.
11	No. of cased crossings - Railway/Highways	Road: 2,Railway : 1
12	No. of CP stations (TR units)	Nil
13	Nos. of TLP & Spacing	36,1Km
14	Nearest Facilities	IOCL, Storage Facility
15	Power system details for CGS	250KVA transformer
16	DG set details (Make, Capacity etc.)	Kirloskar,200KVA

(C) TIME SCALE:

Bidder/TPIA shall provide the services of Technical Audit in all the three Locations as per the scope of work within **one months' time**. It is estimated that total of one month may be required to complete the technical audit by TPIA including the site visit and preparation of



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draft and final report. The Time schedule includes reporting for work within one week from the date of LOI.

(D) ACCOMADATION AND TRANSPORTATION

In the scope of the TPIA/Bidder/Contractor, including Boarding and lodging, travel time, local conveyance for Auditing/ visiting RO/Pipeline route etc.

(E) PAYMENT TERMS:

The Payment shall be made to the contractor/vendor after carrying out the complete work of third party technical audit as per PNGRB of mentioned facilities in the scope of work and contract and submission of final report to EIC. The payment shall be released within 15 days after getting the final reports and successful, satisfactory and timely completion of work.

(F) PERFORMANCE BANK GUARANTEE: Not Applicable.

(G) PRICE REDUCTION SCHEDULE: Not Applicable.

(H) TAXES & DUTIES:

Income tax at the prevailing rate as applicable from time to time shall be deducted from contractor's bills as per Income tax Act, and quoted rates shall be deemed to include this.

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 in force and hereafter increased, imposed or modified from time to time in respect of works and materials. The prices shall also be inclusive of Sales tax but exclusive of Service Tax on works contract / Trade tax / turnover tax as applicable. Owner shall make from contractors bills such tax deductions as are required as per rules and regulations in force from time to time.

SERVICE TAX:

The quoted rates shall be inclusive of all taxes and duties applicable as per statutory regulations during the contract period except for service tax & education cess thereon service tax & cess thereon shall be paid extra, if applicable, on submission of documentary evidence/ invoice(s).

The bidder shall indicate in the bid the service tax registration number and in case the service tax registration number is not available, the bidder will give confirmation for obtaining registration with a copy of application for registration.



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SECTION 8

SCHEDULE OF RATES (SOR)



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SCHEDULE OF RATES

Item No.	Service Description	UOM	Qty.	Amount (Rs)
1	HIRING OF CONSULTANCY SERVICES FOR THIRD PARTY TECHNICAL AUDIT OF CITY GAS DISTRIBUTION FACILITIES OF BHAGYANAGAR GAS LTD IN HYDERABAD, VIJAYWADA & KAKINANADA AS PER REQUIREMENT OF PNGRB,T4S SPECIFICATION AND VARIOUS CODES.	LS	1	
	SERVICE TAX @ 14.5%			
	TOTAL AMOUNT INCLUSIVE OF ALL TAXES AND DUTIES. Rs.			

Note:

1) The bidders shall mention the amount and rate of service tax clearly, if applicable, If the same is not mentioned, the quoted price shall be deemed to be including the applicable tax (as on date of bid submission) in accordance to Service Tax stipulations made under Quoted price in RFQ.