



Tender for Annual Rate Civil Works Contract for
Operation & Maintenance Activities of MDPE/Steel
Pipeline in Hyderabad.

Vol II of II

Bid Document No. BGL/245/2014-15



BHAGYANAGAR GAS LIMITED

(A JOINT VENTURE OF HPCL & GAIL)

BID DOCUMENT FOR

**TENDER FOR ANNUAL RATE CIVIL WORKS CONTRACT FOR
OPERATION & MAINTENANCE ACTIVITIES OF
MDPE/STEEL PIPELINES IN HYDERABAD**

**UNDER LIMITED DOMESTIC
COMPETITIVE BIDDING**

Bid Document No.: BGL/245/2014-15

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SECTION-7

SCOPE OF WORK



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SCOPE OF WORK

- 1 The scope of work in brief is herewith given below, includes supply of all materials, tools, tackles, labour, equipment required to perform the works, including testing, supervision, taxes etc; but is not limited to the following:
 - 1.1 Supply, fabrication and Installation of ROU RCC Route Markers and Structural Steel Warning Markers all along the pipeline as per the direction of BGL.
 - 1.2 Construction of Valve Pit Chambers for MDPE Pipeline.
 - 1.3 Removal of Vegetation along the 16" & 4" Dia. Natural Gas Pipeline as per specification and instruction of BGL.
 - 1.4 Restoration of Roads after providing domestic / Commercial Connection to its original condition as per specification.
 - 1.5 **Miscellaneous Jobs:** Providing necessary manpower for carrying out miscellaneous works on need basis like excavation, backfilling, shifting of materials, loading, unloading, cleaning and grass cutting etc., as per requirement of BGL in Medchal, Alwal, Suchitra and Chintal area of Hyderabad with all tools and tackles as required for the completion of works.
 - 1.6 The scope of work in general will be in various areas of Hyderabad like, Shameerpet, Medchal, Athvelly, Colonies along NH – 44, Alwal, Kompally, Suchitra and Chintal.

Note:

- The Scope includes supply of all materials, construction, and installation and testing, Supervision, Manpower, tools, tackles and machinery required to perform the works.
- The bidder must mobilize adequate manpower for/ at all the sites and as and when desired by BGL.
- The quantities given above against individual items/ SORs are indicative and shall not be considered to be binding. The quantities may increase or decrease at site at the time of actual execution and as per the discretion of Owner / Engineer-in-charge. The unit rate shall be operated to work out the final payment due to Contractor.
- BGL reserves the right to operate any SOR for the full quantities or part quantities or nil quantities as per the site conditions. In this case; BGL's decision will be final and binding.



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SECTION-8

SPECIAL CONDITIONS OF CONTRACT



SPECIAL CONDITIONS OF CONTRACT

1.0 GENERAL INFORMATION:-

The special conditions of contract shall be read in conjunction with general condition of contract(GCC), Schedule of rates, scope of work and any other document forming part of contract, wherever Context so Requires. **GCC** is available at tender issuing office and same shall be referred to by Tendered. Notwithstanding, the subdivisions of the documents in to separate sections every part of each shall be deemed to b supplementary of every other part and shall be read with and into the Contract so for as it may be practicable to do so. Where any portion of the special conditions of the Contract (**SCC**) is repugnant to or At variance with any provisions of the **GCC** then provision of **SCC** Shall be deemed to override the provision of **GCC** only to the extent of each repugnance or variations.In case of any contradictions the Decision of the Engineer-In-Charge will be final and binding on the Contractor.

2.0 SITE INFORMATION:-

Various areas of Hyderabad like, Shameerpet, Medchal, Athvelly, Colonies along NH – 44, Alwal, Kompally, Suchitra and Chintal.

3.0 WORK SPECIFICATION:-

All the specifications for the work shall be as per scope of work & schedule of rates which are self explanatory. However, whenever required Modifications / Alterations will be done as per the Site / Operation requirement and the decision of the Engineer–In-Charge shall be final and binding on the Contractor.

4.0 CONTRACT VALUE:-

The value of work under this contract shall be as per quantities mentioned in the **SOR**. Actual work may vary to any extent plus or minus to the attached quantities. The Minimum value of work will be as mentioned in the **SOR**. The quoted rates comply all statutory taxes and duties during the period of contract.

5.0 CONTRACT PERIOD:-

The Contract shall be Valid for Period of 1Year from the date of award of work.

6.0 TRANSPORTATION OF ALL MATERIALS:

Shall be arranged by the contractor on his own and no separate payment shall be paid. It should be included in the offered rate.

7.0 ALL MANPOWER, MACHINERIES TOOLS & TACKLES:

Equipments, tools/tackles, machinery , labour ,manpower, royalties etc for the work shall be in the scope of contractor.



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8.0 MOBILIZATION PERIOD:

02 weeks from date of intimation by BGL–EIC for each specific task/activity.

9.0 TIME COMPLETION OF EACH TASK/ ACTIVITY :

Time for Completion shall be assigned by EIC depending on quantum of work.

10.0 DEFECT LIABILITY PERIOD:

One year from the date of completion of entire work in all respects.

11.0 PRICE REDUCTION SCHEDULE (PRS):

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 article 26 of GCC; or due to EMPLOYER's defaults, the Total Contract price for each release order shall be reduced by ½ % per complete week of delay or part thereof subject to a maximum of 5 % of individual release order, 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.

PRS shall be applicable on basic price excluding service tax.

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

12.0 PBG/SECURITY DEPOSIT:

The CONTRACTOR shall furnish to the EMPLOYER, within 15 days from the date of notification of award, a security in the sum of 7.5% of the contract value (excluding taxes & duties if mentioned separately), in the form of a Bank draft/Banker's cheque or Bank Guarantee (as per proforma enclosed) as Contract Performance Security with the EMPLOYER which will be refunded after the expiry of DEFECTS LIABILITY PERIOD.

Contract Performance Security shall be in favour of 'Bhagyanagar Gas Limited', payable at Hyderabad, Andhra Pradesh.

Upon non submission of PBG/SD, BGL may deduct the SD amount equivalent to BG from the 1st RA bill.

13.0 PAYMENTS:

100% Payment shall be made after completion of respective works of SOR with due acceptance of Engineer-In Charge. The Payment shall be made thru monthly RA bills.

14.0 TERMS OF PAYMENTS:

Payment shall be made to the contractor for the actual quantities of work Executed as per the schedule of rates issued along with the work order,



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against invoice supported by work measurement sheets duly Signed by EIC & contractor, inspection reports, material test, certificate, Drawings, as built drawings duly certified by EIC/ or his representative. The payment shall be released through cheque.

15.0 SERVICE TAX:

It may be noted that the responsibility of payment of Service tax lies with the contractor only.

In case of Service tax is applicable for the tendered work, the contractor shall claim the service tax indicating rate of abatement/deduction allowed as per "Service Tax Act" in the 1st Invoice itself. Contractor providing taxable service shall issue an Invoice/Bill serially numbered and shall contain the following:-

- a) Name and address and Service tax Registration No of service provider
- b) Name and address of the taxable service receiver,
- c) Description, Classification and value of taxable service provided,
- d) Service tax amount

The above details are required to enable BGL to avail Cenvat credit for the service tax payment.

Payments to Service provider for claiming service tax amount will be made provided above formalities are fulfilled only. In case of any statutory variation in Service tax during the currency of the contract, the contractor shall submit a copy of Government notification to evidence the rate as applicable on the date of submission of bid and on the date of revision. Claim for payment of service tax/statutory variation in service tax, should be raised within two(2) months from the date of issue of Government Notification for payment of differential service tax, otherwise claim in respect of above shall not be entertained for payment of arrears.

16.0 TAXES, DUTIES, OCTROI, LEVIES ETC.:

The quoted rates/ prices shall be deemed to be including of all taxes including sales tax work contract tax, octroi, levies , over-head charges etc till completion of the contract and contractor shall not be eligible for any compensation on this account.

17.0 PRICE BASIS:

The quoted rate shall be firm and valid till the complete execution of the order. No escalation on what-so-ever account shall be paid under this contract.



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SECTION-9

SCHEDULE OF RATES



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SCHEDULE OF RATES

S.No	Description of item	Unit	Qty	Unit Rate	Total Amount inclusive of all taxes & duties excluding Service Tax (Rs.)
1	Earth work in excavation in all kinds of soil except rock in any plan dimension up to 1.5 M depth, backfilling with excavated good earth in ground foundation in layers, watering, compaction, including disposal of unwanted excavated earth up to any lead in all conditions, and disposal of surplus and unserviceable earth. Soil to be leveled and neatly dressed complete in all respect as per scope of work, detailed construction drawings, as per technical specifications and directions of the Engineer-in-charge.	Cu.m	35.00		
2	Plain Cement Concrete(PCC)				
	Providing, laying in position, construction and handing over of PCC 1:2:4 in foundations, substructure and under floor including shuttering inserts/ anchor bolts, sleeves, paint on surfaces in contact with soil etc complete in all respects as per scope of work, detailed construction drawings, technical specifications and direction of Engineer-in-charge.				
a	PCC 1:2:4 [1 Cement : 2 coarse sand : 4 stone aggregate 20 mm nominal size]	Cu.m	5.00		
3	Supplying and filling Sand / crusher dust in 150 mm 2 No's thick layers watering, rolling, ramming, consolidating and dressing the surface including	Cu.m	30.00		

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	cost of sand (zone-II/Zone-III sand only) complete in all respect as per scope of work, detailed construction drawings as per technical specifications and directions of the Engineer-in-charge.				
	Note				
	[1. Rate to include cost of all labour, tools, tackles, equipment, hire charges, all leads, transportation, loading/unloading, levies towards disposal of surplus/unserviceable earth, borrow earth including compaction and making required slopes and berms, working space etc. with all bye works and sundry works.				
	[2. Only plan dimensions as per drawing and true levels & net volume after compaction are measurable for payment purpose.]				
4	RCC (M20)				
	Providing, laying in position, construction and handing over of RCC M20 in foundations, substructure, Super structure and under floor including shuttering inserts / anchor bolts, sleeves, etc complete in all respects as per scope of work, detailed construction drawings, technical specifications and direction of Engineer-in-charge.	Cu.m	15.00		
	[1. Rate to include cost of all labour, tools, tackles, equipment, hire charges, supply of all materials such as minimum 43 grade cement, coarse sand and coarse aggregates, other minor construction materials, grouting, insert steels, pipes, shuttering, staging, shoring/strutting, bitumen painting, finishing, curing,testing etc. & backfilling all bye works and sundry works.				
5	Reinforcement steel				
	Supplying and Fabricating and Fixing in position HYSD Steel Reinforcements/ TMT Grade Fe-415 conforming to IS1786-1985	KG's	150.00		

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	<p>at all levels and positions including the Cost of transport, Straightening, Cutting, Bending, Cranking, Binding, Welding, Provision of necessary Chairs and Spacers, Preparation of bar bending schedule Drawings, getting the same approved etc., as per Drawings and Specifications and including Cost of binding wire, Labour etc., all complete in all respects as per scope of work, detailed construction drawings, technical specifications and direction of Engineer-in-charge. The chairs and spacer bars provided will not be Measured for payment.</p>				
	<p>[1. Rate to include cost of all labour, tools, tackles, equipment, hire charges, supply of all materials such as steel Reinforcement, binding wire and other minor construction materials, testing etc. all bye works and sundry works.]</p>				
	<p>2. Chairs, laps, spacers, wastage etc. shall be to contractor's account.]</p>				
<p>6</p>	<p>Structural steel fabrication</p>				
	<p>Supplying, Fabricating & Erecting in position Steel structures fabricated out of MS Girders, channels, Tees, angle, flats, plate etc. confirming to IS:2062 and/or from pipes confirming to IS:1161 for structural purpose for temporary sheds,etc. of any size/dia for required design including cutting, welding, bolting, hoisting, fixing in position, including application of one coat of primer at shop and second coat of primer at site after erection and two coats of synthetic enamelfinish paint with colour approved by BGL at site. The work is to be completed in all respect as per</p>	<p>KG's</p>	<p>170.00</p>		



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	specification, scope of work, detailed construction drawings and directions of the EIC.				
	[Rate to include cost of all labour, nut, bolts, tools, tackles, hire charges royalties, levies, transportation, scrap value, gas cutting, welding, other consumables, paints, compressed air, water, electric power etc, all complete]				
7	SFRC Covers				
	Square Shape 560 mm clear opening, precast RCC Manhole cover with frame - HD - 20 as per IS - 12592 including transportation, loading, unloading, levelling, compaction, fixing at valve pit opening and all associated civil works such as excavation in all types of soil, construction in all types of soil and grouting with concrete, clearing, curing, restoration of area to original condition and performing all works as per drawing, specification and instruction of engineer-in-charge.	Each	10.00		
8	Permanent Markers				
i)	Supply and fabrication of all types of permanent route markers for the route including all associated works such as application of approved colour and quality of primer and paint, embosing for numbers, direction, etc., performing all works as per drawing, specification and instruction of engineer-in-charge.				
a	RCC Boundary Pillers	Each	200.00		
b	Structural Steel Warning Marker	Each	20.00		
	[1. Rate to include cost of all labour, tools, tackles, equipment, hire charges, supply of all materials with all bye works and sundry works].				
	[2. Embosed portion to be painted with radium colours for				

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	better visibility at days and nights. No separate payment for radium painting will be done].				
ii)	Installation of all types of permanent route markers along the route including transportation, loading, unloading, levelling, compaction and all associated civil works such as excavation in all types of soil, construction in all types of soil, construction of pedestals and grouting with concrete, clearing, curing, supply and application of approved colour and quality of primer and paint, embosing for numbers, direction etc., restoration of area to original condition and performing all works as per drawing, specification and instruction of engineer-in-charge.				
a	RCC Boundary Pillers	Each	150.00		
b	Structural Steel Warning Marker	Each	10.00		
	[1. Rate to include cost of all labour, tools, tackles, equipment, hire charges, supply of all materials with all bye works and sundry works].				
9	Restoration of Roads				
	Providing construction and handing over of 150 mm thick RCC 1:1:2 (Nominal mix strength not less than 25 N/mm ² conforming to IS) over 100 mm thick PCC (1:3:6) & 400 mm thick Sand Pad including reinforcement steel complete in all respects as per scope of work, detailed construction drawings, technical specifications and directions of the Engineer-in-charge.	Sq.M	40.00		
	[1. Rate to include cost of all labour, tools, tackles, equipment, hire charges, supply of all materials such as minimum 43 grade cement, concrete, R/F steel, earth work in excavation in cutting earth in all conditions, shuttering, expansion joint, PCC etc. with all bye works and sundry works].				

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10	Removal of Vegetation along Pipeline Route				
	Cleaning along the pipeline route which includes removal of small plants, grass, vegetation on call basis as per specification and directions of Engineer-in-charge.	RM	90000.00		
	[1. Rate to include cost of all labour, tools, tackles, equipment, hire charges, supply of all materials with all bye works and sundry works].				
11	Miscellaneous Job				
a	Providing Unskilled labour for miscellaneous nature works as and when required for excavation, removal of vegetations at SV, Store Yard as per the instruction of Engineer-in-charge.	Mandays	80.00		
b	Providing Skilled labour for miscellaneous nature works as and when required as per the instruction of Engineer-in-charge.	Mandays	20.00		
	[1. Rate to include cost of all labour, supervisor, tools, tackles, equipment, hire charges, supply of all materials with all bye works and sundry works].				
TOTAL					
Service Tax @					%
GRAND TOTAL(Incl. of All Taxes & Duties)					