

**CORRIGENDUM-I**

March 05, 2016

**Ref. Tender No. BGL/305/2015-16 dated 01.03.2016**

**Sub: Tender for Structural, Mechanical & Electrical works for construction of daughter booster station (DBS) in Vijayawada for CGD projects.**

**This is for general information to all bidders that the Schedule of Rates (SOR) is revised as attached as Annexure- I.**


**Bidder shall take in to account the above while submitting their bid.**


**The Corrigendum – I shall form the integral part of the tender document.**

**All other Terms and Conditions of the tender document shall remain unaltered**

**Enclosed: Annexure-I**

**For and on Behalf of  
M/s. Bhagyanagar Gas Limited**

**Bonny Joseph  
Dy. Manager (C&P)**  


 <b>BHAGYANAGAR GAS LIMITED</b>	<b>Tender for Structural, Mechanical &amp; Electrical works for construction of daughter booster station (DBS) in Vijayawada for CGD projects.</b>	<b>VOLUME II OF II</b>
<b>Bid Document No. BGL/305/2015-16</b>		

**Annexure-I**

**SCHEDULE OF RATES (SOR)**

Sr. No.	Work Description and Supply	Unit	Qty.	Unit Rate (Rs)	Total Amount (Rs)
	<b>Structural, Mechanical &amp; Electrical works for construction of daughter booster station (DBS) in Vijayawada</b>	-1	-2	(3)	(4)=(2) X (3)
1	<b><u>STEEL WORKS (Dispenser safety guard)</u></b>				
1.1	Supply, fabricating and fixing Dispenser Safety Guards made of 100 NB Stainless steel Guard and 50 NB Heavy Duty GI pipes conforming to IS-1239, necessary welding of joints and lugs etc. as per drawing attached, grouted with M20 grade concrete including making of pockets of size 300mmx300mmx350mm deep in concrete pavement and applying two coats of approved synthetic enamel paint over two coats of primer, as per direction of engineer-in-charge.	RM	15		
	<b><u>Temporary Steel Structure Canopy for Dispenser</u></b>				
	Rate to include cost of all labour, tools, tackles, equipment, hire charges, supply of all materials to complete the all respective works etc.				
1.2	Supply, Fabricating and erecting in position at all levels bolted and/or welded Steel trusses made up of tubular pipe, cleat, tubes purlin including cutting, hoisting fixing in position and applying a priming coat of approved steel primer, welded and bolted including special shaped washer etc. specifications and direction by Engineer-in-charge. All other consumables required to complete all the jobs to be supplied by the bidders.	MT	1.5		
	Rate to include cost of all labour, tools, tackles, equipment, hire charges, supply of all materials to complete the all respective works etc.				





BHAYANAGAR GAS  
LIMITED

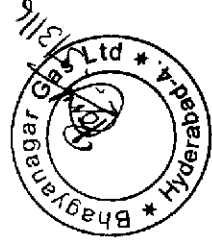
Tender for Structural, Mechanical & Electrical works for  
construction of daughter booster station (DBS) in Vijayawada for  
CGD projects.

VOLUME  
II OF II

Bid Document No. BGL/305/2015-16

Annexure-I

		TOTAL AMOUNT OF STRUCTURAL WORKS: (i)		
		SERVICE TAX @ 5.8% : (ii)		
		TOTAL AMOUNT OF STRUCTURAL WORKS ( Inclusive of All Taxes and Duties) – A=(i + ii)		
Sr. No.	Work Description and Supply	Unit	Qty.	Unit Rate (Rs)
		-1	-2	(3)
				(4)=(2) X (3)
2	<b>MECHANICAL WORKS ALL INCLUDED AS PER SPECIFICATIONS AND DRAWINGS</b>			
2.1	<b>Works related to Static Cascades, Compressors &amp; Dispensers</b>			
	Receiving and taking over, handling, loading, transportation and unloading of following items from Owner's designated stockyards to site including mapower & Equipment supply, tools & tackles etc to require for complete the works.Erection / Installation on Civil foundation and hooking up at all Height including with associated facilities for followings including mapower & Equipment supply, tools & tackles etc to require for complete the works.			
2.1.1	Stationary Cascade - 3000 WLC	Nos	1	
2.1.2	Dual Arm Car Dispenser	Nos	1	
2.2	<b>Stainless Steel Tubing works from compressor out let to various equipment facilities.</b>			
	Supply of ManPower and required tools and tackles for laying ss tubing.	Man Days	7	
2.3	<b>GI pipe works as per tender specification &amp; site requirements (From air compressor to Dispenser)</b>			





BHAGYANAGAR GAS  
LIMITED

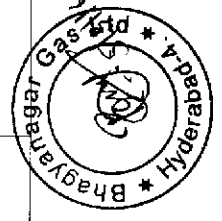
Tender for Structural, Mechanical & Electrical works for  
construction of daughter booster station (DBS) in Vijayawada for  
CGD projects.

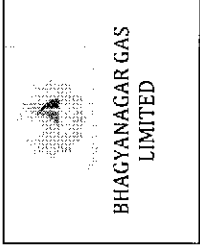
VOLUME  
II OF II

Bid Document No. BGL/305/2015-16

Annexure-I

	<p>Complete works of supply and Procurement of Heavy Duty GI Pipes ( Sizes : 1/2" , 3/4" &amp; 1" ) conforming to IS 1239, All sizes fittings, All type &amp; Sizes of valves and fabrication, installation, erection, Hydrotesting, Dewatering, Pneumatic testing at 7 bar, installation on Structural Supports or tray or in trench &amp; commissioning of system (Excluding Civil works) as per detailed scope of works mentioned in the tender.</p>			
	<p>Cleaning and flushing by water/ compressed air, testing of the system including hydrostatic, pneumatic and any other type testing as specified, draining approved by OWNER / PMC.</p>			
	<p>Completion of all such work in all respects as per scope of work and as per drawings, specifications and instructions of the OWNER /PMC and keeping the system ready in all respects for commissioning.</p>			
	<p>Hook up and works up to battery limit.</p>			
	<p>Preparation of fabrication drawings, bill of materials as per specifications, drawings and instructions of the PMC.</p>			
	<p>Preparation &amp; submission of as-built drawings and documents as per tender specification requirement.</p>			
2.3.1	<p>1/2" GI Pipes ( Heavy Duty conforming to IS 1239 with fittings &amp; Valves)</p>	Meter	25	
2.3.2	<p>3/4" GI Pipes ( Heavy Duty conforming to IS 1239 with fittings &amp; Valves)</p>	Meter	20	
Note :				
1	<p>The above quantities are tentative and may vary depending upon site condition, methodology adopted as per site requirement with due approval of Owner / Consultant. Unit rate shall be paid for an additional quantities.</p>			
2	<p>Lumpsum rate are for complete package. No additional claim shall be paid.</p>			





**BHAGYANAGAR GAS LIMITED**

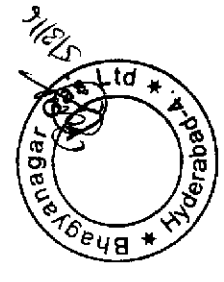
**Tender for Structural, Mechanical & Electrical works for construction of daughter booster station (DBS) in Vijayawada for CGD projects.**

**VOLUME II OF II**


**Bid Document No. BGL/305/2015-16**

**Annexure-I**

3	Above Rates are inclusive of all Taxes, Levies, Octroi, etc... as per the prevailing norms & subject to change without notice.				
4	Transportation, Insurance, Conveyance, Communication, Food, etc...are included in the above.				
5	BIDDER shall have to comply all prevailing Statutory / Liaisoning part at his cost & risk.				
6	Acquisition, handling, transportation, storage of owner's free issue materials from owner's designated store to work site shall be included in above SOR wherever applicable.				
<b>TOTAL AMOUNT OF MECH WORKS: (i)</b>					
<b>SERVICE TAX @ 5.8%: (ii)</b>					
<b>TOTAL AMOUNT OF MECH WORKS (Inclusive of All Taxes and Duties) – B=(i+ ii)</b>					
<b>ELECTRICAL WORKS ALL INCLUDED AS PER SPECIFICATIONS AND DRAWINGS</b>					
Sr. No.	Work Description and Supply			Unit Rate (Rs)	
				Supply (S)	Erection(E)
3.1	Supply, laying, testing and termination of PVC insulated, PVC sheathed, 1100V grade FRLS cable of following size , steel armoured, stranded Copper/Aluminium conductor cable of following sizes & type in surface trench/on wall/structural surface/in G.I. Pipes/conduit as per the specifications and directions of Engineer_ in charge	-1	-2	(3)=(S)+(E)	(4)=(2) X (3)
3.1.1	3C x 2.5 sq.mm Cu YWY FRLS Armoured cable	M	25		

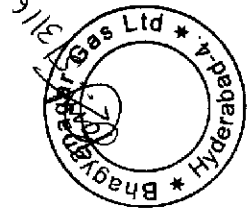


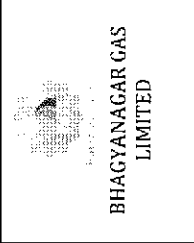


 <b>BHAGYANAGAR GAS LIMITED</b>	<b>Tender for Structural, Mechanical &amp; Electrical works for construction of daughter booster station (DBS) in Vijayawada for CGD projects.</b>	<b>VOLUME II OF II</b>
<b>Bid Document No. BGL/305/2015-16</b>		

**Annexure-I**

3.9	Supply, fixing, testing and commissioning of MCB box with 20A, 230V, 2 Pole MCB if required as per approved make and specification	No	1		
3.10	<b>Supply and Laying of Rubber Mat for Electrical Safety, of standard size (10 m length x 1 m wide x 12mm thickness) and conforming to the relevant Indian Standards at various CNG Stations as informed by BGI, site Engg.. Contractor shall submit the Manufacturers# Test Certificate for the Rubber Mats installed.</b>	No	1		
3.11	Supply, fixing, wiring, testing and commissioning of Switch Fuse Unit(SFU) of 250 Amp.	No.	1		
<b>TOTAL AMOUNT OF ELECTRIC WORKS: (i)</b>					
<b>SERVICE TAX @ 5.8%:(ii)</b>					
<b>TOTAL AMOUNT OF ELECTRIC WORKS (Inclusive of all taxes and duties) – C: (i +ii)</b>					
<b>TOTAL AMOUNT OF STRUCTURAL, MECHANICAL &amp; ELECTRICAL WORKS FOR ONE DAUGHTER BOOSTER STATION ( Inclusive of All Taxes and Duties):(D)= (A+B+C)</b>					
<b>TOTAL AMOUNT OF STRUCTURAL, MECHANICAL &amp; ELECTRICAL WORKS FOR TWO DAUGHTER BOOSTER STATION (Inclusive of All Taxes and Duties) : (E) =(D x2)</b>					





**BHAGYANAGAR GAS LIMITED**

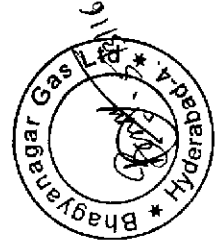
**Tender for Structural, Mechanical & Electrical works for construction of daughter booster station (DBS) in Vijayawada for CGD projects.**

**VOLUME II OF II**


**Bid Document No. BGL/305/2015-16**

**Annexure-I**

Sl. No	Work Description and Supply	Unit	Qty.	Unit Rate (Rs)	Total Amount (Rs)
	<b>Civil &amp; Mechanical Works at RTC Deport Governorpct, Vijayawada</b>	-1	-2	(3)	(4)=(2) X (3)
	<b>CIVIL WORKS</b>				
<b>4</b>	Supply and laying REINFORCED CEMENT CONCRETE OF M-25 Grade , with 20 mm & down size graded crushed stone aggregates/ gravel in SUB-STRUCTURE of all types e.g. equipment foundations, vibrating, tamping, curing (Including the cost of REINFORCEMENT and SHUTTERING) for all depths below and upto plinth level in any shape, position and thickness etc. all complete as specified, shown and directed by Engineer-in-charge.	M3	12.25		
<b>5</b>	Supply and laying Plain Cement Concrete for all depths below and up to plinth level in foundations, drains, fillings, non suspended floors, pavements and ramps or any other works etc. including shuttering, tamping,ramming,vibrating, curing etc. all as specified, in any shape , position, thickness and finishing the top surface rough or smooth as specified and directed, all complete for concrete of nominal mix 1:4:8 by mass ( 1 cement:4 coarse sand: 8 crushed stone aggregates/gravels) with 40mm down size graded crushed stone aggregates/ gravels.	M3	9.00		
<b>Total amount of the Civil Works: (i)</b>					
<b>Service Tax @ 5.8%.(ii)</b>					





 <b>BHAGYANAGAR GAS LIMITED</b>	<b>Tender for Structural, Mechanical &amp; Electrical works for construction of daughter booster station (DBS) in Vijayawada for CGD projects.</b>  <b>Bid Document No. BGL/305/2015-16</b>	<b>VOLUME II OF II</b>
--	---	------------------------

**Annexure-I**

Sl. No	Work Description and Supply	Unit	Qty.	Unit Rate (Rs)	Total Amount (Rs)
		-1	-2	(3)	(4)=(2) X (3)
	<b>MECHANICAL WORKS</b>				
6	Supply, fabrication and erection of all types of pipe supports like clamps, saddle, guide, stops, cradles, Neoprene sheet, turn buckles, anchors, T posts, stockade/trestle and pipe bridge/ Structure for overhead piping, approach ladders and platforms, crossover, etc, including painting suitable for highly corrosive area as per specification labour and supervision & complete work as per drawing, specifications and instructions of PMC (bolts, nuts, washers, u-clamps etc for supporting shall be supplied by the Contractor within the rates quoted. These items will not be measured and paid separately) The work is to be completed in all respect as per scope of work and specification.	KG	500		
7	Supply of Manpower and required tools and tackles for laying SS tubing	Man days	5		
<b>Total amount of the Mechanical Works: (i)</b>					
<b>Service Tax @ 5.8%: (ii)</b>					
<b>Total Amount of Mechanical Works( Inclusive of All Taxes and Duties) – G: (i + ii)</b>					
<b>GRAND TOTAL AMOUNT OF STRUCTURAL ,CIVIL, MECHANICAL &amp; ELECTRICAL WORKS ( Inclusive of All Applicable Taxes and Duties) : (H) =(E+F+G)</b>					

