

Tender No.: MEC/23R8/01/51/S2/CF/00/0015

Tender for ROUTE SURVEY, AREA SURVEY AND ALLIED WORKS (ANNUAL RATE CONTRACT FOR A PERIOD OF 2 YEARS) AT HYDERABAD & Kakinada

Project: CITY GAS DISTRIBUTION PROJECT

SUMMARY OF BIDDER'S PRICES FOR Schedule of Rates (SOR) (To be indicated in Indian Rupees)

Sr. No.	Description	In INR	
		(In Figures)	(In Words)
1)	Total Amount inclusive of all taxes & duties including service tax from SOR of PART - A For Hyderabad		
2)	Total Amount inclusive of all taxes & duties including service tax from SOR of PART - B For Kakinada		
3)	Gross Total Amount of PART A & PART B (Sl. No. 1 + 2)		

Notes:

- 1) Bidder has to quote all items of the Schedule of Rates (SOR).
- 2) Evaluation, comparison of bid and distribution of quantities shall be as per clause no. 32 of ITB - Vol. I of III.

	Signature of Authorised Signatory
Place	Name :
Date	Designation :
	Seal :

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Project: Bhagyanagar Gas Limited , CITY GAS DISTRIBUTION PROJECT

Bid document No. MEC/23R8/01/51/S2/CF/00/0015

PART A - For Hyderabad

SCHEDULE OF RATES (SOR)

Sl. No.	Description	Unit	Qty.	Unit Rate inclusive of all taxes & duties except service tax (In Rs.)	Total Amount inclusive of all taxes & duties except Service Tax (in Rs.)
1	2	3	4	5	6= 5 X 4
A1	Preliminary route survey (Reconnaissance Survey for steel grid pipelines)				
	Carrying out reconnaissance survey as per Specification/Scope of work in the tender and instructions of Engineer-in-Charge and submission of four coloured drawings and report.	KM	100		
A2	Detailed Grid Line Survey (for steel grid pipelines)				
A2(i)	Carrying out detailed survey along proposed gas pipeline routes as per specifications and tender document, approved route and submit digitized route drawing in 4 no's coloured prints on ascale of 1:1000 and CAD output	KM	100		
	Note: Wherever pipeline is laid along the road, survey shall be carried out for 30 m on either side of Road or up to property line of existing structures whichever is less.				
A3	Survey for MDPE Network				
A3 a)	Supply of high resolution World view-2 (0.5 m) Satellite image as per technical specification, tender document and direction of Engineer-in-charge	Sq.Km	300		
A3 b)	Image processing, registration, digitization (Vectorisation) and preparation of base Map as per technical specification, tender document and direction of Engineer-in-charge	Sq.Km	150		
A 3 c)	Area Survey for MDPE Network				
A 3 c) (i)	To carryout Area survey and propose a feasible route for laying the proposed pipeline network and to identify and record all the features of the area surveyed along with building, structures, drains pavements, roads etc. and including those likely to have bearing on alignment of proposed pipeline and to propose a pipeline route with respect to plot boundary giving offset from the nearest boundary which will have least obstruction, marking obstruction, if any, identify the type of building type of road back lanes required to be cut to lay the pipelines, all the field data to be collected, superimposing the same on digitized satellite high resolution image (as mentioned in item no. A 3 a) and developing the drawings / maps in scale 1:500 with full details marked, check and confirm completeness of data all complete as per specifications drawings and direction of the engineer-in-charge and giving drawings in 4 copies and CAD output on CD.	Sq.Km	150		
A4	GIS/LIS work				
A4 (i)	Digitisation and Development of GIS/LIS of survey (steel) pipeline data and uploading of same data in BGL's GIS software as per specification and submission of drawing /documents in hard as well as soft copies for each pipeline as per requirement of tender documents and instruction of the engineer-in-charge. (Note: If the steel pipeline is existing in area survey covered under A4 (ii) below, then no separate payment will be made under this item for aforesaid steel pipeline).	km	100		
A4 (ii)	Digitisation and Development of GIS/LIS of area survey data and uploading of same data in BGL's GIS software as per specification and submission of drawing /documents in hard as well as soft copies for areas as per requirement of tender documents and instruction of the engineer-in-charge	sq. Km	150		

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PART A - For Hyderabad

SCHEDULE OF RATES (SOR)

SI. No.	Description	Unit	Qty.	Unit Rate inclusive of all taxes & duties except service tax (In Rs.)	Total Amount inclusive of all taxes & duties except Service Tax (in Rs.)
1	2	3	4	5	6= 5 X 4
A4 (iii)	Uploading the data of Asbuilt/Existing steel and MDPE network & assets like valves, fittings, markers etc. in BGL's GIS software as per specification , tender documents and instruction of the engineer-in-charge Note: The existing pipeline information will be provided by BGL.	sq. Km	50		
A5	Geo Technical Investigation (for CNG stations)				
	Carrying out complete Geotechnical Investigation for the depth specified as listed out in details in scope of work including providing all men, tools, tackles, materialsdrilling rigs, soil testing equipment, other equipment, other support facilities necessary for the survey and associated work and submitting Final Geotechnical report in an approved format along with Soil Investigation etc. in accordance with the Technical Specification, drawings, approved QAP, implementation schedule and other provisions of the Tender Document and instructions of the Engineer-in-charge.				
	By Boring of minimum 150 mm dia boreholes as specified in specific requirement through all kinds of soil excluding hard rock				
A5(i)	On plots	M	38		
	Drilling through rock/boulder strata (where SPT value is greater than 100) with minimum Nx size bit up to a depth of 10m from Existing Ground / Bed Level as per instruction of Engineer-in-charge.				
A5(ii)	On plots	M	3		
	Field Investigations				
A5(iii)	Conducting Standard Penetration Tests in boreholes and as specified as decided by EIC.	EACH	12		
A5(iv)	Collecting 100 mm dia undisturbed sample form boreholes as specified as decided by EIC.	EACH	10		
A5(v)	Collecting disturbed samples from Bore Holes	EACH	10		
A5(vi)	Conducting the following laboratory tests as specified as decided by EIC in NABL accredited labarotary				
A5(vii)	Atterberg's limit (LL & PL)	EACH	6		
A5(viii)	Natural water content	EACH	6		
A5(ix)	Bulk and Dry density	EACH	6		
A5(x)	Specific gravity and Void ratio	EACH	6		
A5(xi)	Standing ground water level	EACH	2		
A5(xii)	Sieve analysis	EACH	6		
A5(xiii)	Shrinkage Limit	EACH	2		
A5(xiv)	Laboratory test on rock sample as specified/ as decided by EIC				
A5(xv)	Core Recovery (RQD)	M	2		
A5(xvi)	Point Load Test	EACH	2		
B	Total Amount (in Rupees) EXCLUDING SERVICE TAX				
C	Service Tax				
C.1	Service Tax rate (in Percentage) applicable on SI. No. B above				15.00%
C.2	Amount of Service Tax (in Rupees) applicable on SI. No. B above				
D	Total Amount (in Rupees) inclusive of all taxes & duties including service tax {SI. No. B + C.2}				

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PART B - For KAKINADA

SCHEDULE OF RATES (SOR)

Sl. No.	Description	Unit	Qty.	Unit Rate inclusive of all taxes & duties except service tax (In Rs.)	Total Amount inclusive of all taxes & duties except Service Tax (in Rs.)
1	2	3	4	5	6= 5 X 4
A1	Survey for MDPE Network				
A1 a)	Supply of high resolution World view-2 (0.5 m) Satellite image as per technical specification, tender document and direction of Engineer-in-charge	Sq.Km	100		
A1 b)	Image processing, registration, digitization (Vectorisation) and preparation of base Map as per technical specification, tender document and direction of Engineer-in-charge	Sq.Km	30		
A 1 c)	Area Survey for MDPE Network				
A 1 c)	To carryout Area survey and propose a feasible route for laying the proposed pipeline network and to identify and record all the features of the area surveyed along with building, structures, drains pavements, roads etc. and including those likely to have bearing on alignment of proposed pipeline and to propose a pipeline route with respect to plot boundary giving offset from the nearest boundary which will have least obstruction, marking obstruction, if any, identify the type of building type of road back lanes required to be cut to lay the pipelines, all the field data to be collected, superimposing the same on digitized satellite high resolution image (as mentioned in item no. A 1 a) and developing the drawings / maps in scale 1:500 with full details marked, check and confirm completeness of data all complete as per specifications drawings and direction of the engineer-in-charge and giving drawings in 4 copies and CAD output on CD.	Sq.Km	30		
A2	GIS/LIS work				
A2 (i)	Digitisation and Development of GIS/LIS of area survey data and uploading of same data in BGL's GIS software as per specification and submission of drawing /documents in hard as well as soft copies for areas as per requirement of tender documents and instruction of the engineer-in-charge	sq. Km	30		
A2 (ii)	Uploading the data of Asbuilt/Existing steel and MDPE network & assets like valves, fittings, markers etc. in BGL's GIS software as per specification , tender documents and instruction of the engineer-in-charge Note: The existing pipeline information will be provided by BGL.	sq. Km	20		
B	Total Amount (in Rupees) EXCLUDING SERVICE TAX				
C	Service Tax				
C.1	Service Tax rate (in Percentage) applicable on Sl. No. B above				15.00%
C.2	Amount of Service Tax (in Rupees) applicable on Sl. No. B above				
D	Total Amount (in Rupees) inclusive of all taxes & duties including service tax {Sl. No. B + C.2}				