



INDRAPRASTHA GAS LIMITED
IGL Bhawan, 4, Community Center,
Sector-9, R.K. Puram, New Delhi - 110022

TENDER NO. IGL/ET2/CP/CP18174
GIS SURVEY AND MAPPING OF STEEL & MDPE PIPELINE NETWORK ACROSS UP AND RAJASTHAN

REPLIES TO BIDDERS' QUERIES - 1

| Sr. No. | Tender Page No. | Tender Section & Clause No. | Clause Description | Bidder's Query | IGL's Reply |
|---------|-----------------|--------------------------------------|--|---|---|
| 1 | 7 | 5.0 DETAILS OF TENDER DOCUMENTS | Bid submission due date and time 08.11.2024 till 1430 hrs IST. | We understand that the bid submission is online mode only. Kindly confirm that any Hard copy submission is also required. AND We also request you to extend the bid submission deadline for 10 days from the current date of bid submission, so that we can adhere the changes suggested in the Pre-bid response. | Bid submission is only through Online Mode only. No other mode is acceptable. |
| 2 | 8 | 7.0 BIDDER EVALUATION CRITERIA (BEC) | 7.1 TECHNICAL BEC 7.2 Financial BEC | Apart from Clause 7.1 & 7.2, is there any other Bidder Evaluation Criteria or documents required from the bidders? kindly confirm | Tender Condition shall prevail. |
| 3 | 8 | 7.1 TECHNICAL BEC | Past working Experience | We request you to kindly give Exemption to the MSME companies for Similar work experience. | Tender Condition shall prevail. |
| 4 | 18 | 11.1 | No consortium/ joint bid shall be accepted. | We also request you to kindly allow consortium/ joint bid for bid participation. | Tender Condition shall prevail. |
| 5 | 53 | 11.0 TERMS OF PAYMENTS | The Owner will not pay any advance. | The field related activities are involved in this project, so we request for the advance payment, as this will be required in the initial phase of the project for smooth functioning of the project. | Tender Condition shall prevail. |
| 6 | 61 | SECTION V SCOPE OF WORK | Section 1 – Image Processing and Base Map creation | Either IGL will provide the satellite imagery or bidder need to procure this from NRSC. | Bidder shall be responsible for satellite imagery. |
| 7 | 61 | SECTION V SCOPE OF WORK | Section 1 – Image Processing and Base Map creation | What will be the resolution of the satellite images? | 0.5 m |
| 8 | 65 | SECTION V SCOPE OF WORK | Survey shall be done inside apartments / societies also for correcting building footprints & checking TF (Transition Fitting) positions wherever IGL pipeline exists. | We would require help from IGL authorities for doing Survey inside the apartments / societies. | IGL will issue a letter to the bidder for carrying out survey inside apartments/societies. |
| 9 | 75 | Annexure-B | Detailed specification of Ground penetration Radar (GPR) Pipeline Locator | Whether GPR & Induction Utility Locator is also the part of scope?Kindly confirm | Bidder can choose either method for survey provided the data acceptance criteria is met. |
| 10 | 75 | Annexure-B | Detailed specification of Induction Utility locator (IUPL) for pipeline detection proposed to be used | | |
| 11 | 77 | SCHEDULE OF RATES (SOR) | HSN/SAC Code | What is HSN/ SAC Code in the BOQ, how to get this code? | HSN refer to "Harmonized System of Nomenclature" and SAC refer to "Service Accounting Code". HSN are used for the classification of goods, whereas SAC codes are used for services under GST regime taxation. May refer CBIC Govt. website. |
| 12 | | General | General | One bidder can participate in how many groups? | Bidder can participate in both groups subject to fulfillment of BEC criteria (technical & financial) on cumulative basis but one group shall be awarded to the bidder. Refer Tender Award Criteria on Page no. 10. |
| 13 | 61 | SECTION V SCOPE OF WORK | 3.0 THE SCOPE OF WORK HAS BEEN BROADLY CATEGORIZED INTO FOLLOWING SECTIONS: Section 1 – Image Processing and Base Map creation Section 2 – GIS mapping of Pipeline Network | A detailed scope is written in the RFP for "Image processing, GCP collection and Landbase Development" but there is no line item mentioned in the SOR. How bidder will quote for Landbase development work? Please include line item for "Image Processing and Base Map creation" in the SOR to quote and the unit for this item would be in Sq. Km. | Tender Condition shall prevail. |



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| 14 | 61 | SECTION V SCOPE OF WORK | 4.0 SECTION 1 - IMAGE PROCESSING AND BASE MAP CREATION 4.6 Ground control points shall be collected using high accuracy DGPS devices having accuracy of +/- 3mm in static mode. The DGPS survey in the initial stage shall be confirmed using a Survey of India (SOD) - GTS benchmark. | IGL is looking for +/- 3mm accuracy of the GCP point collected using DGPS devices? | Yes, Tender Condition shall prevail. |
| 15 | 62 | SECTION V SCOPE OF WORK | 4.14 Corridor mapping shall be done for the entire length of pipeline and its assets along the corridor with land base features includes roads, hydrology, easements, buildings / boundary walls, obstruction objects, bridges, etc., at each side of the center of the detected pipeline position. | Please provide the maximum corridor width of the entire pipeline. Otherwise It would be difficult for any bidder to estimate the effort and per day output. | The Corridor width shall be as per the details available in the As Built Drawings |
| 16 | 62 | SECTION V SCOPE OF WORK | 4.17 Tentative list of features that should be extracted from the image is as follows: | Separate data model for landbase/corridor survey is mentioned in the RFP and it is quite vast. Please ensure the width of the corridor or provide separate line item with the Sq. km. unit. For steel pipeline corridor wise landbase preparation is accepted but for MDPE it is must to have separate line item of Area Survey. | Tender Condition shall prevail. |
| 17 | 64 | SECTION V SCOPE OF WORK | 5.0 GIS MAPPING OF PIPELINE NETWORK (d) The mapping topology, objects connectivity and structure shall be compatible to IGL ArcGIS / Other GIS software solutions. Drafting / digitization methods shall meet specified quality standards | Who will provide ArcGIS/ Other GIS software solutions for digitization? | Bidder shall be responsible for the software required for digitization of pipeline network. |
| 18 | 64 | SECTION V SCOPE OF WORK | (e) Detection of MDPE pipeline shall be done for the entire length in a linear manner. This shall be digitized on the map with referenced Geo co-ordinates as per the exact position of the pipeline. | IGL is looking for any pipeline locator/GPR instrument for detection of pipeline? Or only DGPS instrument to be used during survey. | Only ETS and DGPS instrument are to be used during survey. |
| 19 | 65 | SECTION V SCOPE OF WORK | 5.2 Survey & Mapping 3) Survey shall be done inside apartments / societies also for correcting building footprints & checking TF (Transition Fitting) positions wherever IGL pipeline exists. | Should we need to visit meter location of each house and door to door survey is required? | No door to door survey or meter location survey is required. |
| 20 | 65 | SECTION V SCOPE OF WORK | 5.2 Survey & Mapping 5) Contractor shall verify and rectify all land base features, relative distance / position of one feature w.r.t other feature through ETS (Electronic Total Station) or using LIDAR at precise level as per Data Acceptance criteria. (i.e. distance from one point to another point on the map shall match as per ground within acceptable level) | IGL is asking for Level data which bidder must capture during survey using ETS or LIDAR? | Bidder can choose either method for survey provided the data acceptance criteria is met. |
| 21 | | SECTION VI SCHEDULE OF RATES | | Landbase/Area Survey line item is missing in the SOR. Please include the line item in the SOR, so that bidder can be able to quote their cost. | Tender Condition shall prevail. |