 MAHARASHTRA NATURAL GAS LIMITED	Reply to bidders queries against Tender for carrying out survey works, opening of ROU & associated works for laying of proposed Steel Pipeline from Source Point at GAIL's IP-03 at Aпти Bk. Village to Nashik GA to Dhule GA Bid No.: MNGL/C&P/2018-19/142
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Date: 28.02.2019

Replies to Queries of the Bidders


SUB: Replies to queries of the bidders for Tender for Carrying out survey works, opening of ROU & associated works for laying of proposed Steel Pipeline from Source Point at GAIL's IP-03 at Aпти Bk. Village to Nashik GA to Dhule GA (approx. 270 km) for CGD Projects of MNGL, Pune

REF: Bid Document No. MNGL/C&P/2018-19/142 dated 08.02.2019


Dear Sir,

Following are the replies to queries of the bidders. Kindly note the same.


SI. No.	Page No. & Clause	Bidder's Query	Clarification	MNGL's Reply
1	<p>5.1 BEC TECHNICAL 5.1 Technical Criteria: 5.1.1</p> <p>The bidder under a single contract and as a Main Contractor should have completed similar work of minimum 135 Km of Cross-Country Hydrocarbon pipeline in India including providing ROU acquisition services as per P&MP Act including providing assistance to Competent Authority for notifications as per P&MP Act, ROU opening works along with Survey works including Detailed Route Survey, Cadastral Survey, soil investigation, etc. as well as Liasioning services for crossing approvals like Forests, Water bodies, Rivers, National/ State Highways etc. in the last 5 (Five) years reckoned from the bid due date.</p> <p>Bidders must submit documentary evidence like LOA and Execution Certificate etc. issued by Owner / Owner's Consultant indicating all details in support to fulfill the criteria mentioned above. In absence of requisite documents, MNGL reserves the right to reject the bid without making any reference to</p>	<p>We have experience in doing:</p> <ol style="list-style-type: none"> 1. GPS based pipeline survey (MDPE, Steel & Hydrocarbon pipeline) apprx 400 km , Route survey, Cadastral survey. 2. Area survey. 3. Forrest boundary survey along with pillar fixation. 4. Digitization and GIS / LIS Development for hydrocarbon pipeline. 5. Obtaining Permissions and Approvals from different govt body. 6. Providing services for establishing ROU. <p>But all are in a different work order for different department in last 7 year.</p>	<p>Kindly modify the clause like</p> <ol style="list-style-type: none"> 1. Bidder must have completed one single work of minimum 135 Km which includes Linear Asset Survey, processing of high resolution satellite Image, development of base map and development of GIS/LIS module for oil/gas pipeline sector 2. Bidder should have experience in route survey for pipeline sector. 3. Bidder should have experience in Area survey, Forrest boundary survey along with pillar fixation, ROU/ROW. <p>In last 7 (Seven) financial years reckoned from the bid due date.</p>	<p>Tender Condition Prevails.</p>

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	the bidder.			
2	168 Terms of payments	Submission of cadastral drawings - On Submission of Cadastral Drgs & Record.	We understand that payment schedule needs some revision, there is no composite item from Sr o 1 to Sr no 5 in the BoQ. Every item needs to be regulated separately for payments. Cadastral is not included in the BoQ items 1 , 2,4,5.	Refer attached revised payment breakup as per Annexure – I.
3	Page-168	Payment for Stone fixing.	Will client release 20 % of the stone item payment, on submission of reconnaissance survey report as per table suggested at page 168. We understand that each BoQ item has different nature of services. All items needs different mode of payment regulation, kindly revise the clause accordingly.	Tender condition prevails
4	Page- 168	7.1 to 7.11 Payment for Permissions	Singing of the agreement is not under the control of the Vendor, it is between the authority and MNGL. We request you to consider the release of the 30 % payment on getting proper demand note from the authority	Tender condition prevails
5	Page- 176	The width of corridor for Survey shall be 18 M from either side of the road edge / road side	Kindly confirm 18 m for all surveys.	Confirmed
6	Page- 176	Identification of rivers, nallahs, major drains, culverts, manholes etc along with Invert levels / water level and surrounding ground levels.	It would be difficult to have invert level of manhole, kindly re- consider.	Invert level of manhole not required
7	Page- 177	Surveyor to indicate other important data/information such as future development plans, proposals for bridges, fly-overs, OFC/HT/LT networks, widening of	Very difficult to precisely collect all development possibilities, client may write to appropriate authorities to collect the relevant information in this regard.	Tender condition prevails

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		roads, Sewerage & drainage network etc.		
8	Page-192	Boreholes shall be made at intervals of 500 M along the pipeline route, at all intermediate points where there is apparently a change in the type of soil and at any other place as directed by MNGL.	Please make appropriate changes for spacing.	Tender condition prevails
9	Page- 218- SoR	Soil Stratification Survey Conducting Soil Stratification Survey for determining stratification of Soil/Rock as per detailed Scope of work specified in Tender Document and as per instructions of MNGL including Providing the data in tabulat form complete in all respect including uploading the all data on Owner's Server. The work Shall Include boring of minimum 150mm dia bore hole from NGL up to 3m depth @ 250 mtrs centre to centre and up to 5 mtrs depth at major crossings for visual classifications. Soil Samples so collected to be tested in Govt./Govt. authorized Lab. and reports to be submitted to MNGL.	Please make appropriate changes for spacing.	Tender condition prevails
10	Page- 197	The Contractor at his own cost, shall collect all revenue and other maps as well as the forms required for carrying out cadastral survey.	Statutory fee towards collection of information has to be borne by the owner of the project, please confirm.	Tender condition prevails

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11	Page- 213	3.2 Survey Details Ground levels shall be shown on rectangular grid pattern at intervals of 10m. Additional levels shall show sudden change of levels if any shall also be indicated. Contours are to be drawn at 0.20 m intervals. Inverts levels of existing drains at regular intervals shall be taken. Top levels of Manholes shall also be taken. Existing levels at regular intervals and at all junctions for roads, top levels, width, curvature at turning points shall be shown. Any other important detail shall also be covered.	Please specify the applicability of these specifications in SoR items.	Applicable for SOR item no. 2
12	Page- 217	Providing RCC Precast Pillars: Providing & fixing pre-cast RCC/stone pillars for IPs, TPs of approx. size 200 x 150 x 800mm (IPs are to be fixed at intervals of 250mts approx. along the Centre line of pipeline route)	Please allow for RCC Hume pipe, filled with insitu cement concrete for ease in transportation in cross country regions. It is requested to reconsider the size of pillars as well.	Tender condition prevails
13	Page -217	Corrosion survey Carrying out Corrosion survey including measurement of soil resistivity at an interval of approx. 500 m. along the RoU	Please confirm spacing as 500m	Tender condition prevails
14	Page- 218	Soil Stratification Survey Conducting Soil Stratification Survey for determining stratification of Soil / Rock as per detailed Scope of work specified in Tender Document and as per instructions of MNGL including Providing the data in tabulat form complete in all respect	Item of boring at cross locations should be kept separate as there is no idea of crossing per km to the vendor and item for boring has to be in per "meter". It is requested to kindly keep the items of stratifications surveys and boring separate.	Tender condition prevails

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		including uploading the all data on Owner's Server. The work Shall Include boring of minimum 150mm dia bore hole from NGL up to 3m depth @ 250 mtrs centre to centre and up to 5 mtrs depth at major crossings for visual classifications. Soil Samples so collected to be tested in Govt./Govt. authorized Lab. and reports to be submitted to MNGL. Submission of drawing /documents in hard as well as soft documents and as per instruction of MNGL. The entire work is inclusive of mobilization and demobilization of resources		
15	Page- 219	Payment shall be made for obtaining each permission.	We understand that Payment for each permission means " payment for every crossing" permissions obtained. Kindly confirm. In case some difference is there with our understanding, please elaborate.	Confirmed
16		Do we need to submit signed and sealed Tender Document (Approx. 220 pages)		All the required documents mentioned in the tender shall be submitted
17		We request you to allow experience of survey of Natural Gas / Oil / Water Pipeline.		Tender condition prevails
18		As per tender condition BEC Clause no 5.1.1 require combined similar work of minimum 135 Km of Cross-Country Hydrocarbon pipeline in India including providing ROU acquisition services as per P&MP Act. We have done similar		Tender condition prevails.

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		type of work in separate work orders. Kindly consider		
19	Sr. No. VII of IFB : DUE DATE OF SUBMISSION OF BID	Extension of due date of submission of bid		Due date of submission of bid is extended upto 08.03.2019, 15:00 hours

Please submit the signed & stamped copy of Replies to Queries of the Bidders along with tender document with your techno-commercial offer as a token of acceptance.

All the others terms and conditions of the bid documents are unchanged.

With regards.

Ganesh Said
Sr. Manager (C&P)

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Annexure - I

REVISED TERMS OF PAYMENT

FOR SURVEY: - SOR ITEMS NO. FROM 1 TO 3 & 5 TO 8

Sl. No.	Description/Milestones	Payment Schedule
1.	On Completion of field work and submission of Draft report and drawings.	50%
2.	On submission of final report and Drawings.	40%
3.	On Completion of entire works in all respect and its acceptance by MNGL	10%

FOR DEVELOPMENT OF GIS & LIS: - SOR ITEM NO. 9


Sl. No.	Description/Milestones	Payment Schedule
1.	On Digitization and development of GIS/LIS for surveyed pipeline data and uploading the same in MNGL's GIS Software including submission of final drawings and documents to MNGL	80%
2.	On completion of entire works in all respect and its acceptance by MNGL	20%

FOR OBTAINING PERMISSIONS AND APPROVALS: - SOR ITEM NO. 10

Sl. No.	Description/Milestones	Payment Schedule
1.	On Submission of Application	15%
2.	On getting Approval	45%
3.	Signing of Agreement	30%
4.	On Final hand over of Documents and On completion of entire works in all respect and its acceptance by MNGL	10%

FOR PROVIDING SERVICES FOR ESTABLISHING ROU IN ROW AS PER P&MP ACT, 1962: - SOR ITEM NO. 11

Sl. No.	Description/Milestones	Payment Schedule
1.	After completion of all work upto the stage of serving of notices U/S 3(1) to individual land owners, arranging hearing of objections U/S 5(1) and disposal of the same by the Competent Authority.	30%
2.	After Completion of all work upto the stage of serving notices U/S	30%

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	6(1) to individual land owners.	
3.	After completion of compensation work for ROU acquisition and balance work.	20%
4.	Entry of Pipeline/ Owner details in 7/12 of Farmer	10%
5.	On completion of entire works in all respect and its acceptance by MNGL	10%

FOR PROVIDING SERVICES RELATED TO OPENING OF ROW: - SOR ITEM NO. 12

Sl. No.	Description/Milestones	Payment Schedule
1.	Assistance in appointment of CA, like submission of Letter, follow up with ministry and publication of CA name in Gazette after appointment.	10%
2.	On Completion of Notice to land Owners, Panchayat, Govt. Agencies etc. assisting CA Staff in Panchanama and other activities for ROW Opening etc.	50%
3.	Collection of yield/ rate of crops assistance to CA in preparation of award and final disbursement and on completion of balance work as per scope of work.	30%
4.	On completion of entire works in all respect and its acceptance by MNGL	10%

ANY OTHER WORK (NOT MENTIONED ABOVE)

Sl. No.	Description/Milestones	Payment Schedule
1.	Completion of individual work progressively	90%
2.	Completion of all activities and their acceptance submission of final documents, final bill and acceptance of these by owner thereafter for successful closure of work order:	10%