



**Name of Work:** ENGAGING A CONSULTANT FOR PREPARATION OF DETAILED FEASIBILITY REPORT FOR THE EXPANSION OF SPURLINE TO NAHARLAGAN AND BANDERDAVA IN ARUNACHAL PRADESH, SILCHAR TO IMPHAL IN MANIPUR, AND EXTENSION OF NEGG TOWARDS TURA VIA NONGSTOIN AND WILLIAM NAGAR OF MEGHALAYA.

**Tender No.:** IGGL/GHY/C&P/PROJ/DFR-EXPANSION/06-22 (E –TENDER NO: IGGL-100034)

**MEMBERS PRESENT: (Meeting was held through Video conference system)**

Indradhanush Gas Grid Limited:	Participating Agencies / Participant:
<ul style="list-style-type: none"> <li>i. Mr. M. W. Kyndiah, GM(Project)</li> <li>ii. Mr. K. Talukdar, DGM (PE)</li> <li>iii. Mr. A. K. Choudhury, DGM (C&amp;P)</li> <li>iv. Mr. U. Das, CM (C&amp;P)</li> <li>v. Smt. B. Gogoi, SE (PE)</li> <li>vi. Mr. S. Bhattacharyya, SM(C&amp;P)</li> </ul>	<p><u>M/s Engineer India Limited</u></p> <ul style="list-style-type: none"> <li>i. Abhinav Mohapatra</li> <li>ii. V. Mahajan</li> <li>iii. B. Mandal</li> <li>iv. Bharat Sukla</li> <li>v. Harsh Srivastavs</li> </ul>

**GIST OF DISCUSSION:**

- 1) Pre bid meeting was held through Video conference system and 01 (One) no. of participant attended the meeting. But, later on M/s VCS Quality Service Pvt. Ltd, M/s PIPELINE ENGINEERING CONSULTANTS PVT. LTD. and M/s MECON Ltd. emailed their queries to IGGL.
- 2) Bidders queries and IGGL reply are as follows for information to all concerned:

Query raised by M/s Engineers India Limited						
SI No.	Reference of Bidding Document				Bidder's Query	IGGL's Reply
	Section	Page No	Clause No	Subject		
1.	Section VI	132/139	2.1	i) Extension of spurline of NEGG Pipeline Project to Naharlagon & Banderdeva of Arunachal Pradesh having length 50 km (approx.)	<ul style="list-style-type: none"> <li>i. Bidder understands that this spur line is an extension of GOHPUR - ITANAGAR SECTION which is an 8 inch pipeline.</li> <li>Owner to confirm whether the new spurline is also envisaged as 8 inch and will be hooked up at RT-Itanagar and the piggable spur line will terminate at DT Banderdava.</li> <li>ii. Bidder requests Owner to provide any document for preliminary pipeline route and/ or schematics</li> </ul>	<ul style="list-style-type: none"> <li>i. Yes; Spur line is an extension of GOHPUR-ITANAGAR SECTION which is an 8-inch pipeline. Dia of new pipeline and possibility of hook up of new pipeline at RT Itanagar will be a part of DFR study.</li> <li>ii. Preliminary desk top study report uploaded.</li> </ul>



Query raised by M/s Engineers India Limited					
SI No.	Reference of Bidding Document			Bidder's Query	IGGL's Reply
	Section	Page No	Clause No		
				<p>identifying the minimum no. of SVs required along the route, if available.</p> <p>iii. Owner to confirm whether any Compressor Station is envisaged enroute this new spurline.</p>	<p>iii. No compressor station envisaged in this new spurline.</p>
2.	Section VI	132/139	2.1	<p>Laying pipeline from Silchar to Imphal to connect Section-10 (Dimapur-Kohima-Imphal) &amp; Section-6 (Guwahati-Silchar) having length 250-270 km (approx.)</p> <p>i. Bidder understands that this spur line is an interconnection between Section 6 of NEGG Pipeline (18 inch pipeline) to section 10 of NEGG Pipeline extension (12 inch pipeline). Bidder requests Owner to provide details regarding size of spurline and the locations of hook up as well as location of DT and RT for this spurline, if available.</p> <p>ii. Bidder requests Owner to provide any document for preliminary pipeline route and/ or schematics identifying the minimum no. of SVs required along the route, if available.</p> <p>iii. Owner to confirm whether any Compressor Station is envisaged enroute this new spurline.</p>	<p>i. Yes; this spur line is an interconnection between section 6 of NEGG pipeline (18-inch pipeline) to section 10 of NEGG Pipeline (12-inch pipeline). Size of new spurline and the location of hook up as well as location of DT and RT is a part of DFR study.</p> <p>ii.No such documents are available with IGGL.</p> <p>iii.Presently no compressor station is envisaged. However, consultant may recommend if any Compressor Station is required.</p>
3.	Section VI ( scope of work)	132/139	2.1	<p>Extension of NEGG Pipeline network towards Tura via Nongstoin and William Nagar of Meghalaya having length 341 km (approx.)</p> <p>i. Bidder understands that this spur line is an Extension of the Shillong spur line (section 14 of NEGG Pipeline (8 inch pipeline) up to Tura. Bidder requests Owner to provide details regarding size of spurline and the locations of hook up as well as location of DT and RT for this spurline, if available.</p> <p>ii. Bidder requests Owner to</p>	<p>i. Yes; this spur line is an extension of Guwahati-Shillong Section (Section-14) of NEGG Pipeline. Size of spur line and location of hook up as well as location of DT and RT is a part of DFR study.</p> <p>ii. Desk top study report attached.</p>



Query raised by M/s Engineers India Limited						
SI No.	Reference of Bidding Document			Bidder's Query	IGGL's Reply	
	Section	Page No	Clause No			Subject
				<p>provide any document for preliminary pipeline route and /or schematics identifying the minimum no. of SVs required along the route, if available.</p> <p>iii. Owner to confirm whether any Compressor Station is envisaged enroute this new spurline.</p>	<p>iii. No compressor station envisaged.</p>	
4.	Section VI (scope of work)	132/139	2.1	General	<p>Owner is requested to clarify whether any additional intermediate tap off points are envisaged along these 3 spur line sections.</p>	<p>Requirement of additional intermediate tap off points will be finalized based on "Market Study Report"</p>
5.	Section VI (scope of work)	133/139	3.2	Review of route survey report (Route survey data and process parameter will be provided by IGGL)	<p>Bidder understands that survey data including Detailed Survey Report (Pipeline center-line route survey, Topographical survey, Soil investigation survey, Cadastral survey, Hydrological survey (for water-bodies), Survey alignment sheets, KMZ File and crossing drawings shall be furnished by the Owner after job award.</p> <p>Owner to confirm bidder's understanding.</p>	<p>Reccy. Survey report will be provided to successful bidder. Based on Survey report, DFR is to be prepared with suitable accuracy factor.</p>
6.	Section VI (scope of work)	133/139	3.6	Carryout piping stress analysis for the station piping and support schedule and design.	<p>Owner to kindly note that as per industry practice these deliverables are prepared as part of detailed engineering and not covered as part of Feasibility report.</p> <p>Owner to review and confirm.</p>	<p>Tender conditions prevail</p>
7.	Section VI (scope of work)	133/139	3.7	Preparation of drawings such as Plot Plan, P&ID, GAD, Hook up drawing etc.	<p>Owner to kindly note that as per industry practice, only typical Plot Plans and P&amp;IDs are covered as part of feasibility reports.</p> <p>GADs and Hook up drawings are prepared as part of detailed engineering</p>	<p>Only tentative Plot Plan, P&amp;ID, GADs and Hook up drawing is under the scope of bidder.</p>



Query raised by M/s Engineers India Limited					
SI No.	Reference of Bidding Document			Bidder's Query	IGGL's Reply
	Section	Page No	Clause No		
				and not covered as part of Feasibility reports.  Owner to review and confirm.	
8.	Section VI (scope of work)	133/139	3.8	Preparation of Schematic Drawing, Alignment Drawing  Pipeline alignment drawings are prepared as part of detailed engineering and not covered in Feasibility reports.  Owner to review and confirm.	Pipeline Schematic drawing and Route Map are part of DFR study.  Detailed Pipeline alignment drawing is not covered in DFR study
9.	Section VI (scope of work)	133/139	3.9	Finalization of crossing methodology & preparation of crossing drawing for the crossing.  Owner to review and confirm.	Tentative crossing methodology to be highlighted in the DFR based on Recce Survey report.
10.	Section VI (scope of work)	133/139	3.10 / 3.11	Preparation of material specification and BOQ /Cost Estimate  Owner to review and confirm.  ii. Owner to kindly note that as part of feasibility reports, Bidder shall be providing cost estimate for all major items.  However, comprehensive back up for the estimate	(i) Preparation of Material Specification is under scope of Bidder  (ii) Back-up for the cost estimate arrived is a part of DFR.



Query raised by M/s Engineers India Limited					
SI No.	Reference of Bidding Document			Bidder's Query	IGGL's Reply
	Section	Page No	Clause No		
				<p>arrived is not envisaged as part of DFR.</p> <p>Owner to confirm.</p> <p>iii. Owner is requested to kindly provide Cost estimation accuracy required for DFR Study.</p> <p>iv. Owner is requested to clarify whether only CAPEX is to be provided as part of feasibility reports.</p>	<p>(iii) Cost Estimation Accuracy in DFR is as per standard practice.</p> <p>(iv) Both Capex &amp; Opex are required.</p>
11.	Section VI ( scope of work)	133/139	3.12 / 3.13	<p>SCADA, Telecommunication and Instrumentation/ Cathodic Protection System (CP)</p> <p>Owner to kindly note that as per industry practice feasibility reports include broad design &amp; specification aspects of SCADA, Telecommunication, and Instrumentation &amp; Cathodic Protection System (CP).</p> <p>Further, locations of SCADA, Telecommunication and CP System along the pipeline route are ear-marked on Pipeline schematic as part of feasibility study.</p> <p>Drawing for SCADA, Telecommunication, and Instrumentation &amp; CP system are prepared as part of detailed engineering and not covered in Feasibility reports and bidder does not envisage the same as part of scope for this Study.</p> <p>Owner to kindly confirm.</p>	<p>Yes; bidder's understanding is correct.</p>
12.	ITB	34/139	2.4	<p>Power of Attorney</p> <p>Bidder requests Client that only the copy of Power of Attorney in favour of the authorized person, duly signed by the Company secretary shall be submitted, in line with the practice followed by other oil PSUs.</p> <p>Kindly confirm.</p>	<p>Accepted</p>



Query raised by M/s Engineers India Limited						
SI No.	Reference of Bidding Document				Bidder's Query	IGGL's Reply
	Section	Page No	Clause No	Subject		
13.	SECTION-II	41/139	12.6	SCHEDULE OF RATES / BID PRICES	<p>The prices quoted by the bidder shall be based on the scope of work and the duration for execution of the project as defined in the bid document.</p> <p>In case the work gets extended beyond the stipulated schedule for reasons not attributable to consultant, the additional compensation and schedule shall be discussed and mutually agreed upon. Kindly confirm.</p>	<p>No extended Stay Compensation (Refer Clause 6 of SCC). However, in case the contractor fails to complete the job within the stipulated period, due to Force Majeure as defined in GCC or due to employer's defaults, no Price-Reduction/ Recovery will be made.</p>
14.	Section-VI	130/139	3.0	Payment Terms	<p>Bidder requests owner to kindly modify the clause as below:</p> <ul style="list-style-type: none"> <li>• 20 % of Payment after kick-off meeting</li> <li>• 70 % of Payment on submission of draft 'Detailed Feasibility Report'</li> <li>• 10 % of Payment on submission of final 'Detailed Feasibility Report' after incorporating IGGL final comments.</li> </ul> <p>Owner to review and confirm.</p>	<p>Tender Conditions prevail</p>
15.	Section-VI	130/139	5.0	Price Reduction Schedule	<p>Considering the nature of services to be provided and the locations covered under the scope (North East region) bidder requests client to waive off the imposition of PRS on the consultant for the subject study.</p> <p>Kindly confirm.</p>	<p>Tender Conditions prevail</p>



Query raised by M/s Engineers India Limited						
SI No.	Reference of Bidding Document				Bidder's Query	IGGL's Reply
	Section	Page No	Clause No	Subject		
16.	Section VI	130/139	2.0	Contract period/Time Completion of	<p>Bidder requests client to modify the contract period to 4 months, the break-up of which is indicated below:</p> <ul style="list-style-type: none"> <li>a. Submission of Draft DFRs : 3 months</li> <li>b. Owner review and comments, if any : 15 days</li> <li>c. Final DFR incorporating Owner comments : 15 days after receipt of owner's comments</li> </ul> <p>Owner to kindly confirm.</p>	Tender prevail Conditions
17.	Scope of work	-	-	Drawings	<p>Bidder understands that all data / drawings of existing facilities required for the job shall be made available. Kindly confirm.</p>	Confirmed.
18.	General	-	-	-	<p>Bidder understands that Grid power supply facilities beyond station battery limits is not part of DFR scope. Owner to confirm bidder's understanding.</p>	Tender prevailed conditions
19.	Scope Of Work (SOW)	132 of 139	2.0	Description Of Work	<p>Bidder understands that the proposed project is only for NEGG expansion covering the following Pipeline sections :</p> <ul style="list-style-type: none"> <li>i) Extension of spurline of NEGG Pipeline Project to Naharlagon&amp;Banderdeva of Arunachal Pradesh having length 50 km (approx.)</li> </ul>	Yes; bidder's understanding is correct.



Query raised by M/s Engineers India Limited						
SI No.	Reference of Bidding Document				Bidder's Query	IGGL's Reply
	Section	Page No	Clause No	Subject		
					<p>ii) Laying pipeline from Silchar to Imphal to connect Section-10 (Dimapur-Kohima-Imphal) &amp; Section-6 (Guwahati-Silchar) having length 250-270 km (approx.)</p> <p>iii) Extension of NEGG Pipeline network towards Tura via Nongstoin and William Nagar of Meghalaya having length 341 km (approx.)</p> <p>For above, only interconnection / hook-up with upstream shall be considered and process conditions of Pressure, Temperature, Flow and Composition at both [i.e. dispatch &amp; receipt] Battery Limits shall be made available by Client.</p> <p>No adequacy check &amp; other works of existing network are envisaged as part of scope.</p> <p>Client is requested to kindly confirm bidder's understanding.</p>	Technical information of existing (under construction) pipeline system will be provided
20.	-	-	-	General	<p>Bidder understands that all inputs required to carry out process design i.e. Tap-off/ Tap-in details, pipeline throughput, gas composition etc. shall be made available.</p> <p>Client is requested to confirm bidder's understanding.</p>	Confirmed.





Query raised by M/s Engineers India Limited						
SI No.	Reference of Bidding Document				Bidder's Query	IGGL's Reply
	Section	Page No	Clause No	Subject		
21.	Section VI ( scope of work)	133/139	3.10 / 3.11	Preparation of material specification and BOQ /Cost Estimate	<p>i. Owner to kindly note that as per industry practice, Material Specifications are prepared as part of detailed engineering and not covered in Feasibility reports.</p> <p>Owner to review and confirm.</p> <p>ii. Owner to kindly note that as part of feasibility reports, Bidder shall be providing cost estimate for all major items.</p> <p>However, comprehensive back up for the estimate arrived is not covered as part of DFR.</p> <p>Owner to confirm.</p> <p>iii. Owner is requested to kindly provide Cost estimation accuracy required for DFR Study.</p> <p>iv. Owner is requested to clarify whether only CAPEX is to be provided as part of feasibility reports.</p> <p>(Note: This query supersedes the query at Sl. No. 10 of Set#1 of EIL's pre-bid queries sent on 22.06.22)</p>	<p>i. Material specification is a part of DFR study.</p> <p>ii. Break up of cost estimate to be provided in the DFR.</p> <p>iii. Cost estimate accuracy is as per standard.</p> <p>iv. Both Capex &amp; Opex are required to provide</p>

Query raised by M/s PIPELINE ENGINEERING CONSULTANTS PVT. LTD. (Query vide mail dated.:24/06/2022 & 26/06/2022)						
Sl. No	Reference of Bidding Document				Bidders' Query	IGGL's Reply
	Secti on	Page No	Clause No	Subject		



1	SECTION-VI	133	3.0,3.2	Review of route survey report	Client to confirm bidder understanding: Review of survey shall be in respect to inputs given by client to Survey contractor and survey contractor to submit the final survey data in the client approved formats issued by basic engineering/DFR consultant	Confirmed.
2				General	Client to confirm whether plot/crossing location has been acquired and firm details shall be made available with successful bidder.	Recce Survey Report to be provided to successful bidder
3	SECTION-VI	133	3.0	SCOPE OFWORK	Though the tender is for DFR, but SOW covers following work which are normally part of Detail Design & engineering 1. Basic Design Engineering Package. 2. Carryout piping stress analysis for the station. 3. Piping and support schedule and design. 4. Preparation of drawings such as GAD, Hook up drawing etc. 5. Alignment Drawing. 6. Preparation of crossing drawing for the crossing.  Bidder understand that basic Drawings are to be prepared for finalizing BOQ for Finalization of DFR. No detail GAD, all Alignment sheet engineering preparation is not required	Bidder's understanding is correct
4	SECTION-VI	133	3.0	SCOPE OFWORK	We understand the route is already finalized and survey is completed. The details will be provided to the successful bidder.	Recce survey report will be provided to successful bidder.
5	SECTION-VI	133	3.0, 3.4	Validation of pipeline size.	Kindly confirm have the pipeline sizes already firmed up against which validation expected.	Finalization of pipeline size is under the scope of bidder.
6	SECTION-VI	133	3.0, 3.6	stress analysis for the station piping and support schedule	Stress analysis and support schedule shall be performed based on the details input made available by IGGL	Confirmed.
7				General	All drawings/Documents shall be prepared for the purpose of DFR only and shall be updated during details Engineering and construction phase.	Confirmed.
8				General (Existing station)	We presume that Drawings (plot plan/ Piping GAD etc.) along with the other required documents (PMS, Fire water material specifications etc.) of the existing facilities will be made available by the Client. Same (native files of drawings) shall be shared with the successful bidder.	Confirmed.
9				General Pipeline	BIDDER requests COMPANY to share pipeline details as indicated below: 1. Design Capacity of pipelines 2. Gas composition whether dry or wet	1. Pipeline Design Capacity: 4.75 MMSCMD 2. Product to be transported: Natural Gas (Dry / RLNG)



10				General	Bidder Request company to confirm if requirement of Compressor station is envisaged or not	Compressor Station is not envisaged. However, bidder has to suggest if there is any requirement of compressor station in any particular spurline (new).
11	SECTION-VI	135	-	SCHEDULE OF RATES (SOR)	Whether client shall arrange or Reimburse all Travel, Boarding, Lodging, transportation required for site visit or it shall inclusive in LUMSUM price.	Travel, Boarding, Lodging, Transportation will be re-imbursed at par actual.
12	SECTION-II	15	1.11; Table S.No.A	Past experience as per BEC requirement in last 07 years reckoned from the bid due date.	<p>We (Pipeline Engineering Consultants Pvt. Ltd.) are qualifying both technical and commercial criteria as mentioned in BEC clause no1.1.1.</p> <p>We have completed one similarity pre- project as of now, however as per the requirement of Quality parameter, the marks has been distributed against experience as per BEC compliance are 14 &amp; 6 for Single contract &amp; one no. additional contract respectively.</p> <p>We request company to combine 20 marks for single contract and amend the clause as <b>“One No. of Contract complying with the requirement of technical BEC. -20marks”</b></p> <p>Please note that we are start-up company formed in 2021 having core team of PLECO comprises of Subject Matter Experts(SMEs) from EIL with more than 250man-years of experience in Project Management, Pipeline design, Process, Civil &amp; Structural, E&amp;I, Rotating &amp; Static Equipment.</p> <p>In EIL our Core team has done almost all DFR and detail engineering of all Indian PSUHPCL, BPCL, GAIL,IOCL, OIL in Projects like</p> <ul style="list-style-type: none"> <li>• GREP, Dahej -Vijaypur, Vijaypur-Dadri-Bawna, JLPL etc of GAIL etc</li> <li>• Numaligarh to Siliguri Pipeline of OIL</li> <li>• Vadinar- Bina 1000 km Pipeline of BPCL etc.</li> <li>• Mundra-Delhi Pipeline 1110 km of HPCL etc</li> </ul> <p>Also Core team members PLECO has done feed and Detail engineering for Global Leaders International Project</p> <ul style="list-style-type: none"> <li>• GASCO,</li> <li>• TAKREER,</li> </ul>	Tender conditions prevail



- ADNOC,
- PDO,
- SAUDIARAMCO etc.

Few of the prestigious national and International Projects handled by the core team members are

Pipelines	Size & Length	Client
Barmer – Salaya - Bhogat Pipeline (with Pump station)	24"X 664 km 8" X 450 Km	Cairn Energy, India
Gas export Gas Trunk Pipeline & Flowlines	56" X 100 km 24" to 4" X 320km	Turkmenia
Habshan Ruwais Shuweihat Gas Pipeline	52" X 107 km 48" X 15 km	GASCO, UAE
Inter - Refineries Pipelines (IRP-II)	28" to 10" X 910 km	TAKREER, UAE
Bhagyam Field Development Project	08 production 45 injection well	Cairn Energy, INDIA
Lekhwar Gas (Duplex Stainless steel Pipeline)	16" to 10" X 50 km	PDO, Oman
Midyan gas processing Facilities (with 7 wells)	16" X 83 Km 4" X 45 Km	Saudi Aramco
DahejNagothane Ethane Pipeline (with Pump stations)	12" X 440 Km 8" X 45 Km	Reliance, India
GC-30 of Kuwait Oil Company (KOC)	6" X 212 Km 35 Well-pads.	KOC, Kuwait
Mundra Delhi Pipeline	18" X 1100 km	HPCL, India

Details of CORE Team OF PLECO

Name	Discipline	Experience (In Years)
SURESH KUMAR	Director	37+ Years
ANUPAM DAS	Pipeline Engg.	29+
K. B. KRISHNAN	Projects	35+
DEEPAK DHARMARHA)	Projects	30+



					<table border="1"> <tr> <td>RAVIKANT BHATNAGAR</td> <td>Civil &amp; Structural</td> <td>30+</td> </tr> <tr> <td>A.K. AGARWAL</td> <td>Projects</td> <td>40</td> </tr> <tr> <td>ASHOK SINGH</td> <td>Process</td> <td>35+</td> </tr> <tr> <td>RAJ NARAIN RAI</td> <td>Mechanical (rotating)</td> <td>40</td> </tr> <tr> <td>SANJAY GUPTA</td> <td>Electrical</td> <td>37</td> </tr> <tr> <td>C.M. SARVAIYA</td> <td>Civil</td> <td>40+</td> </tr> </table>	RAVIKANT BHATNAGAR	Civil & Structural	30+	A.K. AGARWAL	Projects	40	ASHOK SINGH	Process	35+	RAJ NARAIN RAI	Mechanical (rotating)	40	SANJAY GUPTA	Electrical	37	C.M. SARVAIYA	Civil	40+	
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13	SECTION-II	15	1.11; Table S.No.B	<p>Key personnel on permanent pay roll of the company since last five years with minimum experience &amp; Educational qualification</p>	<p>We are fully capable carrying out the DFR Jobs of IGGL. Since, we are a Start-up company, it is requested to remove the requirement of 5 years pay roll and amend the clause as <b>“Key personnel on permanent pay roll of the company with minimum experience &amp; educational qualification”</b></p> <p>As stated above were newly formed company started in 2021 meeting the technical and financial criteria as per BEC.</p>	<p><b>Refer Corrigendum no.1</b></p>																		



<b>Query raised by M/s VCS Quality Service Pvt. Ltd.</b> (Query vide mail dtd.:24/06/2022)					
Sl. No.	Tender Clause	Tender Page No.	Description	VCS's Query/Clarification	IGGL Reply
1	SECTION-II BID EVALUATION CRITERIA & EVALUATION METHODOLOGY	Page 9 of 139	1.1 BEC (TECHNICAL)  1.1.1 Past Experience of having successfully completed one similar work* during last 07 (Seven) years to be reckoned from the due date of submission of bid, should be as below:- Single work order value of similar work costing not less than Rs.80.39 Lakhs.  *Similar work: "Preparation of a Detailed Feasibility Report (DFR) of cross-country hydrocarbon steel pipeline"	The Technical BEC Criteria is very much stringent against the Scope of Work. You are requested to modify BEC Criteria as follows:-  Past Experience of having successfully completed one similar work* during last 07 (Seven) years to be reckoned from the due date of submission of bid, should be as below:-  Single work order value of similar work costing not less than Rs.30 Lakhs (Inc. taxes and Duties).  *Similar work: "Preparation of a Detailed Feasibility Report (DFR) of cross-country hydrocarbon steel pipeline".	Tender Conditions prevail
2	SPECIAL CONDITIONS OF CONTRACT Clause 2 Contract Period/ Time of Completion	Page 130 of 139	Contract Period/ Time of Completion  Contract Period for this job is 03 (three) Months from the date of issue of LOA/ FOA (whichever is earlier)	Considering the Scope of Work, Contractual Duration should be minimum 4 months from the date of issue of LOA/ FOA (whichever is earlier). Duration for Submission of Draft DFR should be 3 months from the date of issue of LOA/ FOA (whichever is earlier).	Tender Conditions prevail
3	SCOPE OF WORK 3.0 SCOPE OF WORK Clause 3.2	Page 133 of 139	Review of route survey report (Route survey data and process parameter will be provided by IGGL)	IGGL to confirm if the Route Survey Data/ Reconnaissance Survey Report consisting of Alternate Route options, Coordinates of Start and End Point/ Crossings, Details/ Nos. of Crossings indicating Authorities, List Of District/ Tehsil / Villages Along Pipeline Route, Elevation profile of Pipeline, PDI Data, Soil Data, Average DLC Land rate for intermediate stations, Land Cost of ROU, etc. shall be provided to Consultant as input for preparation of DFR.	Recce Survey report will be provided to successful bidder.
4	SCOPE OF WORK 3.0 SCOPE OF WORK Clause 3.6	Page 133 of 139	Carryout piping stress analysis for the station piping and support schedule and design.	IGGL to confirm the requirement of Stress Analysis Report. As the same is part of detailed engineering package.	Detailed Stress Analysis Report is not under the scope of bidder



5	SCOPE OF WORK 3.0 SCOPE OF WORK Clause 3.7	Page 133 of 139	Preparation of drawings such as Plot Plan, P&ID, GAD, Hook up drawing etc.	VCS understands that only tentative drawings for Plot Plan, P&ID, GAD, Hook up drawing etc. will be in scope of the Bidder.  Please confirm.	Confirmed.
6	SCOPE OF WORK 3.0 SCOPE OF WORK Clause 3.8	Page 133 of 139	Preparation of Schematic Drawing, Alignment Drawing.	Bidder shall prepare the Schematic Diagram based on the Route Survey Data/ Reconnaissance Survey Report provided by IGGL. Please confirm if our understanding is correct.  IGGL to confirm the requirement of Alignment Drawings. As the same is part of detailed engineering package.	Confirmed. Detailed Alignment drawing is not under the scope of bidder.
7	SCOPE OF WORK 3.0 SCOPE OF WORK Clause 3.9	Page 133 of 139	Finalization of crossing methodology & preparation of crossing drawing for the crossing.	Bidder shall provide the Crossing methodology based on the Route Survey Data/ Reconnaissance Survey Report provided by IGGL. Please confirm if our understanding is correct. IGGL to confirm the requirement of Crossing Drawings. As the same is part of detailed engineering package.	Confirmed.
8				As per VCS understanding, CAPEX and OPEX cost needs to be evaluated.  IGGL needs to confirm if IRR calculation is in Scope of Bidder.	IRR calculation is in the scope of bidder.

### Query raised by M/s MECON Ltd.

(Query vide mail dtd.: 05/07/2022)

Sl.No	Bidder's query	IGGL's Reply
1.	<p>With regard to the Bid Evaluation Criteria (Technical) i.e. past Experience of having successfully completed one similar work* during last 07 (Seven) years to be reckoned from the due date of submission of bid, of Single work order value costing not less than Rs.80.39 Lakhs, *Similar work: "Preparation of a Detailed Feasibility Report (DFR) of cross-country hydrocarbon steel pipeline"</p> <p>It may be noted that the single work order commercial value seems very high vis a vis the description of work. Same may kindly be reviewed and reconsidered,</p>	Tender Condition Prevailed



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- 3) All other terms & condition of the tender document remain unchanged.
  - 4) All participating bidders are requested to submit/upload the seal & signed copy of this Pre-bid MOM along with un-priced bid as their acceptance