

Pre-bid meeting of 'Gas pipeline network, WD 7-BSMSN- BEZA'

Sl. No.	Query raised	Clarifications provided
1.	<p>Section Pdf Page No.711</p> <p>Proposed BEZA 2A 2B Gas Network Map</p> <p>There are BEPZA HPDRS-1, BEPZA; HPDRS-2, MEZ; HPDRS-3, BEPZA; HPDRS-4 and 4 Nos "valve station 2A 2B" proposed according to the drawing.</p> <p>Required Clarification</p> <p>What are the proposed 2A 2B valve station and 2A 2B HPDRS in the drawing by CPDN, KGDCL, 2023?</p> <p>Is there any proposed marking/location for 2 DRS for the contract?</p>	<p>Yes, Marked. Drawing is attached herewith.</p>
2.	<p>Part 1, Section II, Page No. 40</p> <p>Bid Data Sheet (BDS)</p> <p>Address and Documents for DRS fabrication plant of Bidder with ISO - 9001, ISO-14001 and ISO 45001/OHSHA 18001</p> <p>Required Clarification</p>	<p>Please follow the 'Request for Bids' document.</p>



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	What are the documents required for DRS fabrication plant of Bidder?	
3.	<p>Part 2, Section VII, Page No. 4 Employer's Requirement Technical specification for skid mounted DRS for 2A, 2B zones at Mirsarai, BEZA, Chattogram. Required Clarification Can we fabricate and assemble the DRSS locally at our fabrication plant?</p>	<p>The plant for DRS fabrication should have ASME approval need to perform high pressure fabrication works, latest modern facilities like certified testing lab having all kind of testing facilities required during fabrication, cutting edge welding & painting facilities, well established quality control department as well as arrangements for required third party inspection as mentioned in the Bid document. If all matters comply for any Bidder then fabrication locally can be acceptable. Please also see the marking for Bid documents.</p>
4.	<p>Page no. 69/70, 4. Experience, 4.2 (b) Specific Experience, "The Similarity of the contracts shall be based on the following: Employer's Requirements. The contracts required to meet the following minimum key requirements: Fabrication, Erection, Installation, Testing & Commissioning of at least 40 MMSCFD RMS/DRS/TBS and complying to ASME requirements." Experience with CTMS (Custody Transfer Metering System) should also be there as CTMS is much more vast and complex (in terms of design, function, equipment's, separators and metering system) in</p>	<p>It can be considered if capacity and pressure comply with Bid requirements.</p>

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5.	<p>nature relatively with RMS/DRS/TBS. The function of DRS are pressure regulation, metering and measurement, distribution control, safety measures and remote monitoring and automation to deliver gas to various districts or areas. On the other hand, similar functions can also be done by CTMS.</p> <p>Please evaluate CTMS and include in criteria</p> <p>Page no. 67, 3 Financial Situation, 3.2 Average Annual Turnover for Joint Venture each member must meet Forty percent (40%) of requirement whereas in the next column "at least one member" must meet Twenty five percent (25%) of the requirement" which is contradictory.</p> <p>Specify please.</p>	<p>It is not contradictory.</p> <p>we are rectified it as "Joint Venture-each member must meet Twenty five percent (25%) of requirement; "at least one member" must meet Forty percent (40%) of the requirement".</p>
6.	<p>Same as above contradiction also for page no. 68, 3 Financial Situation, 3.3 Financial Resources.</p> <p>Please specify.</p>	<p>we are rectified it as "Joint Venture-each member must meet Twenty five percent (25%) of requirement; "at least one member" must meet Forty percent (40%) of the requirement".</p>
7.	<p>Page no. 370, "Section VII - Employer's Requirements", in the Note Written as "After supply, samples of pipeline, pipe fittings, coating and wrapping materials (as per Employer's choice) shall be tested for</p>	<p>Bidders will include 30 nos of test (strength and composition) cost in their proposal. Employer will choose the sample from supplied materials as mentioned in Bid.</p>

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	<p>quality assurance in Employer's country (in BUET). Bidder will bear the cost. At this stage if the test result results do not comply with contract specifications, then Employer has the right to reject the products."</p> <p>Please specify what will be the basis of choosing samples.</p>	
8.	<p>Page no. 375, Section VII – Employer's Requirements, N.B.: 5. "Bidder will bear cost for endorsement of NDT report of welding (from BUET) as mentioned in their proposal.</p> <p>From our early experience it is notable that, endorsement basically conducted by an expert NDT inspector having Level II certification. As Bangladesh Atomic Energy Commission have (they also provide training & certification) level -II certification, they can do film interpretation. BUET also can endorse if they have level-II certification in film interpretation.</p>	<p>Endorsement of NDT report of welding will be performed in BUET/ Bangladesh Atomic Energy Commission.</p>
9.	<p>Page no. 375, Section VII – Employer's Requirements, d) Civil Works, Sl. No. b, here not mentioned the frequency of distance mechanical compaction test.</p> <p>– Please specify.</p>	<p>1 test for every 500 sqm of each layer</p>
10.	<p>Please provide us the initial basic drawings, design, P&ID etc. of the project.</p>	<p>Drawing is attached herewith.</p>
11.	<p>Please provide the word format of tender document to make tender preparation works easier and quicker.</p>	<p>Bidders with the word format. who have purchased and will purchase the</p>

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12.	Please confirm for financial submission (1 original and 1 copy?).	bidding document will be provided Yes.
13.	Requesting Time extension for bid submission.	The deadline for Bid submission is: Date: 29 April 2024 Time: 14:00 hours (Local Time)
14.	With reference to the above, we would request you to kindly provide your clarification for following: n1 the Bidding Documents at pages 69 &70 (attached), Sub-Factor 4.2 (b) Specific Experience, it is Management it Contractor in least one Contract within last ten 10 years, at have. been successfully and substantially completed and that are similar to the proposed plant and installation services. The similarity of the contracts shall be based on the following employers' requirements: The Contracts required to meet the following minimum key requirements: Fabrication, Erection, Installation, Testing &Commissioning of at least 40 MMSCFD RMS/DRS/TBS and complying ASME requirements. For the above, or other contract executed during the period stipulated in above paragraph, a minimum experience in the following key	Last selling of bidding document: During office hours, upto 28 April 2024. In every case, for contracts under which the Bidder participated as a joint venture member or sub-contractor, only the Bidder's share, by value, shall be considered to meet the requirement.

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	<p>activities: Min 16 inch diameter, min 350 psig pressure at least 18 kilometer gas pipeline construction under a single contract".</p> <p>in the foot note, the criterion is also written as "For Contractors under which the Bidder participated as Joint Venture member or Sub-Contractor, only the Bidders share by value shall be considered to meet the requirement".</p> <p>Having perused the clause, we came in to the following conclusion regarding experience criterion:</p> <p>a) The financial participation would be considered to each partner according to their share invested for the completion of the works as mentioned in the aforesaid footnote. This is important for calculating the annual turnover of the partner/s.</p> <p>b) In a Joint Venture agreement, all the Joint Venture Partners are individually 100% liable to the quality & quantity of the completed works. Hence the experience count would be 100% of completed work in favor of each participated partner in the Joint Venture agreement.</p> <p>So, please comments on and confirm that our understanding is correct?</p>	

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15.	<p>Section VII, Page No. 365, Section Name-Employer's Requirement Attachment, Description- Schedule of Requirements Required Clarification</p> <p>There are no details of 4 nos. Valve Station in the Schedule of Requirements.</p> <p>It's required to include the details of Valve Station as Details of DRS 1 (One) DRS: (Page No. 381)</p> <p>Please provide the details of Valve Station.</p>	<p>Information given in the drawings for valve stations. For civil works of valve station civil work's drawing will be applicable.</p>
16.	<p>Section Drawings, Description- Drawing of 'Gas Pipeline Network, Package No.: WD-7-BSMSN-BEZA'</p> <p>Required Clarification</p> <p>You provided 4 Drawings through email on 01-03-2024.</p> <p>There are no layout plans or drawings included in the tender document.</p> <p>Please provide the layout plan for the total plant.</p>	<p>Drawing is attached herewith.</p>
17.	<p>Section VII, Page No. 383, Section Name-Employer's Requirement Attachment, Description- Details of DRS 1 (One) DRS:</p>	<p>"Ultrasonic meter part" will be deleted.</p>

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	<p>Required Clarification</p> <p>E. Orifice Metering Unit</p> <p>Please clarify drawing (Ultrasonic Meter Part).</p>	
18.	<p>Section Drawings, Description- Drawing of 'Gas Pipeline Network, Package No.: WD-7-BSMSN-BEZA',</p> <p>Required Clarification</p> <p>Please provide the GPS Coordinates of the whole Gas Pipeline Network and the plants</p>	<p>Approximate GPS Coordinates of the whole Gas Pipeline Network and the plants are attached herewith.</p>
19.	<p>Section VII, Page No. 40, Section Name- Bid Data Sheet, Description- List of additional documents No. 13</p> <p>Required Clarification</p> <p>Please provide all the BSMSN, BEZA Codes, Standards and Guidelines.</p>	<p>No. 13 is for codes and standards that will be proposed and/or followed by the Bidder during execution of the whole works.</p>
20.	<p>Soft Copy Tender Document</p> <p>Required Clarification</p> <p>As discussed in the pre-bid meeting, it's hard to navigate within the Tender Document without the soft copy tender document. Please provide the soft copy as soon as possible.</p>	<p>Already word format of tender document handed over to the bidders.</p>
21.	<p>Section Pipeline Length, Description- Attachment -1,</p> <p>Required Clarification</p>	<p>Bidder have to consider Schedule of Requirements for their Bid submission. Schedule of Requirements already have the pipe lengths for material supply as well as pipe line construction works.</p>



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	<p>The length of the total pipeline network from Google maps is found 12.5 KM approximately. Please see the attachment -1.</p> <p>Please clarify actual route of 28 KM pipeline network.</p>	
22.	<p>Section Drawing of 'Gas Pipeline Network, Package No.: WD-7-BMSN-BEZA', Section Name- Valve Station, Description- Valve Station - 1 and Valve Station -2 (16 inch), Required Clarification</p> <p>Please provide the location of valve station 1, 2, 3 and 4 in the proposed BEZA 2A 2B Gas Network Map</p> <p>Please provide the P&ID of Valve Station 3 and 4</p>	<p>Drawing is attached herewith.</p>
23.	<p>Section Drawing, Section Name- Pig, Description- Pig Receiver Piping Details at MEZ</p> <p>Required Clarification</p> <p>Please provide the 24 inch Pig Receiving and Piping details at MEZ and 24 inch Pig Launcher.</p>	<p>Please see the drawings. 24 & 16 inch Pig Launcher and Receiver will be symmetrical. For 24 inch, the 16 and 20 inch of drawing will replace by 30 & 24 inch. Also 600# of figure will be replaced by 300#. No requirements for Anchor Flange. Bidder need to submit drawings of their proposed Pig Launcher and Receiver for both 24 & 16 inch lines.</p>
24.	<p>Section Drawing, Section Name- Pig Launcher, Description- Hot Tapping to be done with existing BKB-CTG Pipeline</p>	<p>Hot tapping is not included in Schedule of Requirements.</p>

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	<p>Required Clarification</p> <p>Please confirm whether Hot Tapping is included in the project or not?</p>	
25.	<p>Section GPS Coordinates, Description- Proposed BEZA 2A 2B Gas Network Map</p> <p>Required Clarification</p> <p>Please provide the GPS coordinates of the Gas Network Map. We can not start root mapping without the coordinates.</p> <p>It's vital for designing the whole Gas Network in BSMSN, Mirsarai.</p>	<p>Approximate GPS Coordinates of the whole Gas Pipeline Network and the plants are attached herewith.</p>
26.	<p>In continuation with the previous "Clarification of Bid purposes" Reference No.: PEAL/BEZA/022024/001 dated 29-Feb-2024, we would like to bring your attention for the below mentioned clarifications.</p> <p>Page No. 57, Section III - Evaluation and Qualification Criteria, "Technical Part Scoring Methodology" Items - General 4th row, Understanding of Employer's requirements.</p>	<p>Bidder have to submit their written understanding/comments on Employer's requirements. As a minimum, Bidder will mention that, to what extent, the Employer's requirements are consistent with proposed work.</p>

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27.	<p>Please specify what to do. Do we have to submit a written document or any others? Please specify the content of the documents to be submitted.</p> <p>Please revert us within shortest possible time for continuing preparation of documents for bid submission. Your cooperation in this regards would highly be appreciated.</p> <p>Please provide us the clarification of the following items:</p> <ol style="list-style-type: none"> 1. Pig Launcher and Receiver Data sheet and drawings also provide Pig Launcher Station details; 2. Manufacturers inform us that Line Pipes size/dia 14,12,10,8 inch shall be ERW or SMLS instead of LSAW, please clarify? 3. Whether actuator will be required for all type of Ball Valves or Not, Please clarify. 4. Please find attached the Proposed Piping & Instrumentation Diagram of DRS for 50 MMSCFD Capacity at Mirsharai, BEZA. After Filter Separator to Metering unit our calculation seems that 12" dia pipe will be sufficient instead 16" Line Pipes. On the other hand, After Regulating Unit we propose 150 Class instead of 300 Class, Please Clarify and comments on urgent basis. 	<ol style="list-style-type: none"> 1. Please see the drawings. 24 & 16 inch Pig Launcher and Receiver will be symmetrical. For 24 inch, the 16 and 20 inch of drawing will replace by 30 & 24 inch. Also 600# of figure will be replaced by 300#. No requirements for Anchor Flange. Bidder need to submit drawings of their proposed Pig Launcher and Receiver for both 24 & 16 inch lines. 2. As per Bid documents. 3. Please see the concern data sheet and schedule of requirements. Only 24 inch valve requires gas powered actuator. 4. As per Bid documents.