



UCH COMPRESSION PROJECT



Design Engineering, Procurement (Supply), Construction, Installation/Erection, Pre-Commissioning, Commissioning & Start-up (including performance testing and Reliability Guarantee Test) of Compression System at UCH Compression Project
Tender Enquiry No. PROC-FC/CB/PROJ/UCH(COM)-4462/2019

PRE-BID CLARIFICATION-22

Item No.	Tender Document Reference	Query	Response
1	Appendix-C (Bid Price Schedule) S.No. 1.2 and 5.7	Bidder understand that There is no need to fill price in S.No 5.7 because the price of local bulk supplies part has been added in the S.NO.1.2.	Bidder to fill price in Sr. No. 5.7 as mentioned in Appendix-C as per tender requirement.
2	0221-LS-9335-0 (Line List) DC piping class pipe thickness	As per the process line list, the design pressure for DC piping class for PG, PF, CD & FG services are 1350psig. Bidder received the DC piping class in the Pre-Bid Clarification-11. During the thickness verification of DC class, Bidder noticed that the design pressure considered is not for 1350 psig, but around 870 psig only (based on the calculation on the selected thickness) which is not in line with the process line list design condition. COMPANY to clarify whether Bidder can follow the DC1 piping class (1370 psi) which is in line with process line list design condition.	Both DC & DC1/DC2 piping specs are related to UCH project. Therefore, bidder to refer respective piping spec which fulfills the process design conditions i.e. pressure etc. In that case, bidder can refer DC1 spec for DC related lines.
3	0221-LS-9335-0 (Line List) DC piping class pipe thickness	Bidder noticed that for 14" onwards SMLS and EFW pipes are mentioned with same thickness. As per Bidder understanding due to the different mill tolerance values for A312 (12.5%) and A358 (0.3mm) the thickness will be different. Also Bidder request COMPANY to clarify whether Bidder can consider only EFW pipe from 16 inch onwards.	Bidder to consider A-312 SMLS pipe for 14" and onwards.
4	PRE-BID CLARIFICATION-11 CL -4462-11 DC class material	As per DC piping class the grade mentioned as 304L only. But as per 0221-PA-2000-A (Specification for Piping design and Material), DC1 the grade is 316/316L (dual certificate). COMPANY to clarify whether Bidder can follow the same material as per DC class.	Bidder to consider DC1 grade i.e. 316/316L (dual certificate).
5	PRE-BID CLARIFICATION-11 CL -4462-11 <u>4985-PA-2002a- SPECIFICATION FOR PIPING MATERIAL DESIGN</u> Valve Material details	As per the "Specification for Piping Material Design" document, valves material details are not mentioned. Bidder request COMPANY to provide the Specification/datasheet for these valves.	Valve details i.e. size, rating, operation, end connection etc. have already been mentioned. However, bidder to propose material and body construction in accordance with Doc. No. 4985-PA-2002 where similar size and rating valves are already mentioned. Same shall be submitted for OGDCL/ENAR review & approval (by successful EPCC bidder)



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6	<p>PRE-BID CLARIFICATION 13 CL-4462-13</p> <p><u>SECTION – III Scope of Work, 3.8</u></p> <p>0221-DS-1709-0 (Methanol Injection Skid), Scope details, Section D</p> <p>Shed Requirement is specified. However, Requirement of Lifting arrangement is not specified. Company to advise on Lifting arrangement. Also, for below equipment, please advise whether shed or lifting facility is required:</p> <p>(1) Utility Water Pump (2) Cooling Water Pump</p> <p>Owner response in CL-4462-13: Please refer Sec.3.8 of SEC.III (scope of work) where overhead crane for lifting equipment requirement is clearly mentioned. For Utility & Cooling water pump lifting facility or shed, please note that EPCC contractor shall finalize such requirements during detailed engineering and submit for OGDCL/ENAR review and approval.</p>	<p>COMPANY kindly note that refer to Section 3.8 of Section III (Scope of Work), Lifting Crane requirement is given for Turbo-Compressor Package only.</p> <p>However, For IA/N2 Package and Methanol Injection Skid Package, No Lifting facility (EOT / Manual Crane) requirement is mentioned under this clause, though they are also to be installed with SHED.</p> <p>Does this mean that No crane is required for above IA/N2 and Methanol Skid package? Company shall clarify.</p> <p>Also, Company shall inform Code requirements / provide Specification and Data Sheet for Crane.</p>	<p>For IA/N2 Package and Methanol Injection Skid Package, EPCC contractor shall finalize Lifting facility (EOT / Manual Crane) requirements during detailed engineering and submit for OGDCL/ENAR review and approval.</p>
7	<p>Ann-VI _Bid Bond Ann-X _Performance Bond Appendix-J _Advance Payment</p>	<p>Regarding format of Bid Bond, Performance Bond and Advance Payment Guarantee, after communication with Bank of China and Pakistan Habib Bank Limited, bidder observed that Guarantee Validity and other terms are not clearly stipulated therein. Therefore, bidder revised the format and confirmed by bank. Company are kindly requested to consider or confirm the new format as attached 1.</p>	<p>Not acceptable. Bidder to adhere with the tender formats.</p>