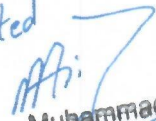


PRE-BID CLARIFICATION#02
AGAINST T.E#PROC-FB/CB/PROD-4615/2020

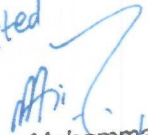
This is with reference to subject tender enquiry and query received from prospective bidder, please be noted following clarifications:

Sr#	<u>Bidder Query:</u>	<u>OGDCL Reply:</u>
1	<ol style="list-style-type: none"> 1. Please provide following technical details: 2. Required Material of internals, gasket and valve packing of Gate Valves. 3. Required Type of gate of Gate Valves. Operation form/ type of hand-wheel (Valve Handle) 	<ol style="list-style-type: none"> 1. Material of internals, gasket and valve packing of Gate Valves must be suitable for Hydrocarbon (Sour) Service. 2. Type of gate of Gate Valves must be according API 6D and suitable for Hydrocarbon (Sour) Service. 3. Operation form/ type of hand-wheel (Valve Handle) : Lever Type
2	Please provide Outside Drawings of ANCHOR FLANGE,4", ANCHOR FLANGE,6" & ANCHOR FLANGE,8". Outside Drawing should indicate the boundary dimension of ANCHOR FLANGE, including outer circle diameter and height.	Anchor block design must be according to specifications/ mentioned in SOR and compliance to ASME/ ANSI B16.5.
3	Ref OGDCL Annexure-A/SOR Page No. 13 of 14 (Annexure-1) Point No. 6, 7 & 8, if OGDCL accept these documents from the manufacturer instead of bidder, we can provide. Please confirm.	Ref OGDCL Annexure-A/SOR Page No. 13 of 14 (Annexure-1) Point No. 6, 7 & 8, required documents from the manufacturer instead of bidder are acceptable.
4	We think there could be an error, as for the valves Bid Bond is mentioned US\$ 3,50. Is it possible that the bid bond is \$3,500? Or it is confirmed \$350. Please check as far as possible and let us know.	It is confirmed as \$350/-
5		<ol style="list-style-type: none"> 1. Item 79 and 80 of SOR should be read as "Poly Ethylene Mechanical Protection Tape" instead of "PVC Mechanical Protection Tape". Besides, "Poly Ethylene" should be read instead of "PVC" if mentioned in tender documents. 2. Item 43 of SOR should be read as (1" on 6") instead of (3/4" on 4").
6	<p>Please clarify with OGDC : Ball Valves are requested to be API6D, while API6D is N/A for sizes <2". Thus API6D that they request is N/A... Or am I missing something...?</p> <p>- Please confirm that, Technical specification Viscoelastic coating material (Appendix-1) is applicable for group E (Not Group A)</p> <p>- Data Sheets for valves are missing. Are there any? Or we have to stick at the description of ANNEXURE A - Schedule of Requirements?</p> <p>- Point 13 of Annexure -2 "TERMS & CONDITIONS" for the bidders compliance : requirement for submission of financial report of the last 3 years; what happens if for example I participate, and my operations had started now and I do not have any financial history to show?</p>	<ol style="list-style-type: none"> 1. ASME B16.34 should be read instead of API 6D in tender documents. 2. Technical Specification as "Appendix-1" is applicable on Group-E only. 3. Bidder should follow the SOR specifications for Valves. 4. Submission of Financial Reports should be as per Tender Documents.

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7	<p>For Item # 74: -What is the pipe OD? -What is the pipe material? -Is a cover required?</p> <p>For Item # 77: -What is the pipe OD? -What is the pipe material? -Is a cover required? -Do you want the cover with or without a center hole?</p> <p>For Item # 78: -What is the pipe OD? -What is the pipe material? -Is a cover required? -What is the tee size required? -What is the injection tube size required?</p>	<p>For item 74, 77 & 78 of SOR pipe OD is not required. However, Pipe sizes are 4" sch. 160, 6" sch 160. Pipe material is API 5L, X52, PSL2, Nace MR 0175 compliance.</p> <p>Following may also be added in description of item 74, 77 & 78 of SOR. "0.0625" weld gap. With Cap and Bleeding Nut. High pressure up to 6000 psi.</p> <p>Item 74 and 77 should be provided with Cosasco Retrievable kits.</p>
8	There is nothing stating temp of application or medium to assess suitability ?	Design temperature should be -20°F to +250°F. Medium is Hydrocarbon Gas (Sour), Hydrocarbon Liquid (Sour) and Hydrocarbon mix fluid (sour).
9	Will provide forged iron, a105n normally.	Material should as per SOR.
10	The size shall be 1/2"?	Item 43 of sor should be read as (1" on 6") instead of (3/4" on 4")
11	Required more detail or drawing such as type of connection, material, temperature range	Type : NPT threads. Material : SS316 Compatible Temperature gauge (Wika brand or equivalent) having dual dial of °c and °f with range 0°c to 120°c should be provided along with thermowell.
12	Pressure range? The material of access fitting body is a105n? The material of solid/hollow plug is ss316? Is it necessary for protective cover? Which type? Pressure part or not? Required material?	Following may also be added in description of item 74, 77 & 78 of SOR. "0.0625" weld gap. With cap and bleeding nut. High pressure up to 6000 psi.
13	In Annexure A, Item no. 79 and 80 mention PVC Mechanical Protection tape whereas Appendix-1 specification Mechanical Protection tape are for polyethylene tape (PE). Similarly its mentioned PVC / PE at different places in tender document. Can you please confirm type of Mechanical Protection tape required? The manufacturer recommends polyethylene tape as they have better Heat Ageing and mechanical strength.	"Item 79 and 80 of SOR should be read as "Poly Ethylene Mechanical Protection Tape" instead of "PVC Mechanical Protection Tape". Also, anywhere in tender documents "PVC" mentioned should be read as "Poly Ethylene"

NOTE: All other terms & conditions remain unchanged.

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