


Clarification of Tenderer's Queries Against Tender No. 28.15.0000.278.32.002.21 Date: 06/12/2021 For Procurement of 20" Induction Bend and Fitting Materials.

SL No.	Tenderer's Queries	KGDCCL'S Clarification					
1	<p>Please clarify the grade of these items</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>10" (WT 7.9mm) X 10" (WT 7.9mm) X 10" (WT 7.9mm) Equal Tee</td> </tr> <tr> <td>10"Φ X 90° LR Elbow (Sch-30)</td> </tr> <tr> <td>8"Φ X 90° LR Elbow (Sch-30)</td> </tr> <tr> <td>10" OD #300 IJ WT = 7.90 mm</td> </tr> <tr> <td>8" OD #300 IJ WT = 7.90 mm</td> </tr> </table>	10" (WT 7.9mm) X 10" (WT 7.9mm) X 10" (WT 7.9mm) Equal Tee	10"Φ X 90° LR Elbow (Sch-30)	8"Φ X 90° LR Elbow (Sch-30)	10" OD #300 IJ WT = 7.90 mm	8" OD #300 IJ WT = 7.90 mm	<p>i) For 20" OD fittings, Material will be WPHY 52 and Standard will be MSS -SP 75.</p> <p>ii) For 10" & 8" OD fittings, Material will be ASTM A234 WPB and Standard will be ASME B16.9.</p> <p>iii) For IJ, it will be in accordance with API Spec 5L as per Technical Specification stated in the page no 103 in Tender Document.</p>
10" (WT 7.9mm) X 10" (WT 7.9mm) X 10" (WT 7.9mm) Equal Tee							
10"Φ X 90° LR Elbow (Sch-30)							
8"Φ X 90° LR Elbow (Sch-30)							
10" OD #300 IJ WT = 7.90 mm							
8" OD #300 IJ WT = 7.90 mm							
2	<p>Thank you for invitation. Please let us know exactly -Material (mother pipe or Bends). -OD & WTH & Length -Each item description and quantity.</p>	<p>Questions are not clear.</p>					
3	<p>In the schedule of requirement section it is stated that delivery date required will be 180, whereas notice section mentioned 120 days. What are exact days?</p>	<p>Time for completion of delivery for both lots will be 120 days.</p>					
4	<p>Lot 1: Induction Bend: a. The Bends are to be made with pipes LSAW Line Pipe API 5L X52 PSL2, made according to Spec. 28.15.0000.278.32.001.21, but this is missing in the tender documents. b. Confirmation that Bends are to be bare or with temporary antirust protection to manufacturer std and not coated.</p>	<p>Lot 1: Induction Bend: a. Spec of stated tender is attached (Soft Copy). b. Bends will be antirust.</p>					

<p>c. In the tender specification there is not mention any Third-Party Inspection for Bend. But in the Section 4: Particular Conditions of Contract GCC 23.2 (page 56) & GCC 32.1 (page 58) have following:</p> <p>GCC 23.2 (page 56) xi. Inspection certificate as per EN 10204 Type 3.2 original by third party from BV/TUV/UKAS/LRQA/LR/DNV xii. Test Report as per Technical Specification Section's discussion for each bend witnessed by third part from BV/TUV / UKAS/LRQA/LR/DNV. GCC 32.1 (page 58) The supplier will be responsible to carry out test as specified in the technical specification by third party from BV/TUV/UKAS/LRQA/LR/DNV at their premises and at their own cost and responsibility.</p> <p>So, please confirm do you need Third Party Inspection for Bend (Lot-1)? Do you need inspection certificates MTC EN10204 type 3.2 for Bend (Lot-1)?</p> <p><u>Lot 2: Fittings:</u></p> <p>a. What Material do you require for Fittings (Tee, Elbow, End Cap)? In the tender specification section-7 Part 1 : 1.4 (pages 92), it is written that fitting will joint with main pipeline API 5L X52 (PSL-2). The chemical composition of the pipe material used as transition piece for the fittings shall fall within as per Table 5 of API Spec 5L, 46th edition. But in Part 3: 3.10 : (page no.97) have written ASTM A234 WPB. So, please confirm the require fittings material?</p> <p>b. What standard will follow for Butt Welding Fittings (Tee, Elbow, end Cap) ? ASME B 16.9 or MSS-SP 75. In the tender specification pages, it is written ASME B 16.9, MSS -SP 75, some places it is written ASME B 16.9 OR MSS-SP 75. But in other pages it written ASME B 16.9. (i.e : MSS-SP 75 for NPS 16" to size 60" and ASME B 16.9 for NPS ½" to 48")</p> <p>c. Section 6: Schedule of Requirement: Item 6 & 7: Elbow 20" LR (5D): are</p>	<p>c. Yes, Third Party Inspection (TPI) with Certificate is necessary.</p> <p><u>Lot 2: Fittings:</u></p> <p>a. Material will be ASTM A234 WPB.</p> <p>b. For NPS 20" standard will be MSS -SP 75 and for less than 20" standard will ASME B 16.9.</p> <p>c. Both ends will be with Tangent Length.</p>
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<p>these two items are Long Radius Elbow where Radius 5D = 5 x 508mm = 2540mm?</p> <p>And these two items will be without any Tangent Length on both end? Please confirm this.</p> <p>d. Section 6: Schedule of Requirement: Item 32. End Cap: what is thickness? Is this STD (9.53mm) or Sch.40 (15.09)? Please confirm?</p> <p>e. Forged Fittings Weld-O-Let what will be the material?</p> <p>In the tender specification pages, it is written ASTM A105. Please Confirm.</p> <p>Flanges: In the tender specification there is mention only Third-Party Inspection for Flanges. But as per GCC 23.2 (page 56) also require Inspection test certificate EN10204 Type 3.2. So, please confirm do you need MTC EN10204 type 3.2 for Flanges?</p> <p>Gasket: a. As per Section -6 Schedule of Requirement: all gasket sizes are not above 20" (508mm). In the Technical Specification section 7 (page 101) : it is written that ANSI B16.5 for size up to 610mm. i.e : ANSI B16.5 is used for Flange Standard.</p> <p>Is the gasket standard ASME B 16.20 ? Please confirm the Gasket standard? As per description it is Spiral Wound Gasket with Inner & Outer Ring.</p> <p>Please confirm the Materials for Inner & Outer Ring? Do we use Inner and Outer Ring : Stainless Steel 304, Windings: SS304+Graphite?</p> <p>In the tender specification there is mention only Third-Party Inspection for Gasket. But as per GCC 23.2 (page 56) also require Inspection test certificate EN10204 Type 3.2. So, please confirm do you need MTC EN10204 type 3.2 for Gasket?</p>	<p>d. Thickness of End Cap will be 9.53mm.</p> <p>e. Material will be ASTM A105.</p> <p>Flanges: Yes. MTC EN10204 type 3.2 for Flanges is necessary.</p> <p>Gasket: a. Gasket Standard will be ASME B 16.20, which is substantially suitable for use with flanges standard ASME B16.5.</p> <p>Yes. Use Inner and Outer Ring : Stainless Steel 304, Windings: SS304+Graphite.</p> <p>Yes. MTC EN10204 type 3.2 for gaskets is necessary.</p>
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<p>Stud Bolts and Nuts: In the tender specification there is mention only Third-Party Inspection for Stud Bolt. But as per GCC 23.2 (page 56) also require Inspection test certificate EN10204 Type 3.2. So, please confirm do you need MTC EN10204 type 3.2 for Stud Bolt & Nut?</p> <p>Insulating Joint: a. In the Price Schedule & Section -6 Schedule of Requirement, IJ thickness are IJ OD 20" WT9.53mm , IJ OD 10" WT7.90mm ,IJ OD 8" WT7.9mm but in the specification pages (103) thickness are IJ OD 20" WT9.52mm , IJ OD 10" WT9.27mm ,IJ OD 8" WT8.18mm Please confirm what thickness is required?</p> <p>b. In the tender specification there is not mention any Third-Party Inspection for Insulating Joint. So, do you need Third Party Inspection for Insulating Joint? Do you need MTC EN10204 type 3.2?</p> <p>Casing Insulator, End Seal & Pressure Gauge: a. As per tender specification, no need any third-party inspection. Please confirm this.</p>	<p>Stud Bolts and Nuts: Yes. MTC EN10204 type 3.2 for for Stud Bolt & Nut is necessary.</p> <p>Insulating Joint: a. Please follow Price Schedule form PG4-3B, page 71 and Section-6 Schedule of Requirement's page 83.</p> <p>b. Yes. Third Party Inspection (TPI) with Certificate is necessary.</p> <p>Casing Insulator, End Seal & Pressure Gauge: a. Yes. Third Party Inspection (TPI) with Certificate is necessary.</p>
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