

Clarification No. 02

TENDER ENQUIRY NO. PROC-SERVICES/CB/WS-4955/2021

HIRING OF CEMENTATION SERVICES ALONG WITH CEMENT CLASS “G”, CEMENT SLURRIES, PRE FLUSHES & ADDITIVES FOR WELLS/ RIGS IN SOUTHERN REGION (SINDH AND BALUCHISTAN PROVINCES)

Sr. No	Bidder's Clarification	OGDCL's Reply												
1.	<p>With reference to the TOR document, we require clarity over the defined temperatures.</p> <p>Slurry 5.3, 5.4 & 5.5 have a definition as temperature UPTO “160 deg F”, “210 deg F” & “375 deg F”. This provides an understanding that a slurry with any temperature below 375 deg F can be accommodated in 5.5, and hence 5.3 & 5.4 have no validation. What we understand, based on the previous TOR documents, temperature ranges should be 80-160 deg F, 161-210 def F, 211-375 deg F respectively. However, we kindly request confirmation from your end with respect to this.</p> <p>Similar applies to Latex-based cement slurries, 5.6 & 5.7. The temperatures are mentioned as LESS THAN “160 deg F” & “210 deg F”. This suggests that Anti Gas Migration slurry with any design temperature less than 210 deg F would be from Case 5.7, and hence no validation for 5.6. Otherwise, please confirm if the temperature ranges should be 80-160 deg F for 5.6 and 161-210 deg F for 5.7.</p>	<p>TORs are self-explanatory however for clarification Temperature ranges of Cement Slurries at Sr no. 5.3,5.4 ,5.6 & 5.7 of Section-B of Annexure II are clarified and listed below:</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Sr. No</th> <th style="width: 90%;">Temp Range</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">5.3</td> <td>Up to 160^o F</td> </tr> <tr> <td style="text-align: center;">5.4</td> <td>161^o F - 210^o F</td> </tr> <tr> <td style="text-align: center;">5.5</td> <td>211^o F - 375^o F</td> </tr> <tr> <td style="text-align: center;">5.6</td> <td>Up to 160^o F</td> </tr> <tr> <td style="text-align: center;">5.7</td> <td>161^o F - 210^o F</td> </tr> </tbody> </table>	Sr. No	Temp Range	5.3	Up to 160 ^o F	5.4	161 ^o F - 210 ^o F	5.5	211 ^o F - 375 ^o F	5.6	Up to 160 ^o F	5.7	161 ^o F - 210 ^o F
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02	Please confirm upper limit of temperature for slurry in 5.80.	Upper limit of temperature for slurry at 5.8 of Section-B of Annexure II is 400 ^o F.												
03	<p>Please advise OGDCL case number applicable to the below 5 slurry models.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #f4a460;"> <th style="width: 15%;">Slurry</th> <th style="width: 85%;">Detailed Description</th> </tr> </thead> <tbody> <tr> <td style="text-align: center; vertical-align: top;">Slurry-1</td> <td>Low Temperature Conventional Cement slurry having Sp.gr. from 1.80 to 1.94 and Design temperature: 160 °F with compressive strength more than 2000 psi, Free fluid=0 and Fluid loss less than 250ml.</td> </tr> </tbody> </table>	Slurry	Detailed Description	Slurry-1	Low Temperature Conventional Cement slurry having Sp.gr. from 1.80 to 1.94 and Design temperature: 160 °F with compressive strength more than 2000 psi, Free fluid=0 and Fluid loss less than 250ml.	Detailed description of slurry models is self explanatory however apply the case in the light of Temp Ranges clarified above.								
Slurry	Detailed Description													
Slurry-1	Low Temperature Conventional Cement slurry having Sp.gr. from 1.80 to 1.94 and Design temperature: 160 °F with compressive strength more than 2000 psi, Free fluid=0 and Fluid loss less than 250ml.													

	Slurry-2	Medium Temperature Conventional Cement slurry having Sp.gr. from 1.80 to 1.94 and Design temperature: 210 °F with compressive strength more than 2000 psi, Free fluid=0 and Fluid loss less than 250ml.	
	Slurry-3	High Temperature Conventional Cement slurry having Sp.gr. from 1.80 to 1.94 and Design temperature: 245 °F with compressive strength more than 2000 psi, Free fluid=0 and Fluid loss less than 250ml.	
	Slurry-4	Low Temperature Latex Based Anti-Gas Migration Expandable Cement slurry having Sp.gr. from 1.80 to 1.94 and Design temperature:159 °F with compressive strength more than 2500 psi, Free fluid=0 and Fluid loss less than 50ml.	
	Slurry-5	Medium Temperature Latex Based Anti-Gas Migration Expandable Cement slurry having Sp.gr. from 1.80 to 1.94 and Design temperature: 209 °F with compressive strength more than 2500 psi, Free fluid=0 and Fluid loss less than 50ml.	