

# **Clarification No. 01**

**TENDER ENQUIRY NO. PROC-SERVICES/CB/WS-5101/2021**

**HIRING OF CEMENTATION SERVICES ALONG WITH CEMENT  
CLASS “G”, CEMENT SLURRIES, PRE-FLUSHES & ADDITIVES  
FOR WELLS/RIGS IN NORTH REGION PUNJAB AND KHYBER  
PAKHTUNKHWA (KPK) PROVINCE**

<b>Query No.</b>	<b>Bidder Query</b>	<b>Questions reference, please specify article/item number if applicable</b>	<b>Company’s response/answer</b>
1	Please share number of wells to be drilled and number Rigs	Page 3 - Introduction	Well 16 to 20. Rigs 6 to 8.
2	Please share reference well data - MD/TVD, OH, Casing / Liner, TG, FP, FG, Survey (if any), Mud data.	Page 3 - Introduction	Pasted at 2 <sup>nd</sup> Page of this Clarification
3	Please provide BHST and BHCT of Test Range Temperature.	Page 13- 16 Section: "D" "Tentative Well Designs / Sample Cases.	Test will be conducted as per the temperature mentioned in Test Range. TORs are self-explanatory
4	Is local API Class G HSR acceptable if it meets API 10A spec requirement?	1.7, Page 6, SECTION ‘B’ – KEY ACCEPTANCE CRITERIA,	As per TOR. Clause 1.7 Page 6 Section B
5	Is refurbished / re-build to bidder standard cement units acceptable ?	2.1.1, Page, 8, SECTION ‘C’ – TECHNICAL EVALUATION CRITERIA	Evaluation will be done as per TOR, for equipment age.

0108 00110

WELL CONSTRUCTION		DEPTH (METERS)		HOLE SIZE (INCHES)		CASING SIZE		FORMATION THICKNESS		LITHOLOGY		DRILLING PARAMETERS	
5" LINER SHOE @ 5400 M TOP OF LINER @ 4780 M CBC UPTO 4780 M		8-1/2"		12-1/4"		17-1/2"		26"		MURREE (938 M)		CHINGI (1220 M)	
7" LINER SHOE @ 4830 M TOP OF LINER @ 3967 M		9-7/8" + 9-5/8" CASING SHOE @ 4017 M		14" + 13-3/8" CASING SHOE @ 2400 M		CBC UPTO		CBC UPTO		CBC UPTO		CBC UPTO	
5" CSG (P-110, 188, VAM FJL) = 4780 - 5400 M		7" CSG (Q-125, 35#) = 3967 - 4830 M		9-5/8" CSG (P-110, 53.5 #, TSH BLUE) = 00 - 2000M		13-3/8" CSG (72 #, P-110, BTC) = 00 - 1000M		00 - 400M = 20" CSG (K-55, 106.5#, TSH ER)		CASING PROGRAM		BHA	
5-7/8" BIT + NB STAB + 1X4-3/4" D.C. + ST. STAB		8-1/2" BIT + NB STAB + 1X6-1/4" D.C. + ST. STAB		12-1/4" BIT + N.B STAB + 1X8" D.C. + STAB + 2X8" D.C. + STAB + 12X8" D.C. + JAR + 3X8" D.C. + X-O + 12X5" HWDPs.		17-1/2" BIT + N.B STAB + 1X9-1/2" D.C. + STAB + 2X9-1/2" D.C. + STAB + 3X9-1/2" D.C. + X-O + 12X8" D.C. + JAR + 3No. 8" D.C. + X-O + 12 X 5" H.W.D.Ps.		26" BIT + NB STAB + 1No. 9-1/2" DC + STAB + 2X9-1/2" DC + STAB + 3 X 9-1/2" D.C. + X-O + 6X8" DC + JAR + 3X 8" D.C. + X-O + 12 X 5" H.W.D.Ps.		WEIGHT ON BIT (TONS)		RPM	
06 - 08		08 - 12		12 - 16		14 - 20		10 - 20					
60 - 100		90 - 120		90 - 120		90 - 110		70 - 100					

NOTE: CASING PROGRAMME WILL BE REVIEWED AS PER ACTUAL MUD WEIGHT / FC DRAWN BY: MUHAMMAD ISMAIL

WELL CONSTRUCTION		DEPTH (METERS)		HOLE SIZE (INCHES)		CASING SIZE		FORMATION THICKNESS		LITHOLOGY		DRILLING PARAMETERS	
7" LINER SHOE @ 4550M (TOP OF LOCKHART)		12-1/4"		17-1/2"		14" + 13-3/8" CASING SHOE @ 2810 M (TOP OF KULDANA - I)		26"		MURREE-III (608 M)		MURREE-I (1900 M)	
5-7/8" LINER SHOE @ 4500 M (CONTINGENT)		9-7/8" + 9-5/8" CASING SHOE @ 4000 M (CONTINGENT)		17-1/2"		SAME		SAME		MURREE-III (608 M)		MURREE-I (1900 M)	
5-7/8" BIT + NB STAB + 1X4-3/4" D.C. + STAB		8-1/2" BIT + NB STAB + 1X6-1/4" D.C. + STAB		12-1/4" BIT + N.B STAB + 1X8" D.C. + STAB + 2X8" D.C. + STAB + 12X8" D.C. + JAR + 3X8" D.C. + X-O + 12X5" HWDPs.		17-1/2" BIT + N.B STAB + 1X9-1/2" D.C. + STAB + 2X9-1/2" D.C. + STAB + 3X9-1/2" D.C. + X-O + 12X8" DC + JAR + 3No. 8" D.C. + X-O + 12X5" HWDPs.		26" BIT + NB STAB + 1No. 9-1/2" DC + STAB + 2X9-1/2" DC + STAB + 3 X 9-1/2" D.C. + X-O + 6X8" DC + JAR + 3X 8" D.C. + X-O + 12 X 5" H.W.D.Ps.		CASING PROGRAM		BHA	
06 - 08		12 - 14		12 - 16		14 - 20		10 - 20					
60 - 100		70 - 110		90 - 120		90 - 120		90 - 120					

NOTE: CASING PROGRAMME WILL BE REVIEWED AS PER ACTUAL MUD WEIGHT / FC DRAWN BY: MUHAMMAD ISMAIL

WELL CONSTRUCTION		DEPTH (METERS)		HOLE SIZE (INCHES)		CASING SIZE		FORMATION THICKNESS		LITHOLOGY		DRILLING PARAMETERS	
7" LINER SHOE @ 4500 M (TOP OF LOCKHART)		12-1/4"		17-1/2"		14" + 13-3/8" CASING SHOE @ 2810 M (TOP OF KULDANA - I)		26"		MURREE-III (608 M)		MURREE-I (1900 M)	
5-7/8" LINER SHOE @ 4500 M (CONTINGENT)		9-7/8" + 9-5/8" CASING SHOE @ 4000 M (CONTINGENT)		17-1/2"		SAME		SAME		MURREE-III (608 M)		MURREE-I (1900 M)	
5-7/8" BIT + NB STAB + 1X4-3/4" D.C. + STAB		8-1/2" BIT + NB STAB + 1X6-1/4" D.C. + STAB		12-1/4" BIT + N.B STAB + 1X8" D.C. + STAB + 2X8" D.C. + STAB + 12X8" D.C. + JAR + 3X8" D.C. + X-O + 12X5" HWDPs.		17-1/2" BIT + N.B STAB + 1X9-1/2" D.C. + STAB + 2X9-1/2" D.C. + STAB + 3X9-1/2" D.C. + X-O + 12X8" DC + JAR + 3No. 8" D.C. + X-O + 12X5" HWDPs.		26" BIT + NB STAB + 1No. 9-1/2" DC + STAB + 2X9-1/2" DC + STAB + 3 X 9-1/2" D.C. + X-O + 6X8" DC + JAR + 3X 8" D.C. + X-O + 12 X 5" H.W.D.Ps.		CASING PROGRAM		BHA	
06 - 08		12 - 14		12 - 16		14 - 20		10 - 20					
60 - 100		70 - 110		90 - 120		90 - 120		90 - 120					

NOTE: CASING PROGRAMME WILL BE REVIEWED AS PER ACTUAL MUD WEIGHT / FC DRAWN BY: MUHAMMAD ISMAIL