

27th November, 2020.

TO: ALL BIDDERS

Dear Sir/Madam,

ADDENDUM 2: CLARIFICATION

TENDER FOR SUPPLY AND DELIVERY OF FISHING AND DRILLING TOOLS FOR BARINGO-SILALI GEOTHERMAL PROJECT – TENDER NO. GDC/DO/OT/020/2020-2021

In response to bidder's request for clarification, GDC wishes to respond as follows;

NO.	REFERENCE NO. – BIDDER'S QUESTION	GDC REPOSE
1.	SECTION 5 – SCHEDULE E: FISHING TOOLS Page 54, tender document	Description of the Technical Specifications for Schedule E item 8,9 & 10 -The body must be made of high strength AISI 4145 alloy steel Must have undergone heat treatment
		Kindly clarify whether 4140 heat treated material is acceptable
		No. The body must be made of high strength AISI 4145 alloy steel Must have undergone heat treatment
2.	SECTION 5 – SCHEDULE E: FISHING TOOLS Page 54, tender document	Description of the Technical Specifications for Schedule E item 9 1 1/4" Impression block with 6% Reg. box connection Fish neck diameter (OD): 8" Pin ID: 3"
		Our standard pin ID for this impression block is 3-1/2" Is this acceptable?
		No. Required Pin ID: 3"



3.	SECTION 5 - SCHEDULE E: FISHING TOOLS Page 54, tender document	Description of the Technical Specifications for Schedule E item 10: 8" Impression block with NC50 Box connection. Fish neck diameter (OD): 6½" Pin ID: 2¼"	Our standard pin ID for this is 3- 3/4" ' Is this acceptable?	No. Required Pin ID: 2¼"
4.		Safety factor	Kindly clarify on the safety factor required, 5:1 or 6:1.	Required safety factor is 6:1
5.	SECTION 5 - SCHEDULE B: DOWNHOLE TOOLS Page 45, tender document	Items 1,2,3,4,5,6 (Cross over Subs) -Average Approximate Length: 24"	The crossovers state average approximate lengths as being 24"? if these refer to fishing neck lengths then that is fine however the overall lengths would need to be 48" Long to comply with API 7-1 Please advise	48" length is OK.
6.		Item 4 10"OD to 8"OD Crossover Sub	Item 4 references a 10" OD for the 7 5/8" REG connection - Standard would be 9 ½" would this be ok?	OK. Note 7½ REG Pin Down - 6½ REG Box Up Connection.
7.		Item 6 11¼"OD - 10" OD Crossover Sub	Item 6 reference a 11¼" OD for the 8 5/8" REG connection - Standard would be 10 ½" would this be ok?	OK. Note the 8½ REG Pin - 7½ REG Box Connection.
8.		Item 7 Swivel Sub	Item 7 references a 8" OD for	OK. Note 7½ REG Box

			the sub however minimum OD for 7 5/8" REG would be 8 1/2" – would this be ok?	(LH) - 6% REG Pin (LH) Connection.
9.		Item 10 Kelly Saver Sub	Item 10 Kelly Saver Sub – Can you supply a reference drawing or indicate if you want any Specific features? We typically manufacture Top Drive Saver Subs but Kelly saver subs can be made with a number of variations	Please refer to the specifications in the tender document.
10.	P 44 Schedule A: Tubular Handling Tools No.2 5" Drill Pipe Lifting cap	Thread Connection: NC 50 Pin Material: Forged steel Standard: API 5CT Processing Type: forging	The API 5 CT is nor applicable for the Drill Pipe Lifting cap	The standard is: API standard lifting cap
11.	P 44 Schedule A: Tubular Handling Tools No.3 8" Drill Pipe Lifting cap	Thread Connection: 6-5/8" REG Material: Forged steel Processing type: Forging Standard: API Spec 5CT	The API 5 CT is nor applicable for the Drill Pipe Lifting cap	8" Drill Collar Lifting cap The required lifting cap is for drill collar and not drill pipe. The standard is: API standard lifting cap
12.	P47 Schedule B: Down Hole Tools No.7 Swivel Sub	Thread Connection: 7 5/8 REG BOX (LH) - 6 5/8 REG PIN (LH) Outside Diameter: 8.0" Inside Diameter: 3" Average length-11" Material: AISI 4145M alloy steel	Can you accept the Outside Diameter 9" and Average Length 16" (this size is accordance with API Spec 7-1 standards)	OK

		with phosphate thread roots Treatment: Heat treated to Brinel hardness range of 285-341 Manufactured as per API Spec 7-1 standards		
13.	P47 Schedule B: Down Hole Tools No.9 Lower Kelly Cock	Thread Connection: 6 ⁵ / ₈ " REG Box (RH) - NC50 PIN (RH) Outside Diameter- 7 ³ / ₄ ", Inside Diameter-3" Rated Working Pressure: 105Mpa Rated Rotary Torque: 55-110 N.M Valve Design: Ball Type Complete closing with quarter turn wrench. Material: AISI 4145M alloy steel with phosphate thread roots Treatment: Heat treated to Brinel hardness range of 285-341 Manufactured as per API Spec 7-1 standards Must be supplied with an operating wrench.	Can you accept the Inside Diameter 2-13/16"? (this size is accordance with API Spec 7-1 standards)	OK
14.	P47 Schedule C: Drilling Handling Tools No.1 1 ton D Shackle (with Serew pin)	Material: Grade 63 steel produced by open hearth or electric process. Hardness treatment of 248-302 BHN when tested in accordance with IS 1500: 2005	Most of the shackle were manufactured as material grade 63 and EN13889 Would you please accept material grade	OK

Dave

	<p>No.2 6 tons D shackle (with screw pin)</p> <p>No.3 12 tons D shackle (with screw pin)</p> <p>No.4 25 tons D shackle (with screw pin)</p>	<p>Construction: Solid forged without any weld.</p> <p>Screw thread: The screw thread shall conform to 4218 (part 1 to 6)</p> <p>Standards: Must comply with IS 6132 Part 1 (1971)b regarding terminology, workmanship, finish, inspection and examination</p>	45, and EN13889 standard	
15.	<p>P55 Schedule E: Fishing Tools</p> <p>No.12 Taper tap (2⁵/₈" to 3³/₈")</p>	<p>6½" OD taper tap with non-fluted carburized wickers threads tapered from 2⁵/₈" to 3³/₈" with NC50 API Box up tool joint. The wicker (with fine threads) length should be at least 1m. It should have a circulation hole drilled through the center. The taper per foot (TPF) should not exceed ¾".</p>	NC31 is much better than NC50 in mechanical property, would you accept NC31 instead of NC50	No. We need NC50

The closing date of **Wednesday 2nd December, 2020 at 2.00Pm** remain as stated in addendum one (1).

N/B: All other instructions remain unchanged.

Yours faithfully,

DORIS KYAKA
MANAGER, SUPPLY CHAIN
FOR: GEOTHERMAL DEVELOPMENT COMPANY

