

**OIL & GAS DEVELOPMENT COMPANY LIMITED**  
**PROCUREMENT DEPARTMENT, ISLAMABAD**  
**FOREIGN SECTION B**

(To be completed, filled in, signed and stamped by the principal)

**ANNEXURE 'A'**

**Material** 3-1/2", SUPER CHROME TUBING, X-OVERS & PUP JOINTS  
**Tender Enquiry No** PROC-FB/LCB/PROD-4760/2020  
**Due Date**  
**Evaluation Criteria** FULL

**SCHEDULE OF REQUIREMENT**

Sr No	Description	Unit	Quantity	Unit Price (FOB)	Total Price (FOB)	Unit Price C & F BY SEA	Total Price C & F BY SEA	Deviated From Tender Spec. If Any
1	3-1/2", 10.2 lbs/ft, Seam Less Stainless Steel Production Tubing with Cal IV tested hook type Premium Thread Connections (BXP) Threaded and Coupled Super 13 Chrome alloy material 110 Ksi ,Complete Specs attached.	Meter	15000	✓				
2	Pup Joint with same quoted tubing thread connections Box X Pin Length : 2 feet,Super 13 Cr Material.	Number	10					
3	Pup Joint with same quoted tubing thread connections Box X Pin Length : 3 feet,Super 13 Cr Material.	Number	10					
4	Pup Joint with same quoted tubing thread connections Box X Pin Length : 5 feet,Super 13 Cr Material.	Number	10					
5	Pup Joint with same quoted tubing thread connections Box X Pin Length : 7 feet,Super 13 Cr Material.	Number	10					
6	Pup Joint with same quoted tubing thread connections Box X Pin Length : 10 feet,Super 13 Cr Material.	Number	10					
7	X-Over, BOX 3-1/2" 10.2 PPF, with same quoted tubing threads X PIN 3-1/2", 10.3 PPF, Hydril CS or equivalent premium threads,Super 13 Cr Material.	Number	12					
8	X-Over, BOX 3-1/2" 10.3 PPF, Hydril CS or equivalent premium threads X PIN 3-1/2" 10.2 PPF, with same quoted tubing threads,Super 13 Cr Material.	Number	8					
9	X-Over, PIN 3-1/2",10.2 lbs/ft, with same quoted tubing thread connections x PIN 3-1/2", 10.3 lbs/ft , Hydril CS or equivalent premium threads (Pin),Super 13 Cr Material.	Number	6					
10	X-Over, BOX 3-1/2", 10.2 PPF, with same quoted tubing threads X PIN 3-1/2", 12.95 PPF, Hydril PH-6 or equivalent premium threads,Super 13 Cr Material.	Number	8					
11	X-Over,BOX 3-1/2", 13.3 PPF, IF X PIN 3-1/2", 10.2 PPF, with same quoted tubing threads ,(L-80 Material)	Number	5					
12	X-Over, BOX 3-1/2", 12.95 PPF, Hydril PH-6 or equivalent premium threads X PIN 3-1/2" 10.2 PPF, with same quoted tubing threads,Super 13 Cr Material.	Number	4					
13	X-Over, 3-1/2",10.2 lbs/ft, with same quoted tubing thread conn (Pin) x 3-1/2", 12.95 lbs/ft , Hydril PH-6 or equivalent premium threads (Pin),Super 13 Cr Material.	Number	4					

**Note:** (1) BID BOND AMOUNTING TO USD 38,000/- OR EQUIVALENT TO PAK RUPEES TO BE SUBMITTED WITH THE BID AND VALID FOR 150 DAYS FROM THE DATE OF OPENING OF THE BID. (2) DELIVERY PERIOD: 180 DAYS ON CFR BY SEA KARACHI BASIS AFTER OPENING OF LETTER OF CREDIT (LC). (3) EVALUATION CRITER: FULL CONSIGNMENT WISE BASIS.

**3-1/2" 10.2 PPF, 110 Ksi, Super 13 Chrome CRA Seamless Production Tubing, CAL – IV tested Hook Type/Wedge Type or any other Premium Threads Connection (Threaded & Coupled) along with Pup Joints and X-overs as per ISO 13680 or API 5CRA, Group 1, PSL-1, R2 in accordance with NACE MR0175/15156**

Prequalified Bidders in 'CATEGORY # 2' against the Pre-Qualification notification for the Supply of Production Tubing and accessories via T.E PROC-FC/CB/PQ/PROD/TUBING-4177/2018 issued vide September 16, 2019.

Sr #	Description	Quantity	Unit FOB (USD)	Total FOB (USD)	Unit CFR (USD)	Total CFR (USD)
1.	3-1/2", 10.2 lbs/ft., Seam Less Stainless Steel Production Tubing with Cal IV tested hook/Wedge, etc. type Premium Thread Connections (BXP) Threaded and Coupled Super 13 Chrome alloy material 110 Ksi having the following chemical and mechanical properties <b>Chemical Composition</b> C = 0.03-0.04%, Si = 0.1-0.5%, Mn = 0.3-0.5%, P = 0.02, S = 0.005, Cr = 11.5-13.5%, Ni = 4.5-6.5%, Mo = 1.5-2.5%, <b>Physical Properties</b> Yield strength = 110-125 Ksi, Tensile strength = 115-120 Ksi, Hardness HRC = 32	15,000 Meters				
2.	Pup Joint with same quoted tubing thread connections Box X Pin Length : 2 feet, Super 13 Chrome alloy material 110 Ksi	10 Nos				
3.	Pup Joint with same quoted tubing thread connections Box X Pin Length : 3 feet, Super 13 Chrome alloy material 110 Ksi	10 Nos				
4.	Pup Joint with same quoted tubing thread connections Box X Pin, Length : 5 feet, Super 13 Chrome alloy material 110 Ksi	10 Nos				
5.	Pup Joint with same quoted tubing thread connections Box X Pin Length : 7 feet, Super 13 Chrome alloy material 110 Ksi ,	10 Nos				
6.	Pup Joint with same quoted tubing thread connections Box X Pin Length	10 Nos				

	:10 feet, Super 13 Chrome alloy material 110 Ksi					
7.	X-Over, BOX 3-1/2" 10.2 PPF, with same quoted tubing threads X PIN 3-1/2", 10.3 PPF, Hydril CS or equivalent premium threads Min Length: 2 feet, Super 13 Chrome alloy material 110 Ksi	12 Nos				
8.	X-Over, BOX 3-1/2" 10.3 PPF, Hydril CS or equivalent premium threads X PIN 3-1/2" 10.2 PPF, with same quoted tubing threads, Min Length: 2 feet, Super 13 Chrome alloy material 110 Ksi	8 Nos				
9.	X-Over, PIN 3-1/2", 10.2 lbs/ft., with same quoted tubing thread connections x PIN 3-1/2", 10.3 lbs/ft., Hydril CS or equivalent premium threads (Pin), Min Length 2 feet. Super 13 Chrome alloy material 110 Ksi	6 Nos				
10.	X-Over, BOX 3-1/2" 10.2 PPF, with same quoted tubing threads X PIN 3-1/2", 12.95 PPF, Hydril PH-6 or equivalent premium threads Min Length: 2 feet. Super 13 Chrome alloy material 110 Ksi	08 Nos				
11.	X-Over, BOX 3-1/2" 13.3 PPF, IF X PIN 3-1/2", 10.2 PPF, with same quoted tubing threads, <b>(L-80 Material)</b> Min Length: 2 feet.	05 Nos				
12.	X-Over, BOX 3-1/2" 12.95 PPF, Hydril PH-6 or equivalent premium threads X PIN 3-1/2" 10.2 PPF, with same quoted tubing threads, Min Length: 2 feet. Super 13 Chrome alloy material 110 Ksi	4 Nos				
13.	X-Over, 3-1/2", 10.2 lbs/ft., with same quoted tubing thread connections (Pin) x 3-1/2", 12.95 lbs/ft. , Hydril PH-6 or equivalent premium threads (Pin), Min Length 2 feet, Super 13 Chrome alloy material 110 Ksi	4 Nos				
<b>TOTAL</b>				XXXXXX		XXXXXX

A O De O

<b>Terms and Conditions:</b> <u>All of the clarifications, technical terms and conditions confirmed by the prospective bidders during the course of prequalification will be applicable for this tender. Bidder are only required to submit the financial bids with the following documents and confirmations</u>		<b>Bidder to comply /confirm following in the table</b>
1.	<b><u>Evaluation Criteria</u></b> The financial evaluation will be carried out on complete package, bidder to provide acceptance. Failure to quote any of the line items will result in the financial rejection of the bidders. Bidders are strongly advised to quote all the line items as per SOR without fail however OGDCL may reduce the quantities of Pup joints and X-overs at the time of order placement. Quantity of tubing will remains the same.	
2.	<b><u>Manufacturing Plant (s) ISO 13680 or API 5CRA Certificates</u></b> Bidders are required to submit their manufacturing plant (s) ISO 13680 or API-5CRA licenses for this specific tender must be valid at the time of bid submission. In case of absence of this information the bid will be rejected	
3.	<b><u>Delivery Requirements</u></b> The desired delivery period is 06 months C&F Karachi from the day of L/c establishment. Bids received with more than 06 months delivery period may not be considered for evaluation.	
4	All X-Overs and Pup Joints should also be of Super 13 Chrome Material as specified for Seam less Production Tubing at Serial No 1. Except for X-Over at Serial No 11 which is to be of Min L-80 Material Requirement.	
5.	<b><u>Quoted Tubing and Pup Joints Hook/wedge Type, etc. Premium Threads Connections</u></b>	
5.1	The quoted hook/Wedge, etc. type premium thread connections must be tested as per ISO-13679 2002 or API 5C5 Application Level (CAL)-IV). (Petroleum and natural gas industries —Procedures for testing casing and tubing connections).	
5.2	Premium Thread Connections should be hook/Wedge, etc. type (i.e. with negative load flanks) to optimize Stress Distribution. Literature/drawings of the quoted Premium Threads should be provided	
5.3	The Tensile, Burst & Collapse rating of the Quoted Premium Thread Connections must be equal to or exceed those of the Pipe body ratings whereas the compression rating of the quoted threads should not be less than 80% of the pipe body compression rating. Documents supporting the requirement should be provided along with the bid.	

A. D. O. D.

6	<b>Quoted X-Overs Hydril CS PH-6 and IF Connections</b>	
6.1	Besides Hydril "CS" threads equivalent Grant Prideco's "RTS-8", TPS Technitube "TS-8", Hunting's "TS-HP", Tenaris "TSH CS", Benoit BTS-8 which are 100% interchangeable with Hydril CS connections as per valid API 5CT will be acceptable.	
6.2.	Besides Hydril "PH-6" threads equivalent Grant Prideco's "RTS-6", TPS Technitube "TS-6", Hunting's "TS-HD", Tenaris "TSH PH-6", Benoit BTS-6 which are 100% interchangeable with Hydril PH-6 connections as per valid API 5CT will be acceptable	
7.	Bidder is required to submit the technical data sheets of the quoted tubing confirming the material grade, size, thread name, OD, ID, drift ID, range, yield Strength, tensile strength, burst & collapse pressure, connection to pipe body compression rating ratings etc.	
8.	Running / Pulling, handling procedures & required torque values for the quoted tubing is to be submitted along with the financial bid.	
9.	The bidder to confirm tubing tally specifying the length of individual joint is to be provided along with the shipping documents.	
10.	The bidder to confirm clearly in the financial bid that the material test certificates will be provided with the shipping documents.	
11.	<p>a. <b><u>THIRD PARTY INSPECTION (TPI)</u></b></p> <p>b. Third Party Inspector to confirm that the Tubing is brand new/unused</p> <p>c. Visual and dimensional inspection of body on-spot basis covering at least 10% of the complete lot.</p> <p>d. Visual and dimensional inspection of Thread on-spot basis covering at least 10% of the complete lot.</p> <p>e. Review of Mill Test Certificates.</p> <p>f. Review of Hydro-test Reports</p> <p>g. Marking verifications of the Tubing Joints.</p> <p>h. Preparation of Inspection report in light of the Certificates and Tally sheets.</p> <p>i. Vetting of Marking, Packing/Bundling and quantity as per Contract.</p> <p>j. Third party inspection company will submit inspection progress reports to OGDCL production department at following e-mails addresses;</p> <p>k. TO : <a href="mailto:sohail_sharif@ogdcl.com">sohail_sharif@ogdcl.com</a></p> <p>l. CC:<a href="mailto:kafeel.ahmed@ogdcl.com">kafeel.ahmed@ogdcl.com</a>,<a href="mailto:adeel_saleemi@ogdcl.com">adeel_saleemi@ogdcl.com</a>,<a href="mailto:omer_ali@ogdcl.com">omer_ali@ogdcl.com</a></p> <p>m. <b><u>Submission of Final Inspection report</u></b></p> <p>n. After completion of the job, TPI will prepare/issue the final inspection reports along with MTC and inspection release notes promptly and will submit to OGDCL by e-mail for verification/acceptance prior to shipment, thereafter it will be issued to supplier.</p>	

	<p>O. Place the signature /stamp on inspection release note/inspection report electronically in the original pdf files of inspection release note and inspection report</p> <p>p. Mention OGDCL purchase order number and LC number in the first page of final inspection report/Inspection Release Note.</p>	
12	<b><u>General Specifications of the Production Tubing. Bidder is required to confirm</u></b>	
12.i	Tubing joints should be provided in range R-2	
12.ii	Tubing, pup joints & X-overs should be of seamless steel.	
12.iii	The length of every X-over should not be less than 2 feet.	
12.iv	Tubing, pup joints & X-overs ends should be provided with proper thread protectors and exposed threads must be protected with an anti-corrosion storage compound as per API recommendations for Chrome Alloy material	
12.v	If requested by the bidder a delivery allowance of +0 & -3% for tubing can be allowed, however the payment will be made as per the actual quantity of tubing supplied.	