

OIL & GAS DEVELOPMENT COMPANY LIMITED



PREQUALIFICATION OF MANUFACTURERS FOR SUPPLY OF TUBING HEAD SPOOLS AND X-MASS TREES EQUIPMENT ALONG WITH SERVICES FOR A PERIOD OF THREE (03) YEARS ON AS AND WHEN REQUIREMENT BASIS.

OGDCL aims to prequalify the internationally reputable Manufacturers of Tubing Head Spools and X-Mass Trees along with services for a period of three years. Following terms & conditions will apply. For supply of material the terms & conditions mentioned in Master Set of Tender Documents available on OGDCL's website will be applicable:-

1. Manufacturers will be prequalified technically for a period of three (03) years as per prequalification criteria mentioned under "Technical Evaluation Criteria" for each category. After the finalization of the prequalification process future Tender enquiries will only be issued to the Pre-Qualified Bidders/ Manufacturers. It will be at the OGDCL discretion to call combined Technical/Financial Bids under single envelope system or separate technical and financial bids under two envelope system. Bidder/Manufacturers are requested to submit technical bid only. **No need to submit financial bid at this stage.**
2. After pre-qualification OGDCL will issue tender enquiries on as and when required basis to the pre-qualified bidders only. The pre-qualified bidders must submit their firm quotations valid for 120 days and supported by proper bid bond. The orders will be placed on the financially lowest Manufacturers/Bidder.
3. Bidder to submit separate bid bond / performance bank guarantee against each tender enquiry. Amount will be specified on case to case basis.
3. Payment of material will be made through Letter of Credit. Payment of Service Charges will be made through LC / TT / Cross Cheque upon completion of services and against verified invoices by OGDCL (End User Department).
4. The evaluation criteria will be on each category wise individually. All the bidders will be evaluated separately against each category and declared technically qualified or disqualified for each category independently.


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5. The bidders will be required to confirm that they have the capability to manufacture and supply the mentioned Items and accessories on as and when required basis for all the Future Tender Enquiries launched under the Umbrella of this Pre-Qualification exercise. However quantities and material specifications (i.e. sizes, pressure ratings and threads etc.) will be specified at the time of tender enquiry issuance based on actual requirements.
6. During the Course of the Pre-Qualification Time Frame if required OGDCL will still have the right to procure the material through press tender or any other mode of Procurement.
7. Submission of incomplete information in the prequalification documents may lead to disqualification of bidder/manufacturer.
8. Bidder to submit its bid / prequalification documents in both Hard Form and Soft Form (in CD/USB).
9. Bidder Manufacturer/Bidder who failed to deliver the material to OGDCL in past or having unsatisfactory performance of Material delivered to OGDCL in past will be disqualified.
10. For all of its orders valuing more than US \$ 200,000/= OGDCL will carry out 3rd Party pre-shipment Inspection at its own cost. Scope of work for Third Party Pre-Shipment Inspection will be provided on case to case basis along with tender inquiry where required.
11. After the award of contract, the bidder/manufacturer would arrange a five days visit (excluding travel time) of an OGDCL team comprising three professionals (Two engineers from technical department and One Official from SCM department) to manufacturing site before the first order placement. All the expenses including Visa Processing Charges, Return Air Ticket, Inland foreign country travel, Boarding, lodging & Transportation will be borne by bidder/manufacturer.
11. After pre-qualification, all pre-qualified manufacturer/bidders are supposed to submit bids against OGDCL tender enquiries issued time to time. However in case of non participation the vendor must submit justification prior to opening of Bids.
12. Clean Acceptance of terms & conditions of Tender Document, Schedule of Requirement is required from Manufacturer / Bidder.
13. Shipment from ACU Member Countries: In case of Shipment from ACU Member Countries, the LC beneficiary should be of that particular country from where the consignment is being shipped.
14. The bank guarantee / bid bond (earnest money) / performance bond / Advance Bank Guarantees etc. of the bidder/vendor will be confiscated if they:
 - i- Withdraw their bid during bid validity.
Or
 - ii- Fails to provide performance and/or advance bank guarantees.
Or
 - iii- Submit forged/fake document or inaccurate information in support of their bid.
Or
 - iv- Fails to execute contract as per terms of contract.
Or
 - v- Fails to supply the short/wrong shipped items.
Or
 - vi- Any other reason warranting the confiscation of the guarantee.


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15. OGDCL, at any stage of the procurement proceedings, having credible reasons for or prima facie evidence of any defect in firm's capacities, may require them to provide information concerning their professional, technical, financial, legal or managerial competence of already pre-qualified firms. OGDCL, shall disqualify a supplier or contractor if it finds, at any time, that the information submitted by those concerning qualification as supplier or contractor were false and materially inaccurate or incomplete.
16. **All the documents should be submitted with proper index/table of contents and in original, properly numbered, duly signed and stamped. Any document not signed, stamped and numbered will not be considered for evaluation purpose. Bid must be properly bind.**
17. Usually the desired delivery period will be 06 months (or less as specified in each tender enquiry) on CFR by Sea Karachi Basis for foreign Manufacturers/Bidder and on F.O.R. Basis for Local Manufacturers/Bidders from the date of establishment of Letter of Credit. The foreign bidders will deliver the equipment at Karachi Sea Port on CFR Basis whereas the Local Bidder/Manufacturer will arrange delivery of the equipment at Korangi Base Stores Karachi or I-9 base stores Islamabad (or as specified in tender enquiry).
18. Foreign Procurement Payment Terms:-
Clause No: 4 of Section-III (Part-B) i.e. Conditions of Contract "Special" of Tender Document (uploaded on OGDCL Web Site) has been amended as follows:
- i. Tender value less than or equal to US\$ 200,000:
Payment to the Contractor/ bidder in foreign currency shall be made by establishing in favor of the Contractor an irrevocable Letter of Credit (hereinafter called the L/C). 70 % Payment (s) under the L/C will be made for the FOB/ CFR / CPT (as the case may be) price of material of each shipment upon submission of the shipping documents. Balance 30% Payment will be released after receipt, inspection and acceptance of material.
- ii. Tender value more than US\$ 200,000:
Payment to the Contractor/ bidder in foreign currency shall be made by establishing in favor of the Contractor an irrevocable Letter of Credit (hereinafter called the L/C). 80 % Payment (s) under the L/C will be made for the FOB/ CFR / CPT (as the case may be) price of material of each shipment upon submission of the shipping documents. Balance 20% Payment will be released after receipt, inspection (in addition of pre-shipment inspection) and acceptance of material.
19. Bidders/Manufacturers/Local agent must provide complete contact details (i.e. postal address, phone/fax numbers, e-mail address) for correspondence and issuance of tender enquiries after pre-qualification. **The details must be provided on the format at Annexure-J duly signed and stamped by the bidder.**
20. For supply of material all terms & condition of the Master Set of Tender Documents available on OGDCL's website will be applicable.
21. Bidder to submit unpriced Annexure-A, B, E, F, G, H & I available in Master Set of Tender Documents on OGDCL's website with the bid.


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CATEGORY # 01

X-MASS TREES AND TUBING HEAD SPOOLS 5000 PSI AND 10000 PSI

Tubing Head Spools & Gate Valve Assemblies 5000 AND 10000 PSI WP, All Material to be as per API 6A, Latest Edition PSL-3/PSL-3G, PR-2, Temperature Class T TO X, Material Class AA TO HH.

<u>TUBING HEAD SPOOLS</u>		<u>GATE VALVES ASSEMBLIES</u>
i. 11 INCH X 7-1/16 INCH 5K PSI WP ii. 11 INCH X 11 INCH 5K PSI WP iii. 11 INCH X 7-1/16 INCH 10K PSI WP iv. 11 INCH X 11 INCH 10K PSI WP Or any other size in 5000 or 10000 PSI WP		<u>X-MASS TREES</u> i. 2-9/16 INCH 5K PSI WP ii. 3-1/8 INCH 5K PSI WP iii. 4-1/16 INCH 5K PSI WP iv. 3-1/16 INCH 10K PSI WP v. 4-1/16 INCH 10K PSI WP Or any other size in 5000 or 10000 Psi WP.
	Description	Bidder to confirm their Capability to Manufacture and supply the Items as per the generic specifications mentioned in the Table.
1	TUBING HEAD SPOOLS IN ASSEMBLED FORM	
1.i	One (01) no Tubing Head spool (forged material) with Bottom and Top flange. The Top of the spool to have tie down screws and bottom having double P/FS seals for 7" or 9-5/8" Casing and the two (02) 2-1/16" Studded Outlets having 1-1/2" VR Thread. All required accessories e.g. Allen Wrench etc. should be supplied with each tubing spool and placed in the box containing that spool along with compatible Studs and Nuts along with following fitted items (S. No. 1.ii to 1.v)	
1.ii	Two (02) nos 2-1/16" Double Flanged gate valves (forged material), Including Hand wheel, Non Rising Stem (02 Nos./ 01THS Assy).	
1.iii	Two (02) nos 2-1/16" Double Studded Instrument flanges (forged material), with 3/4" & 1/2" NPT taps (plugged),(02 Nos / 01THS Assy).	


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1.iv	Two (2) nos 2-1/16" Blind flanges (forged material) with 1/2" Tap (plugged),(02 Nos/THS Assy).	
1.v	One (01) complete set of studs, nuts and ring gaskets required to assemble the above components, (01 Set / THS Assy).	
2	Christmas Trees/Gate Valve Assemblies in Assembled Form	
	Each assembly should supplied in assembled form having following components.(S. No. 2.i to 2.x)	
2.i	One (01) no Double studded pack-off flange (forged material), with two 1/4" control lines preparation, pack-off flange must have two exit blocks for the 1/4" control line. Exit block must have 1/2" NPT connection for control panel, along with all necessary SS fittings for continuous control line installation and connection to control panel (the pack-off flange must be compatible with Tubing Head Spool and the Tubing Hanger)	
2.ii	Six (06) nos Double Flanged gate valves (forged material), including Hand wheels. One each as LMV & swab valve and two on each wing, (06 No. /X-Mass Tree Assy).	
2.iii	One (01) no Hydraulically actuated gate valve (forged material) as UMV. Each with hydraulic override (hand wheel to be provided) and fusible hold open device,(01 Nos. /X-Mass Tree Assy).	
2.iv	One (01) no Studded cross (forged material), (01 No / X-Mass Tree Assy).	
2.v	One (01) no X-Mass top flange with OTIS type code 'G' quick union (5-3/4" - 4 ACME, 4" seal diameter, 3" nominal ID, 10,000 psi W.P. STD/H2S service) with a 1/2" NPT tap on the top for pressure gauge installation (plugged). Inside of top flange should have specified Female Pickup/Lifting Threads (01 No. /X-Mass Tree Assy). The ID should allow running of type 'H' BPV.	
2.vi	Two (02) nos Double Studded Instrument flanges (forged material), with 3/4" & 1/2" NPT taps (plugged), on each instrument flange, (02 No. /X-Mass Tree Assy).	
2.vii	One (01) no adjustable choke assembly (forged material), angle type Inlet and Outlet Flanged connections, 1" maximum orifice. Hand wheel	

	operated and complete with Choke Spanner,(01 No/X-Mass Tree Assy).	
2.viii	One (01) no positive choke assembly (forged material), Inlet and Outlet Flanged connections (01 No/X-Mass Tree Assy).	
2.ix	Two (02) nos companion flanges (forged material) with Sch 80/120/160 Weld Necks,(02 Nos/X-Mass Tree Assy).	
2.x	One (01) no complete set of studs, nuts and ring gaskets required to assemble the above components, (01 Set/X-Mass Tree Assy).	
3	<u>Accessories of Tubing Head Spools and Christmas Tree assemblies to be supplied loose separately</u>	
3.i	Set of studs and nuts for Tubing Head Spools, Pack off Flanges and Gate Valves any size based on requirement	
3.ii	Gasket, Self-Sealing Ring ST/STL R/RX- 24, 27, 35, 39, 46,54 or any other size	
3.iii	Gasket, Self-Sealing Ring ST/STL BX-152, 154,155, 156,158 or any other size	
3.iv	<p>Tubing Hanger with an extended seal neck having</p> <ul style="list-style-type: none"> • Connection: Premium Threads e.g. Hydril CS/Hydril PH-6/Vam Top HC/Tenaris TSH Blue/JFE Bear or equivalent threads or any other API Threads (Box x Box) Top & Bottom, compatible with Cameron type 'H' BPV, • Compatible to Tubing Head Spool and Hanger Setting must not require any alignment • The bottom part of the tubing hanger should allow for the use of power tong to tighten it to the pin x pin X-over at the top of the tubing string with recommended torque for the relevant thread connections. 	
3.v	Set of beans consisting one each of Bean, Flow for Positive Choke size 16/64", 20/64", 24/64", 28/64", 32/64", 36/64", 40/64", 44/64", 48/64" 52/64", 56/64", 60/64", 64/64", 128/64" Orifice.	
3.vi	Bean Wrench for Positive Choke.	
3.vii	1/2" NPT Needle valves (Male x Female)	
3.viii	Thermo well Compatible with Double Studded Instrument Flange.	


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3.ix	Temperature Gauge, 4" Dial , Range 0° F to 350° F, Compatible with thermo well .	
3.x	Pressure Gauges 0- 5000/10000 Psi DIAL SIZE 4" to 4-1/2" with 1/2" NPT Threads.	
3.xi	Two Way Check valve for Tubing Hanger.	
3.xii	Valve, Back Pressure, Cameron Type 'H' , 4 T.P.I. L.H. Thread for Tubing Hanger.	
3.xiii	Back Pressure Valve Insertion Tool for BPV/Check Valve.	
3.xiv	Back Pressure Valve Removal Tool for BPV/Check Valve.	
3.xv	Hydraulic Pump Hand Operated for testing the tree with connecting pressure manifold 10000 PSI W.P.	
3.xvi	Flange w/ Fig 1502 Connection Hammer Union	
3.xvii	Reducer bushing assembly, 9-5/8" x 7" casing with necessary two seals, in case the spool is to be used on 7" casing.	
3.xviii	Lubricator Assembly (forged material) with 16 foot Polished Rod along with C & Friction Wrenches, the lubricator bottom should have a OTIS type code 'G' quick union (5-3/4" - 4 ACME, 4" seal diameter, 3" nominal ID, 10,000 psi W.P.STD/H2S service) compatible the tree top flange.	
3.xix	SUBSTITUTE, Premium Threads e.g. Hydril CS/Hydril PH-6/Vam Top HC/Tenaris TSH Blue/JFE Bear or any equivalent threads or API Threads PIN X PIN.	
3.xx	Adaptor flange, double studded complete with studs/nuts and ring gaskets any size in 5000/10000 psi WP	
3.xxi	Adaptor/Spacer spools, complete with studs/nuts and ring gaskets any size in 5000/10000 psi WP	
4	<u>Repair Kits</u> Complete description of all the items in each repair kit must be provided in the prequalification documents.	
4.i	For Tubing Head Spool	
4.ii	For Pack Off Flange	
4.iii	For Tubing Hanger	

4.iv	For BPV	
4.v	For Gate Valves	
4.vi	For Test Plug	
4.vii	For X-Mass Tree Cap	
4.viii	For Hydraulic Actuator	
4.ix	For Adjustable Chokes	
4.x	For Positive Chokes	
4.xi	For Lubricator	
5	<u>X-MASS TREES SERVICES REQUIREMENT</u> Service Engineer for X-Mass Tree Installation, Malfunctioning Job e.g. Greasing, BPV running Retrieving, other Services etc.	

The Bidder to fill the following Pre-Qualification form for Category-1

The Bidder/Manufacturer to provide the Data/supply Record for 5000 and 10000 Psi Tubing Head Spools and X-Mass Trees mentioned in Category-1.

	Every bidder must comply the following conditions in order to be Pre-qualified in category-1. All the required supporting documents must be attached where applicable. Bidders failing to do so would be considered disqualified for further Technical evaluation.	Bidder to comply /confirm the following in the Table and provide necessary documents accordingly.
1	Bidder must provide the detailed technical literature/documents for the manufacturing company.	
2	In case the bidder and the Manufacturer are different, then the bidder must provide an original Authority letter/OEM certificate from the Manufacturer with the prequalification documents. The letter must be on company letter head, showing the name, designation and contact details (Official e-mail & fax number) of the signing authority.	
3	The parent manufacturing company must be possessing API-6A and API Spec Q1/ISO Certificates for at least 10 years & their certificates should be valid on the date of the Tender Opening and should remain valid throughout the Pre-Qualification Term. In case the bidder has multiple manufacturing facilities under its umbrella then at least one of its major plants must fulfill the above criteria.	


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4	<p>In case the API 6A certificate of the bidder/Manufacturer does not allow it to use API monogram on any of the critical item required in the tender e.g. Actuators, Choke valves, BPV etc. and the bidder/manufacturer is quoting these items manufactured by any third party facility/company then the following must be provided with the bid</p> <p>i-Identification of the item</p> <p>ii- The name of the facility from where it will be provided</p> <p>iii- The third party facility should be API-6A certified to API monogram the item.</p> <p>iv- The third party facility should be API-6A certified to manufacture that specific item for 10 years API-6A certificates to be provided.</p> <p>v- Authority letter for the third party facility in favor of the bidder is to be provided.</p> <p>vi. Supply record of third party manufacturer for the individual items being quoted in excess of at least 500 items supplied in the last 10 years.</p>	
5	<p>The manufacturer(s) must have manufactured & supplied X-Mass trees to the multinational E&P companies and other renowned E & P companies (not belonging to the manufacturer's country) in excess of 500 sets 5000 and 10000 psi X-mass Trees during the last ten years, the supply record must confirm this fact. The Supply record only for the complete sets of X-mass trees should be submitted and it should also specify the contact person's Name, Designation and Contact details inclusive of official email address of the customers. Trees sold to supply houses etc. will not be considered. If the bidder has already supplied X-mass trees to OGDCL then supply record is not required.</p>	
6	<p>A bidder that has already supplied X-Mass trees to OGDCL may be disqualified based on the unsatisfactory performance of the supplied equipment.</p>	
7	<p>For Tubing Hangers, X-overs and Female Pick up/lifting threads inside of top flange of Tree cap Premium Threads e.g. Hydril CS/Hydril PH-6/Vam Top HC/Tenaris TSH Blue/JFE Bear or equivalent threads or any other API Threads may be required.</p> <ul style="list-style-type: none"> • Bidders need to confirm that they can provide any thread connection for Tubing Hangers, X-Overs etc. as per OGDCL requirement, it may be API or any renowned premium thread connection. • Bidder need to identify the name of the threading facility and provide its relevant licenses e.g. the API 5CT certificate, the license issued by the patent holder of any premium thread connection. 	


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	<ul style="list-style-type: none"> Bidder needs to submit the supply record of the treading facility with the prequalification documents. The commonly used thread connections in OGDCL are given at S. No. 8 to 10 below. 	
8	CS Hydril threads or equivalent and 100% Interchangeable connections will also be acceptable e.g. Grant Prideco's "RTS-8" , TPS Technitube "TS-8" ,Hunting's TS -HP", Halliburton's "OECA-A" ,Benoit's "BTS-8",Weatherford's WTS-8	
9	PH-6 Hydril threads or equivalent and 100% Interchangeable connections will also be acceptable e.g. Grant Prideco's "RTS-6" , TPS Technitube "TS-6" ,Hunting's "TS-HD", Halliburton's "OECA-C" & Benoit's "BTS-6", Weatherford's WTS-6	
10	Vam Top HC or Equivalent Premium threads may be specified which may include the leading CAL IV Tested Threads Like JFE Bear, JFE Fox, Tenaris Blue, etc.	
11	<p>In case of local Manufacturer who is claiming the price preference, the bidder will have to provide the following details regarding the finished/semi-finished products being imported for all tenders.</p> <p>i. Identify the name of manufacturer(s) of the finished products, provide its (their) authority letter(s) and its (their) API-6A for the least ten (10) years,</p> <p>ii. Bidder needs to identify the name of the Mill(s)/Manufacturer(s) supplying the semi-finished products, provide its (their) authority letter(s) and its (their) API-6A for the last ten (10) years, Q1 or relevant ISO certificates.</p> <p>iii. Supply record of third party manufacturer for Semi finished and finished items being quoted in excess of at least 500 items individually in the last 10 years</p> <p>iv. The Local Manufacturer to confirm that the identified Manufacturers/Mills/Semi Finished Products Suppliers will remain the same throughout the Pre-Qualification Tenure. No additional Suppliers/Manufacturers/Semi Finished Manufacturers will be acceptable after the Finalization of the Pre-Qualification</p> <p>v. Bidder to confirm delivery at OGDCL I-9 Store Islamabad or KBS Karachi</p>	
12	If the bidder has not already supplied X-Mass to OGDCL then certificates of satisfactory performance issued by authorized officials of at least 3 different multinational E&P companies or other renowned E & P companies (not belonging to the manufacturer's country) regarding the performance of supplied 5000 and 10000 psi X-mass trees must be provided with the bid. The certificates must be on the company letterhead and should	

	indicate the Name & Designation of the signing authority along with his complete contact details including his official email address. Certificates issued by supply houses etc. will not be considered.	
13	Usually the desired delivery period will be 06 months (or less as specified) C&F Karachi/FOR from the day of L/c establishment. Bidders needs to confirm that they can deliver the tendered items within 06 months on as and when required basis. However in some Scenarios Urgent Deliveries may also be specified accordingly. In case bidder does not comply the mentioned delivery period will not qualify for category # 01.	
14	The bidder to confirm clearly in the prequalification documents that the material test certificates will be provided with the shipping documents.	
15	In case bidder has not supplied X-Mass Trees to OGDCL then it is required to submit original print of the annual audited accounts reports for the last 3 consecutive years (along-with attested English Copies) with the prequalification documents in order to verify its liquidity position, revenues, profitability of the company.	
16	In all tenders OGDCL will arrange Third Party Inspection (TPI) the scope of inspection will be decided on case to case basis, the bidder to confirm that all necessary assistance will be provided to the TPI Company.	
17	In case OGDCL requires Material Class "HH" (CRA) Well Head Material with Cladding Requirements then OGDCL will acquire two envelope Technical Quotes and financial quotes, Supply Records, Performance Certificates from the Pre-qualified Manufacturers to Shortlist their Capability for the Manufacturing of Material Class "HH" Well Heads/X-Mass Trees.	
18	The bidder must have set up/arrangement in Pakistan equipped with all the necessary tools/equipment, to install/service the X-Mass trees at any OGDCL location on 1-2 days' notice period. The setup must have necessary facilities/equipment to redress Lubricator, Tubing Hanger, Pressure testing of Gate valve assembly and Greasing /Maintenance of Gate valves etc as and when required. The details of the facilities available at the setup must be provided with the prequalification documents. At-least two full time experienced service engineers must be available, the lead engineer must have a minimum experience of 5 years in installation and servicing of X-Mass trees/well heads. The resumes of the service Engineers must be provided with the prequalification documents. OGDCL can visit/inspect the local set up without any prior notice during the working hours. In case a manufacture does not have their own or authorized services set up in Pakistan then they will provide an undertaking	

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	<p>with their bid that they will either establish a base or arrange an authorized third party facility in Pakistan within 120 days after being successfully prequalified by OGDCL.</p> <p>No manufacturer will be prequalified in case they do not have a services set up in Pakistan (own or authorized) or they do not provide an undertaking to establish the same after successful prequalification. A bidder may be disqualified after being prequalified if it does to provide an evidence that necessary services setup has been established.</p> <p>The conditions mentioned below at S.No. 19 to 26 will apply to the services provided by the bidder/manufacturer.</p>	
19	X-Mass Trees services will be provided by the original OEM or authorized Service Engineer to install all the provided material at any OGDCL site in Pakistan on as and when required basis. Confirmation to this effect along with CV's of at least 03 qualified and experienced Service Engineers must be enclosed with technical offer	
20	Service Engineer should be professionally competent, must have 3 to 5 years relevant experience with Minimum of 10 to 15 X-Mass Trees jobs carried out independently.	
21	Bidder to identify/mention the LC beneficiary for Saleable Items and the service order beneficiary for Local services in their Data Summary Sheet.	
22	Manufacturer to confirm that the day rates will commence at the arrival of the Engineer at Rig site and will cease from the day when service Engineer completed the job at Rig site. No extra days will be paid.	
23	Only one service Engineer charges will be applicable to carry out the X-mass Trees services Job.	
24	Boarding lodging of Service Engineer at Rig site will be the responsibility of OGDCL. However OGDCL will not provide any transport to service Engineer/tools to reach at rig site, it will be the exclusive responsibility of the service provider to arrange the transportation for the service engineer/tools from the base to the OGDCL site and back to the base.	
25	The Bidder will ensure to send Local Service Engineer at Rig site within 02 days (maximum) after receiving mobilization notice from OGDCL.	
26	Services payment will be made as per actual services rendered at any OGDCL well on as and when required basis.	
27	Only forged tubing spools, bonnet flange, cross, gate valves, flanges etc. will be acceptable, bidder to provide a clear cut confirmation in this regard in the prequalification documents.	
28	Tubing head spools and X-Mass Trees must be provide in assembled form	

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29	Tubing head spools and X-Mass Trees components may require in loose form on as and when required basis.	
30	The bidder is to quote the above mentioned items, however, any other item which is essentially required and not listed above must also be quoted.	
31	The gate valves with split gates are not acceptable, only solid gates are acceptable. Bidder to provide a clear cut confirmation in this regard in the prequalification documents.	
32	Body bushing must be free floating (pressed in body bushings are not acceptable).	
33	Gate must seal metal to metal against the body bushing and body bushing must seal metal to metal against valve body i.e. all seals must be metal to metal.	
34	Stem must be non-rising type	
35	Valve stem and bonnet must have back seating feature (metal to metal) to allow stem packing change while under pressure.	
36	Sealant injection ports on the valve body are not acceptable.	
37	The stem packing should be non-elastomeric and protected by a suitable material against the well bore fluids No Chevron or lip type seals are acceptable.	
38	All the Gate valves should be bi-directional.	
39	Engineering Data Sheets, Technical literature along with installation manual on CD/USB of the manufacturer(s) for all the equipment must be submitted with the prequalification document.	


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CATEGORY # 02

X-MASS TREES AND TUBING HEAD SPOOLS 15000 PSI

Tubing Head Spools & Gate Valve Assemblies 15000 PSI WP, All Material to be as per API 6A, Latest Edition PSL-3/PSL-3G, PR-2, Temperature Class T TO X. Material Class EE TO HH.

<u>TUBING HEAD SPOOLS</u>		<u>GATE VALVES ASSEMBLIES /X-MASS TREES</u>
i. 11 INCH X 7-1/16 INCH 15 PSI WP ii. 11 INCH X 11 INCH 15K PSI WP Or any other size in 15000 PSI WP		i. 3-1/16 INCH 15K PSI WP ii. 4-1/16 INCH 15K PSI WP Or any other size in 15000 PSI WP.
Sr #	Description	Bidder to confirm their Capability to Manufacture and supply the Items as per the generic specifications mentioned in the Table.
1	TUBING HEAD SPOOLS IN ASSEMBLED FORM	
1.i	One (01) no Tubing Head spool (forged material) with Bottom x Top flange API 15,000 PSI WP. The top of the spool to have tie down screws and bottom having Metallic seals for 7" or 9-5/8" Casing and 2-1/16" API 15,000 PSI WP Studded Outlets having 1-1/2" VR Thread. All required accessories e.g. Allen Wrench etc. should be supplied with each tubing spool and placed in the box containing that spool along with the following fitted Items (S. No. 1.ii to 1.v)	
1.ii	Two (02) nos 2-1/16" 15,000 psi WP Double Flanged gate valves (forged material), Including Hand, wheels.	
1.iii	Two (02) nos 2-1/16" 15,000 PSI W.P. Double Studded Instrument flanges (forged material) with two 9/16" Autoclave connection taps (plugged) on each instrument flange	
1.iv	Two (02) nos 2-1/16" 15,000 psi WP' Blind flanges (forged material) with one 9/16" Autoclave Tap (plugged) on each blind flange	


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1.v	One (01) complete set of studs, nuts and ring gaskets required to assemble the above components	
2	Christmas Tree/Gate Valve Assemblies in Assembled Form having following components S. No. 2.i to 2.x	
2.i	One (01) no Double Studded Adaptor Pack Off Flange Bottom x Top API 15,000 psi WP Top (forged material) Metal to Metal Seal with two 1/4" control lines preparation, Pack-off flange must have two needle valve assembly boxes attached outside for ending 1/4" control line. Exit block must have 9-/16", Autoclave connection for control panel, along with all necessary SS fittings for continuous control line installation and connection to control panel (the pack-off flange must be compatible with Tubing Head Spool and the Tubing Hanger)	
2.ii	Six (06) nos 15000 psi WP Double Flanged gate valves (forged material), including Hand wheels. One each as LMV & swab valve and two on each wing,(06 No. /X-Mass Tree Assy).	
2.iii	One (01) no 15000 PSI W.P. hydraulically actuated gate valve (forged material) as UMV. Each with hydraulic override (hand wheel to be provided) and fusible hold open device,(01 Nos/X-Mass Tree Assy)	
2.iv	One (01) no 15000 PSI WP studded cross (forged material), (01 No / X-Mass Tree Assy).	
2.v	One X-Mass top flange with OTIS type code 'G' quick union (7-1/2" - 4 ACME, 5.500" seal diameter, 3" Nominal ID 15000 psi W.P.STD/H2S service) with a 9/16" Autoclave connection on the top for pressure gauge installation (plugged). Inside of top flange should have specified Female Pickup Threads (01 No /X-Mass Tree Assy). The ID should allow running of Cameron type 'H' BPV.	
2.vi	Two (02) nos 15,000 PSI W.P. Double Studded Instrument flanges (forged material) with two 9/16" Autoclave	

	connection taps (plugged) on each instrument flange	
2.vii	One (01) no adjustable choke assembly (forged material), angle type PSI WP Inlet and Outlet Flanged connections, 1" maximum orifice. Hand wheel operated and complete with Choke Spanner,(01 No/X-Mass Tree Assy).	
2.viii	One (01) positive choke assembly (forged material), 15000 PSI WP Inlet and Outlet Flanged connections,(01 No/X-Mass Tree Assy).	
2.ix	Two (02) nos Companion Flanges 15000 PSI WP Flange with Ring Groove X 2" FIGURE 2202 WECO UNION-C/W Plug and Nut	
2.x	One (01) no complete set of studs, nuts and ring gaskets required to assemble the above components, (01 Set/X-Mass Tree Assy).	
3	<u>Accessories of Tubing Head Spools and Christmas Trees assemblies to be supplied loose 15K Psi W.P</u>	
3.i	Set of studs and nuts for Tubing Head Spools, Pack off Flanges and Gate Valves or any other size	
3.ii	Gasket, Self-Sealing Ring ST/STL BX-152, 154, 155, 158 or any other size.	
3.iii	11", Nom. Bore Wear Bushing, for Tubing Head Spool 15000 psi WP	
3.iv	Tool for Installation & Removal of Wear Bushing with 3-1/2" IF Box (Bottom & Top). The Tool may also be used for testing the BOP including the provision to test the Blind rams also,	
3.v	Tubing Hanger Assembly 15,000 psi W.P (Box) Top X (Box) Bottom extended neck with Metal to Metal Seal having two 1/4" continuous Control Lines Prep. with all necessary fittings for control line installation. Cameron type 'H' BPV Compatible to quoted Tubing Hanger. Hanger must be compatible with the THS and Setting must not require any alignment.	


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	<ul style="list-style-type: none"> • Premium Threads e.g. Hydril CS/Hydril PH-6/Vam Top HC/Tenaris TSH Blue/JFE Bear or any other equivalent Threads (Box x Box) Top & Bottom, compatible with Cameron type 'H' BPV, • Compatible to Tubing Head Spool and Hanger Setting must not require any alignment • The bottom part of the tubing hanger should allow for the use of power tong to tighten it to the pin x pin X-over at the top of the tubing string with recommended torque for the relevant thread connections. 	
3.vi	Valve, Back Pressure, Cameron Type 'H' 4 T.P.I. L.H. Thread for 15K rating Tubing Hanger.	
3.vii	Two Way Check valve for Tubing Hanger.	
3.viii	Back Pressure Valve Insertion Tool for BPV/Check Valve.	
3.ix	Back Pressure Valve Removal Tool for BPV/Check Valve	
3.x	Reducer bushing assembly, 9-5/8" x 7" casing with necessary metallic seals, in case the spool is to be used on 7" casing.	
3.xi	Pressure gauges Dia 4-1/2", face 0-15000 psi, 9/16" Autoclave connection, stainless steel case	
3.xii	Thermo well Compatible with Double Studded Instrument Flange. Autoclave Connections.	
3.xiii	Temperature Gauge, 4 to 4-1/2" Dial , Range 0° F to 400° F, Compatible with thermo well. Auto clave connection	
3.xiv	Valve needle male x female 9/16" autoclave - 15000 psi	
3.xv	Flange 15000 psi W. P w/ Fig 2202 Connection Hammer Union	
3.xvi	Set of beans consisting one each of Bean, Flow for Positive Choke size 16/64", 20/64", 24/64", 28/64", 32/64", 36/64", 40/64", 44/64", 48/64" 52/64", 56/64", 60/64", 64/64", 128/64" Orifice	

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3.xvii	Bean Wrench for Positive Choke.	
3.xviii	Lubricator Assembly (forged material) with 16 foot Polished Rod along with C & Friction Wrenches, the lubricator bottom should have a OTIS type code 'G' quick union (7-1/2" - 4 ACME, 5.500" seal diameter, 3" nominal ID, 15,000 psi W.P.STD/H2S service) compatible the tree top flange.	
3.xix	SUBSTITUTE, Premium Threads e.g. Hydril CS/Hydril PH-6/Vam Top HC/Tenaris TSH Blue/JFE Bear/JFE Fox or any other equivalent Threads PIN X PIN.	
3.xx	Adaptor flange, double studded complete with studs/nuts and ring gaskets any size in 15000 psi WP	
3.xxi	Adaptor/Spacer spools, complete with studs/nuts and ring gaskets any size in 15000 psi WP	
4	<u>Repair Kits</u> Complete description of all the items in each repair kit must be provided in the prequalification documents.	
4.i	For Tubing Head Spool	
4.ii	For Pack Off Flange	
4.iii	For Tubing Hanger	
4.iv	For BPV	
4.v	For Gate Valves	
4.vi	For Test Plug	
4.vii	For X-Mass Tree Cap	
4.viii	For Hydraulic Actuator	
4.ix	For Adjustable Chokes	
4.x	For Positive Chokes	
4.xi	For Lubricator	
5	<u>X-MASS TREES SERVICES REQUIREMENT</u> Service Engineer for X-Mass Tree Installation, Malfunctioning Job e.g. Greasing, BPV running Retrieving, other Services etc.	


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The Bidder to fill the following Pre-Qualification form for Category-2

The Bidder/Manufacturer to provide the Data/supply Record for 15000 Psi Tubing Head Spools and X-Mass Trees mentioned in Category-2.

<p>Every bidder must comply the following conditions in order to be Pre-qualified in category-2. All the required supporting documents must be attached where applicable.</p> <p>Bidders failing to do so would be considered disqualified for further Technical evaluation.</p>	<p>Bidder to comply /confirm the following in the Table and provide necessary documents accordingly.</p>	
1	<p>Bidder must provide the detailed technical literature/documents for the manufacturing company.</p>	
2	<p>In case the bidder and the Manufacturer are different, then the bidder must provide an original Authority letter/OEM certificate from the Manufacturer with the prequalification documents. The letter must be on company letter head, showing the name, designation and contact details (Official e-mail & fax number) of the signing authority.</p>	
3	<p>The parent manufacturing company must be possessing API-6A and API Spec Q1/ISO Certificates for at least 25 years & their certificates should be valid on the date of the Tender Opening and should remain valid throughout the Pre-Qualification Term.</p> <p>In case the bidder has multiple manufacturing facilities under its umbrella then at least one of its major plants must fulfill the above criteria.</p>	
4	<p>In case the API 6A certificate of the bidder/Manufacturer does not allow it to use API monogram on any of the critical item required in the tender e.g. Actuators, Choke valves, BPV etc. and the bidder/manufacturer is quoting these items manufactured by any third party facility/company then the following must be provided with the bid</p> <p>i-Identification of the item</p> <p>ii- The name of the facility from where it will be provided</p> <p>iii- The third party facility should be API-6A certified to API monogram the item.</p> <p>iv- The third party facility should be API-6A certified to manufacture that specific item for 25 years API-6A certificates to be provided.</p>	


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	<p>v- Authority letter for the third party facility in favor of the bidder is to be provided.</p> <p>vi. Supply record of third party manufacturer for the individual items being quoted in excess of at least 100 items supplied in the last 10 years.</p>	
5	<p>The manufacturer(s) must have manufactured & supplied 15000 psi X-Mass trees to the multinational E&P companies and other renowned E & P companies (not belonging to the manufacturer's country) in excess of 100 sets during the last ten years, the supply record must confirm this fact. The Supply record only for the complete sets of X-mass trees should be submitted and it should also specify the contact person's Name, Designation and Contact details inclusive of official email address of the customers. Trees sold to supply houses etc. will not be considered. If the bidder has already supplied X-mass trees to OGDCL then supply record is not required.</p>	
6	<p>A bidder that has already supplied X-Mass trees to OGDCL may be disqualified based on the unsatisfactory performance of the supplied equipment.</p>	
7	<p>For Tubing Hangers, X-overs and Female Pick up/lifting threads inside of top flange of Tree cap Premium Threads e.g. Hydril CS/Hydril PH-6/Vam Top HC/Tenaris TSH Blue/JFE Bear or equivalent threads or any other API Threads may be required.</p> <ul style="list-style-type: none"> • Bidders need to confirm that they can provide any thread connection for Tubing Hangers, X-Overs etc. as per OGDCL requirement, it may be API or any renowned premium thread connection. • Bidder need to identify the name of the threading facility and provide its relevant licenses e.g. the API 5CT certificate, the license issued by the patent holder of any premium thread connection. • Bidder needs to submit the supply record of the threading facility with the prequalification documents. • The commonly used thread connections in OGDCL are given at S. No. 8 to 10 below. 	
8	<p>CS Hydril threads or equivalent and 100% Interchangeable connections will also be acceptable e.g. Grant Prideco's "RTS-8" , TPS Technitube "TS-8" ,Hunting's TS -HP", Halliburton's "OECA-A" ,Benoit's "BTS-8",Weatherford's WTS-8</p>	
9	<p>PH-6 Hydril threads or equivalent and 100% Interchangeable connections will also be acceptable e.g. Grant Prideco's "RTS-6" , TPS Technitube "TS-6" ,Hunting's "TS-HD", Halliburton's "OECA-C" & Benoit's "BTS-6", Weatherford's WTS-6</p>	


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10	Vam Top HC or Equivalent Premium threads may be specified which may include the leading CAL IV Tested Threads Like JFE Bear, JFE Fox, Tenaris Blue, etc.	
11	<p>In case of local Manufacturer who is claiming the price preference, the bidder will have to provide the following details regarding the finished/semi-finished products being imported for all tenders.</p> <p>i. Identify the name of manufacturer(s) of the finished products, provide its (their) authority letter(s) and its (their) API-6A for at least Twenty five (25) years,</p> <p>ii. Bidder needs to identify the name of the Mill(s)/Manufacturer(s) supplying the semi-finished products, provide its (their) authority letter(s) and its (their) API-6A for twenty five (25) years, Q1 or relevant ISO certificates.</p> <p>iii. Supply record of third party manufacturer for Semi finished and finished items being quoted in excess of at least 200 15000 psi items individually in the last 10 years</p> <p>iv. The Local Manufacturer to confirm that the identified Manufacturers/Mills/Semi Finished Products Suppliers will remain the same throughout the Pre-Qualification Tenure. No additional Suppliers/Manufacturers/Semi Finished Manufacturers will be acceptable after the Finalization of the Pre-Qualification</p> <p>v. Bidder to confirm delivery at OGDCL I-9 Store Islamabad or KBS Karachi</p>	
12	<p>If the bidder has not already supplied X-Mass to OGDCL then certificates of satisfactory performance issued by authorized officials of at least 3 different multinational E&P companies or other renowned E & P companies (not belonging to the manufacturer's country) regarding 15000 Psi X-mass trees must be provided with the bid. The certificates must be on the company letterhead and should indicate the Name & Designation of the signing authority along with his complete contact details including his official email address. Certificates issued by supply houses etc. will not be considered.</p>	
13	<p>Usually the desired delivery period will be 06 months (or less as specified) C&F Karachi/FOR from the day of L/c establishment. Bidders needs to confirm that they can deliver the tendered items within 06 months on as and when required basis. However in some Scenarios Urgent Deliveries may also be specified accordingly.</p> <p>In case bidder does not comply the mentioned delivery period will not qualify for category # 02.</p>	


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14	The bidder to confirm clearly in the prequalification documents that the material test certificates will be provided with the shipping documents.	
15	In case bidder has not supplied X-Mass Trees to OGDCL then it is required to submit original print of the annual audited accounts reports for the last 3 consecutive years (along-with attested English Copies) with the prequalification documents in order to verify its liquidity position, revenues, profitability of the company.	
16	In all tenders OGDCL will arrange Third Party Inspection (TPI) the scope of inspection will be decided on case to case basis, the bidder to confirm that all necessary assistance will be provided to the TPI Company.	
17	In case OGDCL requires Material Class "HH" (CRA) Well Head Material with Cladding Requirements then OGDCL will acquire two envelope Technical Quotes and financial quotes, Supply Records, Performance Certificates from the Pre-qualified Manufacturers to Shortlist their Capability for the Manufacturing of Material Class "HH" Well Heads/X-Mass Trees.	
18	<p>The bidder must have set up/arrangement in Pakistan equipped with all the necessary tools/equipment, to install/service the X-Mass trees at any OGDCL location on 1-2 days' notice period. The setup must have necessary facilities/equipment to redress Lubricator, Tubing Hanger, Pressure testing of Gate valve assembly and Greasing /Maintenance of Gate valves etc as and when required. The details of the facilities available at the setup must be provided with the prequalification documents. At-least two full time experienced service engineers must be available, the lead engineer must have a minimum experience of 5 years in installation and servicing of X-Mass trees/well heads. The resumes of the service Engineers must be provided with the prequalification documents. OGDCL can visit/inspect the local set up without any prior notice during the working hours.</p> <p>In case a manufacture does not have their own or authorized services set up in Pakistan then they will provide an undertaking with their bid that they will either establish a base or arrange an authorized third party facility in Pakistan within 120 days after being successfully prequalified by OGDCL.</p> <p>No manufacturer will be prequalified in case they do not have a services set up in Pakistan (own or authorized) or they do not provide an undertaking to establish the same after successful prequalification. A bidder may be disqualified after being prequalified if it does to provide an evidence that necessary services setup has been established.</p> <p>The conditions mentioned below at S.No. 19 to 26 will apply to the services provided by the bidder/manufacturer.</p>	

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19	X-Mass Trees services will be provided by the original OEM or authorized Service Engineer to install all the provided material at any OGDCL site in Pakistan on as and when required basis. Confirmation to this effect along with CV's of at least 03 qualified and experienced Service Engineers must be enclosed with technical offer	
20	Service Engineer should be professionally competent, must have 3 to 5 years relevant experience with Minimum of 10 to 15 X-Mass Trees jobs carried out independently.	
21	Bidder to identify/mention the LC beneficiary for Saleable Items and the service order beneficiary for Local services in their Data Summary Sheet.	
22	Manufacturer to confirm that the day rates will commence at the arrival of the Engineer at Rig site and will cease from the day when service Engineer completed the job at Rig site. No extra days will be paid.	
23	Only one service Engineer charges will be applicable to carry out the X-Mass Trees services Job.	
24	Boarding lodging of Service Engineer at Rig site will be the responsibility of OGDCL. However OGDCL will not provide any transport to service Engineer/tools to reach at rig site, it will be the exclusive responsibility of the service provider to arrange the transportation for the service engineer/tools from the base to the OGDCL site and back to the base.	
25	The Bidder will ensure to send Local Service Engineer at Rig site within 02 days (maximum) after receiving mobilization notice from OGDCL.	
26	Services payment will be made as per actual services rendered at any OGDCL well on as and when required basis.	
27	Only forged tubing spools, bonnet flange, cross, gate valves, flanges etc. will be acceptable, bidder to provide a clear cut confirmation in this regard in the prequalification documents.	
28	Tubing head spools and X-Mass Trees must be provide in assembled form	
29	Tubing head spools and X-Mass Trees components may require in loose form on as and when required basis.	
30	The bidder is to quote the above mentioned items, however, any other item which is essentially required and not listed above must also be quoted.	
31	The gate valves with split gates are not acceptable, only solid gates are acceptable. Bidder to provide a clear cut confirmation in this regard in the prequalification documents.	
32	Body bushing must be free floating (pressed in body bushings are not acceptable).	

33	Gate must seal metal to metal against the body bushing and body bushing must seal metal to metal against valve body i.e. all seals must be metal to metal.	
34	Stem must be non-rising type	
35	Valve stem and bonnet must have back seating feature (metal to metal) to allow stem packing change while under pressure.	
36	Sealant injection ports on the valve body are not acceptable.	
37	The stem packing should be non-elastomeric and protected by a suitable material against the well bore fluids No Chevron or lip type seals are acceptable.	
38	All the Gate valves should be bi-directional.	
39	Engineering Data Sheets, Technical literature along with installation manual on CD/USB of the manufacturer(s) for all the equipment must be submitted with the prequalification document.	


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TENDER ENQUIRY NO. PROC-FB/CB/PROD-3340/2018
FOR PREQUALIFICATION OF MANUFACTURERS FOR SUPPLY OF
TUBING HEAD SPOOLS AND X-MASS TREES EQUIPMENT ALONG WITH SERVICES
FOR A PERIOD OF THREE (03) YEARS ON AS AND WHEN REQUIREMENT BASIS

ANNEXURE-J

All bidders/manufacturers are requested to submit required information as per following format without fail.

COMPLETE NAME AND ADDRESS OF MANUFACTURER(S), E-MAIL ADDRESS, PHONE / FAX NOS.	
COMPLETE NAME AND ADDRESS OF SERVICE PROVING ENTITY / BENEFICIARY, E-MAIL ADDRESS, PHONE / FAX NOS.	
COMPLETE NAME AND ADDRESS OF L/C BENEFICIARY, E-MAIL ADDRESS, PHONE/FAX NOS.	
COUNTRY OF ORIGIN	
NAME AND ADDRESS OF LOCAL AGENT IN PAKISTAN (IF ANY), E-MAIL ADDRESS, PHONE / FAX NOS.	

Note:

- i- In case of more than one manufacturer, provide complete detail(s) of each manufacturer.
- ii- In case of more than one country of origin, please provide name of country instead of mentioning EU, ASIA, etc.


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