

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 JET PUMP WELLHEAD ASSEMBLIES 2-9/16", 5000 PSI WITH ACCESSORIES AND SERVICES
Tender Enquiry No PROC-FB/CB/PE&FD-5207/2021
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	JET PUMP WELLHEAD ASSEMBLIE 2-9/16 inch 5000 psi WP with Accessories, Spares and Services. All Material to be as per API 6A Latest Edition PSL-3, PR-2, Temperature Class U, Material Class EE-1.5. For Details See Attached Sheets.	Sets	10					

- Note:**
- 1) BID VALIDITY: BID MUST BE VALID FOR 180 DAYS FROM BID OPENING DATE.
 - 2) BID BOND AMOUNT: USD 7,000/- OR EQUIVALENT PKR TO BE SUBMITTED WITH TECHNICAL BID AND VALID FOR 210 DAYS.
 - (3) DELIVERY PERIOD: 06 MONTH FROM L/C ESTABLISHMENT DATE.
 - (4) EVALUATION CRITERIA: "FULL CONSIGNMENT WISE" ON CFR BY SEA KARACHI-PAKISTAN BASIS.
 - (5) TENDER DOCUMENTS AVAILABLE ON OGDCL'S WEBSITE UNDER TAB "MASTER SET OF FOREIGN TENDER DOCUMENT (PRESS-SINGLE STAGE TWO ENVELOP) 07-09-2021

Jet Pump Wellhead Assemblies 2-9/16" 5000 PSI WP and Tubing Head Spools 11" x 7-1/16" 5000 PSI WP. All Material to be as per API 6A, Latest Edition PSL-3, PR-2, Temperature Class 'U' Material Class 'EE-1.5'

Sr #	DESCRIPTION	UOM	Qty	Unit CFR	Total CFR
1	Jet Pump Wellhead Assembly. Each assembly should be supplied in assembled form as per attached Figure # 01 having following components at Serial no 1.1 to 1.4. Please refer to the attached Figure-1	Nos.	10	Lump sum 01 set cost of Jet Pump Wellhead assembly including items 1.1 to 1.4	
1.1	One Double studded pack-off flange (forged material), Bottom 7-1/16" API 5000 psi WP and Top 2-9/16" API 5000 psi WP. Pack-off flange must have test ports. The pack-off flange must be self energized and compatible with tubing head spool assembly at Serial # 02 and the tubing hanger at Serial # 06 (01 No/ Assembly).				
1.2	One Double Flanged gate valve (forged material) 2-9/16" 5000 psi WP installed at the top of Pack off Flange as Master valve hand wheel driven Including Hand wheel, Non Rising Stem. (01 No/ Assembly).				
1.3	One Top Cap Bottom 2-9/16" API 5000 psi and Top OTIS type code 'G' quick union (5-3/4" - 4 OTIS 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 cap should have 2-7/8" 6.5 lb/ft Hydril CS or equivalent premium Lifting Threads. (01 No/Assembly)				
1.4	One complete set of studs, nuts and ring gaskets required to assemble the above components 1.1 and 1.3				
2	Tubing Head Spool Assembly (Figure Attached). Each assembly should supplied in assembled form as per attached Figure-2) having following components at Serial no 2.1 to 2.4. Please refer to the attached Figure-1	Nos.	10	Lump sum 01 set cost of Tubing Head Spool including items 2.1 to 2.4	
2.1	One Tubing Head spool (forged material) Bottom flange size 11" API 5000 PSI WP and Top flange size 7-1/16 API 5000 PSI WP. The top of the spool to have tie down screws and bottom having double FS seals for 7" Casing must be self energized having test ports and two 2-1/16" API 5000 PSI WP Studded Outlets having 1-1/2" VR Thread. All required accessories e.g. Allen Wrench, Spanners etc. should be supplied with each tubing spool and placed in the box containing that spool with the following fitted items at Serial no 2.2 to 2.4 <u>Bidders are strictly advised to mention the minimum bore ID of quoted tubing head spool in the technical bid</u>				
2.2	Two 2-1/16" 5000 psi WP Double Flanged gate valves (forged material), Including Hand wheel, Non Rising Stem (02 Nos./ 01THS Assy).				
2.3	Two 2-1/16" 5000 WP companion flanges with 2" Sch 120, Weld Neck ,(02 Nos/ 01THS Assy).				
2.4	One complete set of studs, nuts and ring gaskets required to assemble the above components at Serial # 2.1 to 2.3				

3	Accessories for the Jet Pump Wellhead Assemblies and Tubing Head Spool assemblies to be supplied loose separately				
4	Set of Studs and nuts each stud with 02 Nos Nuts, size 1-7/8" Dia x 14-1/2" length, Zn/Cad/PTFE coated, Material A193 GR B7	Sets	12		
5	Gasket, Self Sealing Ring ST/STL R-54	Nos.	12		
6	Tubing Hanger 7-1/16", 5000 psi W.P. with an extended seal neck having 2-7/8" 6.5 ppf Hydril CS or equivalent threads (Box x Box) top & bottom, along with 2-1/2" NOM Cameron type 'H' BPV (100%Interchangeable) or equivalent threads, (Compatible to quoted tubing spool at Serial # 02, Hanger Setting must not require any alignment. Please refer to the attached Figure-2	Nos	10		
7	Substitute /X-over 2-7/8" X 6.5 ppf Hydril CS or equivalent premium threads PIN X PIN, Material L-80 or equivalent grade (Type 1). Minimum Length = 2 Feet	Nos	12		
8	Wear Bushing for Tubing Head Spool at Serial # 02	Nos	8		
9	Tool for Installation & Removal of Wear Bushing at Serial # 8 with 3-1/2" IF Threads (Box x Box). The Tool may also be used for testing the BOP including the provision to test the Blind rams also.	Nos	8		
10	Valve, Back Pressure, 2-1/2" Nom. Type 'H' , 4 T.P.I. L.H. Thread 2-7/8" OD Tubing, Super Trim w/Inconel X-718 Body (must be compatible with the Tubing Hanger at Serial # 6).	Nos	6		
11	Insertion Tool for Back Pressure Valve at Serial # 10	Nos	6		
12	Removal Tool for Back Pressure Valve at Serial # 10	Nos	6		
13	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. 01 no C wrench and 01 no friction wrench will be provided with each Lubricator individually	Nos	4		
14	Flange , 2-9/16" 5000 psi WP w/ 2" Fig 1502 Connection Hammer Union	Nos	5		
15	Flange , 2-1/16" 5000 psi WP w/ 2" Fig 1502 Connection Hammer Union	Nos	5		
16	Gate Valves Double Flanged (forged material) 2-9/16" 5000 psi WP, including Hand wheels. Each gate valve will be provided with 01 no R-27 Ring Gasket and 01 Sets of studs and nuts comprises of 08 Nos studs (each with 02 Nos Nuts), size 1" Dia x 7" length ", Zn/Cad/PTFE coated, Material A193 GR B7	Nos	12	Lump sum 01 Gate valve cost including Ring Gasket and Studs Nuts	
17	Gate Valves Double Flanged (forged material) 2-1/16" 5000 psi WP, including Hand wheels. Each gate valve will be provided with 01 no R-24 Ring Gasket and 01 Sets of studs and nuts comprises of 08 Nos studs (each with 02 Nos Nuts), size 7/8" Dia x 6-1/4" length, Zn/Cad/PTFE coated, Material A193 GR B7	Nos	12	Lump sum 01 Gate valve cost including Ring Gasket and Studs Nuts	
18	2-1/16" 5000 WP companion flanges with 2" Sch 120, Weld Neck Each flange will be provided with 01 no R-24 Ring Gasket and 01 Sets of studs and nuts comprises of 08 Nos studs (each with 02 Nos Nuts), size 7/8" Dia x 6-1/4" length, Zn/Cad/PTFE coated, Material A193 GR B7	Nos	22	Lump sum 01 Flange cost including Ring Gasket and Studs Nuts	

19	2-9/16" 5000 WP companion flanges with 2" Sch 120, Weld Neck Each flange will be provided with 01 no R-27 Ring Gasket and 01 Sets of studs and nuts comprises of 08 Nos studs (each with 02 Nos Nuts), size 1" Dia x 7" length ", Zn/Cad/PTFE coated, Material A193 GR B7	Nos	12	Lump sum 01 Flange cost including Ring Gasket and Studs Nuts	
20	1/2" NPT, 5000 psi WP Needle valves (Male x Female), Super Trim, 316 ST/STL.	Nos	10		
21	Pressure Gauges 0- 5,000 Psi Dial Size 3-1/2"-4" with 1/2" NPT Thread	Nos	10		
22	Hydraulic Pump Hand Operated for testing the wellhead assembly along with connecting pressure manifold, API 5,000 psi WP.	Nos	10		
23	Set of Studs and nuts each stud with 02 Nos Nuts, size 1-3/8" Dia x 11-1/4" length, Zn/Cad/PTFE coated, Material A193 GR B7	Sets	12		
24	Gasket, Self Sealing Ring ST/STL R-46	Nos	20		
25	Repair kits (Complete description of all the items in each repair kit must be provided in the technical bid).				
26	Repair kits for Pack-off flange at Serial # 1.1 e.g. O-rings, seal rings etc. and any other part essentially required to service the Pack-off flange	Sets	5		
27	Repair kits for Top cap at Serial # 1.3 e.g. O-rings, etc. and any other part essentially required to service the Tree Cap	Sets	10		
28	Repair kits for Tubing Head Spool at Serial # 2, Each kit consisting of two nos 7" FS seals, Retainer wires & any other part essentially required to service the spool	Sets	10		
29	Repair kits for Tubing hanger at Serial # 6, 01 set consisting of Metallic and soft seals for hanger body and neck, O-rings etc. and any other part essentially required to service the tubing hanger	Sets	10		
30	Repair kits for BOP Test Plug/ Running and retrieving tool for Wear bushing at Serial # 9, e.g. seals, O-rings (01 set consisting of 02 Numbers of Seals/O-Rings, etc.)	Sets	10		
31	Repair kits for Back pressure valve at Serial # 10, 01 set consisting of 02 Numbers of Seals/O-Rings, etc.	Sets	10		
32	Repair kits for Lubricator Assembly at Serial # 13, e.g. Gland Packing, O-Rings, seals, etc. and any other part essentially required to service the Lubricator Assembly	Sets	2		
33	Repair kits for 2-9/16" 5000 psi Gate valves at Serial # 16 e.g. Pins, Bearings, Bonnet Seal, Seat Seal, Stem Packing, O-rings, etc. and any other part essentially required to service the valve. However kit may not include major items e.g. gate	Sets	5		
34	Repair kits for 2-1/16" 5000 psi Gate valves at Serial # 17 e.g. Pins, Bearings, Bonnet Seals, Seat Seals, Stem Packing, O-rings, etc. & any other part essentially required to service the valve. However kit may not include major items e.g. gate	Sets	5		
35	Total Cost for Sale Items				

Associated Completion Services		Rates in US \$ (a)	Est. Number of Jobs (b)	Est. Job Duration of each job (c)	Total Cost US \$	Remarks
36	Service Engineer Operating Per Day Rate.	Per Day Rate	12	04 Days.	a x b x c	The operating day rate will be calculated /Evaluated for a 04 Days Job. Total Number of Jobs are approximately 12 Nos
37	Service Engineer Stand By Per Day Rate	Per Day Rate	12	03 Days	axbxc	i. The stand by rates will be applicable when there is a delay encountered in the job and the service engineer has already reached at job location. ii. Standby rates should not be more than 50% of the operating rates. iii. Standby by rates will be calculated /Evaluated for a 03 Days stand by. Total Number of Jobs are approximately 12 Nos
38	Lump Sum Mob/De Mob charges of Service Engineer	Per Mob/De-Mob	12 Visits	N/A	a x b	Financial Evaluation will be carried out for approximately 12 Nos Visits.
39	Total cost for associated Services (Exclusive Provincial Sales Tax)					
40	Total Cost for Sale Items + Total Cost for associated Services in USD			Financial Evaluation and Order Placement will be on Total Sale Items + Total Services Cost. Bidder is required to quote as per format without fail		
Terms and Conditions:						Bidder to comply and provide all the necessary documents with the Technical Bid
<u>Every bidder must confirm the following conditions in order to qualify for the detailed technical evaluation, all the required supporting documents must be attached with the technical bid.</u>						
1	<u>Technical and Financial Bids</u> Bidder are required to submit Technical & Financial bids in two envelopes separately					
2	<u>Bidder, Manufacturer and Local Agent</u> In case the bidder and manufacturer are different than original authority letter from the manufacturer to bidder must be furnished with the technical offer. The bidder will also provide a similar letter in case they have their local agent in Pakistan. The authority letter must be on company letter head, showing the name and contact details official E-mail of the signing authority.					
3	<u>Manufacturing Company API Certificates</u>					
3.i	<u>API-6A</u> The Manufacturer must be certified by API under Specs API-6A for at least Ten (10) years for Manufacturing of X-Mass Trees, Tubing Head Spools and accessories.					

3.ii	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. Gate Valves, Flanges, BPV etc. and the bidder/manufacturer is quoting these items manufactured by any third party facility/company than the following must be provided with the bid i-Identification of the item ii- The name of the facility from where it will be provided iii- The third party facility should be API-6A certified to API monogram the item. iv- The third party facility should be API-6A certified to manufacture that specific item for 10 years API-6A certificates to be provided. v- Authority letter from the third party facility in favor of the bidder is to be provided. vi. Supply record of third party manufacturer for the individual items being quoted in excess of at least 200 items supplied in the last 10 years.	
4	<u>Supply Record</u>	
4.i	The manufacturer must have a minimum of Ten (10) years experience in the manufacturing of X-Mass Trees, Tubing Head Spools and accessories	
4.ii	A detailed supply record containing year of supply, description of equipment, quantity, customer name/country, contact person's name & address official E-mail, must be provided with the technical bid for the last Ten (10) years.	
4.iii	The manufacturer must have supplied a minimum of 300 sets of 5000 psi and 10000 psi X-Mass Trees and Tubing Head Spools to the foreign E&P companies outside the country of their Origin in the last ten (10) years	
4.iv	Material supplied to supply houses will not be acceptable.	
4.v	Bidders or Manufacturers who have provided the supply record and provided X-Mass Trees and Tubing Head Spools to OGDCL in the past and already fulfill the pre requisite criteria are required to submit the copies of purchase orders issued to them by OGDCL	
5	<u>Performance Certificates</u>	
5.i	In case Bidder or Manufacturer has not supplied X-Mass Trees to OGDCL then it is required to submit the 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 of Origin) regarding supply of X-Mass Trees, Tubing Head Spools (5000 to 10,000 Psi Rating) must be provided with the technical bid.	
5.ii	The certificates must either be on the company letterhead or Official Email indicating the Name & Designation of the issuing Personnel along with complete contact details and address. The bidder must provide latest E-mail to directly verify the authenticity of these certificates/Emails from the issuing authority/company.	
5.iii	Certificates/Emails issued by supply houses. etc. will not be acceptable.	
6	<u>Financial Reports of the Bidder and Manufacturer</u> In case Bidder or Manufacturer 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) of the Bidder and Manufacturer separately (In case of Bidder & Manufacturer are not same) in order to verify its liquidity position, revenues, profitability of the company.	
7	<u>Delivery Requirements</u> i. The desired delivery period is 06 months C&F Karachi from the date of LC establishment. Bids received with more than 06 months delivery period may not be considered for evaluation. ii. In case of local Manufacturer, bidder needs to confirm delivery at OGDCL I-9 Store Islamabad or Korangi Base Store Karachi	
8	<u>Local Manufacturer</u> In case of local Manufacturer who is claiming the price preference as per SRO No. 827(I) 2001, the manufacturer / bidder will have to provide the following:- i. Tender specific letter from Engineering Development Board (EDB) confirming value addition. ii. Bidder needs to identify the name of the Mill(s)/Manufacturer(s) supplying the finished and 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. iii. Supply record of third party manufacturer for finished and semi-finished items being quoted in excess of at least 300 items individually in the last 10 years	

9	Technical and Financial Evaluation Criteria	
9.i	The technical and financial evaluation will be carried out on complete package basis. Bidders are requested to submit their bids as per SOR without missing any line item	
9.ii	The bidders are advised to quote all the line Items and in case of any issue the bidders should clarify during pre bid submissions clarifications and ensure the quote of each and every line Item.	
9.iii	Bidders must quote every line item, even if same is not required in their case. If any item is not required then they can mention this in remarks column.	
9.iv	Technical Data Sheets and Technical Literature	
9.v	Bidders are required to submit the technical data sheets of all the line items individually must specifying the metallurgy, pressure rating, temperature rating, ODs, IDs, Min Bore IDs, Lengths, Threads etc.	
10	Material Test Certificates/Certificates of Conformance The bidder to confirm that the material test certificates and certificates of conformance will be provided with the shipping documents.	
11	Forged Material Only forged Tubing head spools, Pack off flange, Gate valves, Flanges etc. will be acceptable, bidder to provide a clear cut confirmation in this regard.	
12	Services Setup	
12.i	The Bidder/Manufacturer to provide documentary evidence that they have their own or authorized services set up in Pakistan with at least 2 to 3 competent and experienced service engineers in Pakistan for successful execution of jobs.	
12.ii	The Authorized/Local services set up of bidder to provide the Pictures & Street Address of its local set up. OGDCL Team may visit Un Announced to Inspect the set up.	
12.iii	The Authorized/Local services set up should have provided services to E & P companies in Pakistan. Details of the services provided to be attached with the technical bid. In addition service provider will ensure that at least two engineers will always be available for OGDCL callout Notice.	
12.iv	The service provider must have sufficient number of service engineers to handle multiple simultaneous jobs	
12.v	The bid proposal should essentially include the CVs of Engineers that are expected to be deployed for the job, the lead service engineers must have more then 20 nos X-Mass Trees jobs experience, whereas the other must have a minimum of 10 X-mass Trees jobs experience. OGDCL will have the right to ask the service provider to replace the engineer while the job is being executed.	
12.vi	The Bidder will ensure to send Local Service Engineer at Job location within 02 days (maximum) after receiving mobilization notice from OGDCL.	
12.vii	The bidder to quote lump sum Mob/De-Mob charges for the service engineer which should include all transportation charges, hotel stay charges (if any) during the journey to the OGDCL site, etc.	
12.viii	The Bidder to confirm that the quoted services rates will be valid till the consumption of the Purchase Order Equipment and its associated service order.	
12.ix	The bidder to confirm that operating day rate will commence/applicable if the service engineer reaches at job location on or before 6 pm, operating day rate of service engineer on arrival and departure will only be included in the service ticket if the working hours on arrival day and departure day is at least 6 hours (1/4 day) on both occasions or mutually agreed at the job location.	
12.x	The stand by rates will be applicable when there is a delay encountered in the job and the service engineer has already reached at job location. Standby rates should not be more than 50% of the operating rates.	
12.xi	Only one Service Engineer charges will be applicable to carry out the completion Job	
12.xii	Boarding lodging of Completion Engineer at job location 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.	
12.xiii	The Payment will be made as per actual services rendered at any OGDCL well on as and when required basis.	

12.xiv	The service rates are to be quoted in US Dollars, however the payment mode will be in 100% equivalent Pak rupees as per the exchange rate prevalent at the date of payment. The Payment will be made as per actual days for which the services are rendered.	
13	<u>Material Specifications</u> The bidder is required to quote only forged material, as per API 6A Latest Edition, PSL-3, PR-2, Temperature Class 'U' Material Class EE-1.5' as per tender requirement	
14	<u>Tubing Hanger Design</u> Bidder is required to clearly specify the minimum, maximum and optimum torques. The length and diameter of the tubing hanger bottom at Serial # 6 should be suitable for the application of 2-7/8" tubing power tong	
14.i	<u>Threading Facility of Tubing Hangers, X-overs and Top Cap female pick up Threads</u> Bidders must submit the current API 5CT license(s) of the threading facilities which will be threading the Hydril CS or equivalent premium threads of tubing hangers (Serial # 6), X-overs (Serial # 7) and top cap female pickup threads (Serial # 1.3), these licenses must be valid at the time of bid submission.	
14.ii	<u>Surface Treatment of Tubing Hangers, X-overs and X-Mass Tree Top Flange inside Threads</u> Bidder is required to confirm that the threads on the tubing hanger, X-overs and top flange inside threads will undergo proper surface treatment, in order to prevent thread damage due to galling and other threads problem as per material class EE-1.5.	
15	<u>THE GATE VALVES MUST BE OF FORGED MATERIAL AND ALSO FULFILL THE FOLLOWING REQUIREMENTS</u>	
15.i	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 technical bid.	
15.ii	Body bushing must be free floating (pressed in body bushings are not acceptable).	
15.iii	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.	
15.iv	Stem must be non rising type	
15.v	Valve stem and bonnet must have back seating feature (metal to metal) to allow stem packing change while under pressure.	
15.vi	Sealant injection ports on the valve body are not acceptable.	
15.vii	The stem packing should be non-elastomeric and protected by a graphite jacket against the well bore fluids No Chevron or lip type seals are acceptable.	
15.viii	All the Gate valves should be bi-directional.	
16	<u>Third Party Inspection (TPI)</u>	
16.i	OGDCL will arrange the Third Party Inspection, Bidder is required to confirm that they will provide necessary assistance to Third Party Inspection (TPI) Company. Third Party Inspection reports verified by OGDCL will be provided with the shipping documents for LC encashment, Bidder is required to confirm that they will timely inform the relevant TPI company and provide the necessary assistance during the inspection.	
16.ii	<u>Tentative Scope of Third Party Inspection</u>	
16.iii	<u>Material Test Certificates (MTCs)</u> Review of Material Test Certificates (MTCs) of all the equipment's in order to ensure that all materials are as per purchase order specifications API 6A latest Edition, PSL-3 PR-2, Temperature class 'U', Material class 'EE-1.5' as per purchase order	
16.iv	<u>PR2 Test Reports</u> TPI company will review the PR2 tests reports of equipment in accordance with API 6A latest Edition where applicable like Gate valves etc.	

16.v	<p><u>Tubing Hangers, X-overs and Top Cap female pick up Hydril CS Threads Compatibility</u> TPI company will review Certificate of Conformance from Threading company that they have Threaded the Tubing hangers, X-Overs and top flange female pick up threads as per purchase order Hydril CS threads or equivalent premium threads In case all the documents are provided than simple Hand Tight of pin x pin X-over with Tubing Hanger and top flange female pick up threads in order to check compatibility will be sufficient to avoid any damage to the material. The compatibility test of all the Tubing Hangers (BxB), female pick up threads of tree top with pin x pin X-overs will be performed of 50% of the ordered quantities.</p>	
16.vi	<p><u>Hydro Testing of Equipment</u> Third Party Inspector will witness 50 % consignment Hydrostatic test of Wellhead assemblies and Tubing head spools in assembled form will be performed by manufacturer by applying pressure individually as per API 6A latest edition testing procedure for 5000 psi tubing head spools and Wellhead assemblies .</p>	
16.vii	<p><u>Dimensional Inspection</u> Third Party Inspector will inspect/witness the dimensional check of all other major equipment's as per purchase order and manufacturer drawings e.g. ODs, IDs, Min Bore IDs, Lengths etc.</p>	
16.viii	<p><u>Finished Equipment Inspection</u> Third Party Inspector will visually inspect the finished material in order to verify the equipment is brand new/unused and as per purchase order specifications and quantities in the open packing boxes.</p>	
16.ix	<p><u>Photographs of Consignment</u> TPI Company will submit all purchase order items photographs along with the TPI report to OGDCL prior to submission of final inspection report.</p>	
16.x	<p><u>Boxing and Packing</u> Third Party Inspector will confirm that consignment boxing and packing is as per API standards</p>	
16.xi	<p><u>Submission of Inspection Report/Inspection Release Note by TPI;</u></p>	
16.xii	<p>Place the signature /stamp on inspection release note/inspection report electronically in the original pdf files of inspection release note and inspection report.</p>	
16.xiii	<p>Mention OGDCL purchase order number and LC number in the first page of final inspection report/inspection release Note</p>	
<u>Other Terms & Conditions</u>		
1	<p>Payment of Service Charges will be made through LC / TT / Cross Cheque upon completion of services and against verified invoices by Indenting Department.</p>	
2	<p>Clean Acceptance of terms & conditions of Tender Document, Schedule of Requirement is required from Bidder.</p>	
3	<p>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.</p>	
4	<p>Bidder to submit separate Data Summary Sheet (Annexure-E) for LC beneficiary of Material Providing Entity and Services Providing Entity.</p>	
5	<p>Foreign Procurement Payment Terms (Competitive Bidding, Pre-qualification and Proprietary Mode of Procurement): Following payments methods have been approved for Competitive Bidding/Press Tender, Prequalification and Proprietary mode of procurement effective from February 27, 2018. i. <u>Tender value less than or equal to US\$ 200,000:</u> 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. <u>Tender value more than US\$ 200,000:</u> 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.</p>	
6	<p>1) The Bidding Procedure is "Single Stage - Two Envelope Procedure": All bidders are required to carefully read bidding procedure and terms & conditions elaborated in OGDCL's Tender Document uploaded on Company's website under heading "Master Set of Tender Document OF TENDER DOCUMENT FOR SINGLE STAGE – TWO ENVELOPE" BIDDING PROCEDURE.</p>	

Figure - 2 TUBING HANGER DESIGN

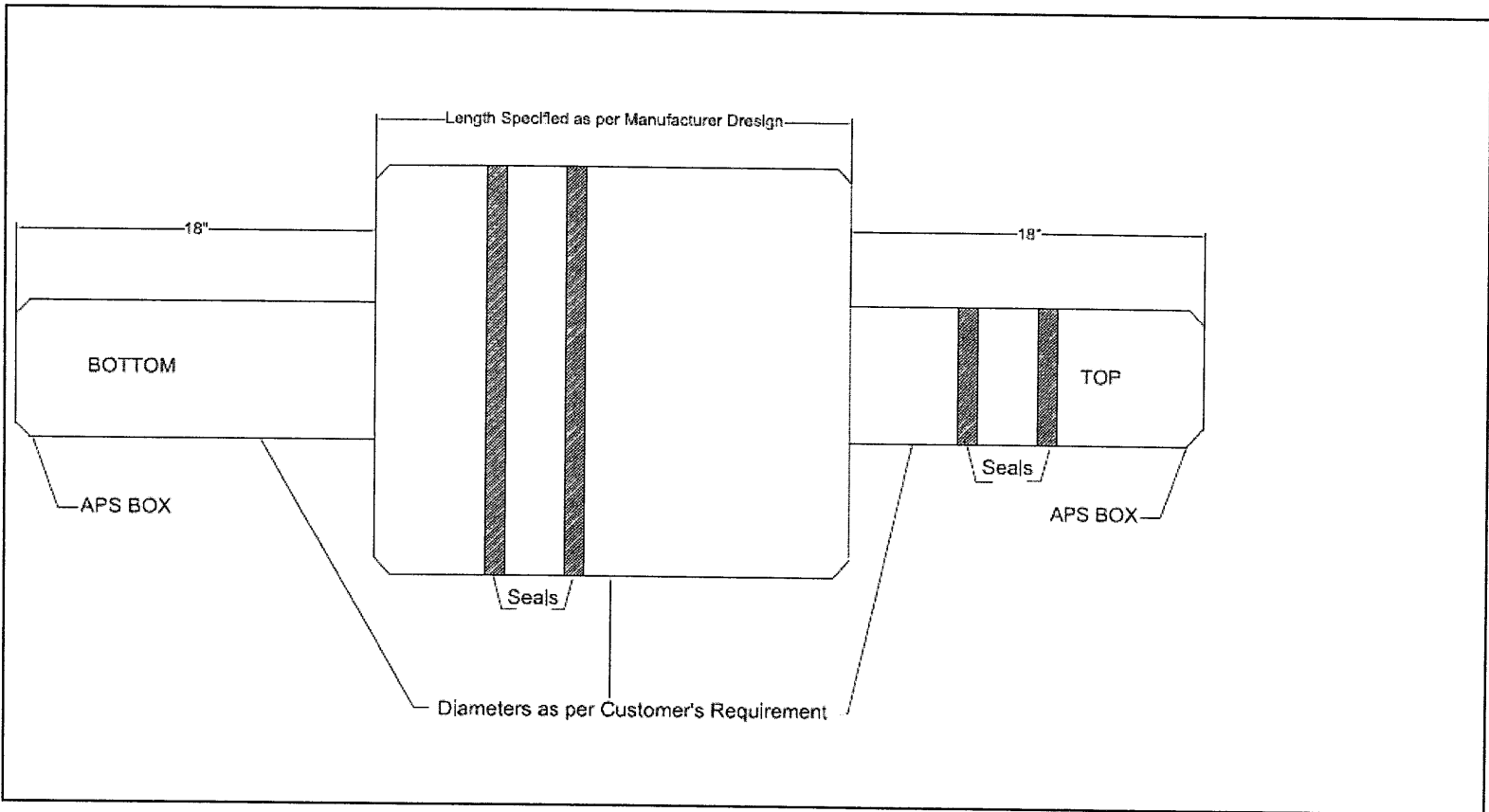


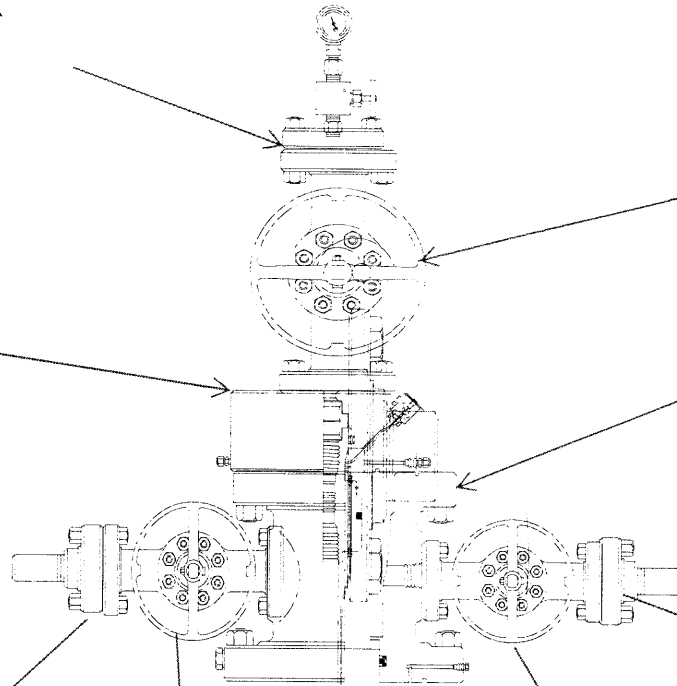
Figure -1 Jet Pump Wellhead Assembly and Tubing Head Spool

Top Cap 2-9/16" 5K Bottom X
5-3/4" -4 OTIS ACME Top

2-9/16" 5K Gate Valve

Double studded
Pack-Off Flange 7-
1/16"5K Bottom X 2-
9/16" 5K Top

Tubing Head Spool 11" 5K
Bottom X 7-1/16" 5K Top



2-1/16" 5k Companion
Flange with Sch 120 WN

2-1/16" 5k Companion
Flange with Sch 120 WN

2-1/16" 5K side gate
valve

2-1/16" 5K side gate
valve