

**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** 7 INCH WIRELINE SET PACKERS & TRSCSSVS  
**Tender Enquiry No** PROC-FB/LCB/PROD-3092/2017  
**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 inch 15K, Operating Pressure Rating Tubing Retrievable, Flapper type, Sub-Surface Safety Valves 400 Deg F, MYS 110 KSI. For details see attached Technical Data Sheets	Number	2					
2	7 inch Wireline Set Permanent Seal Bore Production Packers 15K, for 7" 32-35 # Casing or 35- 38 # Casing (Actual Casing size will be confirmed at the time of Placement of Order) MYS 110 Ksi. For details see attached Technical Data Sheets	Number	2					
3	Completion Installation and Rental Tool Services. For Details See attached Data Sheets	Number	4					

**Note:** BID BOND AMOUNTING TO USD 12,000/- VALID FOR 120 DAYS FROM THE DATE OF BID OPENNING


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Technical Data sheets for 15,000 Psi WP and 400 Deg Fahrenheit rated 7 Inch Wireline Set Permanent Production Packers (32-35 LBS/FT or 35-38 LBS/FT Weight Range) and 3-1/2 INCH TRSCSSVs along with Spares/Accessories. Unless Specified otherwise all Material should be of Super 13 Chrome Material with Min Yield Strength 110 Ksi.


Sr# no	DESCRIPTION	UOM	Quantity
1	3-1/2", Tubing retrievable, Flapper type, Sub-Surface Safety Valves as per Specifications given below (Designed and built according to API Spec 14 A	Nos.	2
i	Setting Depth: <b>up to 250 Meter</b>		
ii	Operating Pressure: <b>15,000 psi</b>		
iii	Test Pressure: <b>As Recommended for 15 K Operating TRSCSSV. Bidder to specify the Test Pressure (Min 17,000 Psi)</b>		
iv	Connections: <b>3-1/2", 12.95 lbs/ft PH-6 or Equivalent Threads.</b>		
v	Temperature Range: <b>40 to 400 Degrees Fahrenheit</b>		
vi	Flapper: <b>Curved Seal /One Piece Flapper as per 15 K requirement.(Inconel Alloy 718/ Alloy 825/Alloy925).</b>		
vii	Equalization Feature: <b>As Recommended for 15 K Rating TRSCSSV.(Equalizing /Non Equalizing).</b>		
viii	Lock Open Features: <b>The SCSSVs should have temporary as well as permanent lock open features</b>		
ix	Operating System: <b>Rod Piston Type. The operating system should be isolated from the flow path to safeguard against sticking &amp; erosion</b>		
x	Material: <b>All flow wetted parts should be of minimum Inconel Alloy 718/ Alloy 825/Alloy925.</b>		
xi	Seating Nipple Profile.		
xii	Minimum I.D : <b>should be in accordance with the 3-1/2", 12.95 lbs/ft PH-6 or Equivalent Threads Tubing to allow the TRSCSSV and Blanking Plug tools (Permanent Lock Out Open Tool , Isolation sleeve etc.) to Pass through the Tubing and operate the TRSCSSV.</b>		
xiii	Maximum O.D: <b>less than the 7", 35/38 lbs/ft casing ID</b>		
xiv	Necessary Instrument Fittings for connecting control line to TRSCSSV. The instrument fittings must be provided in the packing box of each TRSCSSV- Inconel Alloy 718/ Alloy 825/Alloy925/Alloy 625		
xv	Minimum tensile strength including end connections : 400,000 lbs.		

  
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2	Flow coupling for Sr. No 1. , 3-1/2", 12.95 lbs/ft, PH-6 or Equivalent Threads.	Nos.	4
3	Reels of 1/4" control line of Inconel Alloy 825 material, Test pressure 15,000 psi, length =150 Meters.	Nos.	2
4	Stain less steel Buckles to hold the control line to the O.D of 3-1/2" tubing body (Box of 100 buckles).	Boxes	2
5	Stain less steel Band 100 ft length of one roll	Rolls	2
6	Banding Machines	Nos.	1
7	Collar Type Control line protectors for 3-1/2",12.95# Hydril PH-6 or Equivalent Threads Tubing .	Nos.	50
8	Control Line Protector Installation Tools.	Nos.	1
9	Isolation/Hold Open sleeve to protect TRSCSSV during acid jobs & prevent accidental shut off of the SCSSV during Wireline jobs,	Nos.	1
10	Permanent lock open tool for TRSCSSV at Serial no # 1	Nos.	1
11	Necessary Slick line Tools to Run and pull the above accessories at Serial no # 9 & 10 of the TRSCSSV. (If the Running /pulling Tools are the same for Serial No 9 & 10 then the bidders are required to quote 01 set if they are not the same than separate sets for each item 9 & 10 are required to be quoted)	Sets	1
12	Non Perforated Production Tube, 5 feet long, Top to be 3-1/2" 12.95 lbs/ft, PH-6 or Equivalent Threads, (Box) & bottom to be half Mule Shoe.	Nos.	2
13	NO-Go Landing Nipple ,2.56" Polished bore,3-1/2" 12.95 lbs/ft,PH-6 or Equivalent Threads	Nos.	2
14	Perforated Production Tube 10 feet long 3-1/2" ,10.3 lbs/ft PH-6 or Equivalent Threads (B X P )	Nos.	2
15	Landing Nipple, 2.56" Polished Bore .3-1/2" 12.95 lbs/ft,PH-6 or Equivalent Threads (B X P).	Nos.	2
16	Non-Perforated Production tube, 5 feet long,3-1/2" 12.95 lbs/ft,PH-6 or Equivalent Threads (BXP).	Nos.	2

  
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17	Casing Sub top with(Vam Top or any other 15 k Compatible Premium) Threads of Millout Extension Size ( Box ) & Bottom With 3-1/2", 12.95 lbs/ft, PH-6 or Equivalent ( 2in ).		2
18	Mill out Extension ,6 feet long, Vam Top threads HC ( or any other 15 k Rating Compatible Premium Thread) BxB or PxP connections.	Nos.	2
19	Coupling to connect SBE to Mill out Extension (BxB). The bidder to quote if the coupling is required	Nos.	2
20	Seal Bore Extension (SBE) 10 feet long, for the packer at Sr no 21. (Vam Top HC or any other 15 K Rating Compatible Premium) threads HC BxB or PxP connections. All other elastomers in the SBE should be suitable for 15,000 psi differential pressure and 400 degree F temperature.	Nos.	2
21	7" Wireline Set Permanent Seal Bore Production Packer For 7" 32-35 # Casing or 35-38 # Casing (Actual Casing size will be confirmed at the time of Placement of Order) with 3.88" polished bore complete with all its accessories e.g. shear pins etc. Material to be of Super 13 Chrome Material 110 Ksi MYS to be compatible to differential Pressure Rating 15,000 psi from top & bottom. Moreover all elastomers in the packer should be of AFLAS Material suitable for 15,000 psi differential pressure and 400 degree F temperature.	Nos.	2
22	Landing Seal Assembly, length suitable for the above packer and SBE the (minimum length to be 15 feet) Top to be 3-1/2" 12.95 lbs/ft, PH-6 or Equivalent Threads, Box bottom to be 1/2 Mule Shoe. 'A minimum of five ONE foot ATR seal stacks should be provided. The seals should be capable of multiple Sting-ins into the packer bore over the life of the Packer. The LSA should be suitable for handling 15,000 psi differential pressure and 400 degree F temperature.	Nos.	2
23	Adapter Setting Kit For Packer At Sr No 21.	Nos.	1
24	Blanking Plug With By Pass Arrangement For the Landing Nipple At Sr No 15 (Plug Should preferably be suitable for holding Max Allowable Psi W.P pressure from both ends).	Nos.	1
25	Necessary Running / Pulling Tools for the plug at Sr no 24 (to be quoted only if these are different from the tools at S. no. 11).	Sets.	1
26	Re Dress Kit For The Plug at Sr No 24.	Sets.	1
27	Redress Kit For LSA at S.No. 22 (Spare ATR Seal Stacks) minimum length one foot	Nos.	10
28	Re Dress Kits for the Running/pulling tools at S. No. 11, and 25	Sets.	1
29	Re Dress Kits for the Running/pulling tools at S. No. 25 (to be quoted only if these are different from the tools at S. no. 28).	Sets.	1
30	Total Cost for Sale Items		

  
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Associated Completion services.		Rates in US \$ (a)	Est. Number of Jobs (b)	Est. Job Duration of each job (c)	Total Cost, US \$	Remarks	
31	Service Engineer Per Day Rate for Completion services.	Day Rate	4	05 Days.	axbxc	Per day rate will be Claculated/Evaluated for 4 number of Jobs as 5 days per job.	
32	Lump Sum Mob/De Mob charges of Service Engineer	Per Mob/De-Mob	4 Visits	N/A	axb	Claculation/Evaluation will be carried out for 4 nos Visits.	
32	Hydraulic Packer Setting Tool Charges per Job.	Per Job Rate	2	N/A	axb	No Stand By rates will be entertained. The bidders are required to quote only Per Job Rates. This Rate will be evaluated for 2 nos Jobs.	
33	Lump Sum Mob/De Mob charges of Hyd Setting tool	Per Mob/De-Mob	4	N/A	axb	Evaluation will be carried out for 4 nos Mob/Demob.	
34	Total cost for associated Services						
35	Total Cost for Sale Items + Total cost for associated Services.						Evaluation and Order Placement will be on Total Sale Items + Total Services Cost

  
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**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. Any technical bid without the required supporting documents or not fulfilling the conditions from Point 1-22 given below in this section will not be considered for Technical Evaluation.**

**Bidder to confirm the following in the Table:**

1	Evaluation to be carried out on complete package basis. The bidder to quote all the items in the group no exceptions or no quote against any item will be unacceptable.	
2	The bidder to provide confirmation that the all the Quoted Items will be inline for 15 K Rating Pressure & 400 Degree Fahrenheit Application	
3	The manufacturing plant(s) must be certified by API under Specs. API 11D1, API 14-A, API 14-L & Q1 for the last 5 years, the certificates should confirm the Vo testing capability of the plant. For this tender the five year period will be considered from the date of tender opening (technical bid). The bidder to provide copies of the relevant API certificates as a proof.	
4	The TRSCSSV should be build and tested as per API 14-A, ISO 10432 standards	
5	Bidder/Manufacturer to provide the technical quotation, Engineering Data sheets of quoted TRSCSSV and Packer, Technical literature along with the technical detailed drawings of all the components and installation procedures in soft form as well.	
6	The manufacturer must have a minimum of 5 years experience in the manufacturing of 15 K TRSCSSVs & Packers, a detailed supply record containing year of supply, description of equipment, quantity, customer name/country, contact person's name & address/Fax No./E-mail, must be provided with the bid. Manufacturer must have supplied a minimum of 25 similar sets of equipment to the foreign E&P companies. Material supplied to supply houses will not be considered in this regard.	
7	The Manufacturer should mention the Packers which are designed, qualified, and manufactured in accordance with ISO 14310 and API 11D1 requirement and standards. The quoted Packers models must have been tested according to the requirements of ISO Standard 14310 Vo .The bidder to provide necessary supporting documents in this regard with the technical bid.	
8	PH-6 or Equivalent Threads Hydril threads following equivalent and 100% Interchangeable connections will also be acceptable , Grant Prideco's "RTS-6" , TPS Technitube "TS-6" ,Hunting's "TS-HD", Halliburton's "OECA-C" & Benoit's "BTS-6", Waetherford's WTS-6	
9	The Required delivery period is preferably 16 weeks after date of L/c establishment. Bids more than 20 weeks delivery period may not be technically evaluated.	
10	<u>THIRD PARTY INSPECTION</u>	
	OGDCL will arrange third Party inspection of the equipment, bidder to confirm that all necessary assistance will be provided to the third party inspector(s). The tentative scope of third Party Inspection is as follows	
	i. Pre shipment Visual Inspection of the Finished Equipment.	
	ii. Verification of Mill Test Certificates and to confirm that the equipment is brand new/unused and as per SOR specifications	
	iii. Verification of Documentation / Certifications confirming that the Completion Packers & accessories were Manufactured as per API 11-D-1,14-A & API 14-L certifications and ISO 14310 Vo Standards.	
iv. Verification of mill test certificates to confirm that flow wetted material of all the items is of Super 13 Chrome having a minimum yield strength of 110,000 psi as per SOR specifications		

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	v. Verification of mill test certificates to confirm Material should be of Super 13 Chrome Material of Min Yield Strength 95 Ksi . All Material should be in line with 15 K Requirements. The Elastomers should also inline for 15 K Rating Pressure & 400 Degree Fahrenheit Application	
11	Bidder to identify/mention the LC beneficiary for Saleable Items and the service Order beneficiary for Local services in their Data Summary Sheet .	
12	The Bidder to confirm that the quoted services rates will be valid for three years from the date of placement of Service order.	
13	The bid proposal should essentially include the CVs of Pakistani National Engineers that are expected to be deployed for the job, the lead service engineers must have 10 years experience, whereas the associated staff must have a minimum of 5 years experience. OGDCL will have the right to ask the service provider to replace the engineer while the job is being executed.	
14	The day rate 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	
15	Only one service Engineer charges will be applicable to carry out the completion Job	
16	Boarding lodging of Completion 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.	
17	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.	
18	The Bidder will ensure to send Local Service Engineer at Rig site within 02 days (maximum) after receiving mobilization notice from OGDCL.	
19	Bidder is required to quote Lump sum Hydraulic setting tool charges per job. No stand by charges will be applicable.	
20	The Payment will be made as per actual services rendered at any OGDCL well on as and when required basis.	
21	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.	
22	Services rates should be firm and Inclusive of all applicable taxes and levies as per Government of Pakistan rules, except Provincial Sales Tax on Services. Provincial Sales Tax on Services if applicable will be paid by OGDCL as per prevailing policy.	

  
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