

**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 LINER HANGERS AND HIRING OF SERVICES  
**Tender Enquiry No** PROC:FB/CB/D-2043/2017  
**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	7" Liner hanger, P-110/Q-125, 32 PPF, VAM TOP OR EQUIVALENT CONNECTION to hang 7" Liner (Length +/-1500 Meters) inside 9-5/8", 43.5 - 47 PPF Casing. (Drifted for 6" bit).Detail description attached.	Sets	9					
2	7" Liner hanger, P-110/Q-125, 32 PPF, JFE FOX OR EQUIVALENT CONNECTION to hang 7" Liner (Length +/-1500 Meters) inside 9-5/8", 43.5 - 47 PPF Casing. (Drifted for 6" bit).Detail description attached.	Sets	6					
3	7" Liner hanger, Q-125, 35 PPF Vam Top Connection to hang 7" Liner (Length +/-1500 Meters) inside 9-5/8", 47 - 53.5 PPF Casing. (Drifted for 5-7/8"Bit). Detail description attached.	Sets	3					
4	7" Liner hanger, Q-125, 35 PPF, NEW VAM/ TSH SEC or equivalent connection to hang 7" Liner (Length +/-1500 Meters) inside 9-5/8", 47 - 53.5 PPF Casing.(Drifted for 5-7/8" Bit). Detail description attached.	Sets	4					
5	7" Liner hanger, Q-125, 35 PPF, VA SUPERIOR or equivalent connection to hang 7" Liner (Length +/-1500 Meters) inside 9-5/8", 47 - 53.5 PPF Casing.(Drifted for 5-7/8" Bit). Detail description attached.	Sets	4					

**Note:** NOTE: THE BIDDER SHALL FURNISH, AS PART OF HIS BID, BID BOND FOR AN AMOUNT OF USD 31,000/- (CONVERTIBLE TO PAK RUPEES) TO BE SUBMITTED ALONG WITH TECHNICAL BID. THE BID BOND SHALL BE VALID FOR 150 DAYS COUNTING FROM DAY OF BID OPENING.

**DESCRIPTION OF SR.NO. 1**

(1). HYDRAULIC SET ROTATING AND ROTATABLE LINER HANGER GRADE P-110/Q-125, 32 PPF, VAM TOP OR EQUIVALENT & 100 % INTERCHANGEABLE TO VAM TOP CONNECTION TO HANG 7" LINER (LENGTH +/-1500 METERS) INSIDE 9-5/8", 43.5 - 47 PPF CASING. (DRIFTED FOR 6" BIT). QUANTITY: 09 SETS

CONSISTING OF THE FOLLOWING:-

- 1.1 HYDRAULIC SET POCKET (PROTECTED) SLIP ROTATING AND ROTATABLE LINER HANGER WITH HIGH PERFORMANCE TOP PACKER (HNBR OR EQUIVALENT) TESTED AS GAS TIGHT UNDER ISO 14310 VO FOR EFFECTIVE ANNULUS SEALING WITH HIGH PERFORMANCE RUBBER SEALS SUITABLE FOR 10,000 PSI BOTTOM HOLE PRESSURE & 350 DEG. F TEMPERATURE, 7" (ID- 6.094"), P-110/Q-125, 32 PPF, VAM TOP OR EQUIVALENT & 100 % INTERCHANGEABLE TO VAM TOP CONNECTION TO SET INSIDE 9-5/8", 43.5 - 47 PPF CASING. QUANTITY: - 09 NOS
- 1.2 TIE BACK RECEPTACLE (COMPATIBLE TO ITEM AT S#1.1), 7", P-110/Q-125, 32 PPF WITH 10 FT LENGTH. QTY: 09 NOS.
- 1.3 8-1/4" OD ROTATING/ROTATABLE REAMER SHOE WITH TWO CHECK VALVES, (ID- 6.094"), P-110/Q-125, 32 PPF, VAM TOP OR EQUIVALENT & 100 % INTERCHANGEABLE TO VAM TOP CONNECTION FOR 7" CASING. QUANTITY: 09+02(SPARE)=11 NOS
- 1.4 LANDING COLLAR PDC DRILLABLE, 7" (ID- 6.094"), P-110/Q-125, 32 PPF, VAM TOP OR EQUIVALENT & 100 % INTERCHANGEABLE TO VAM TOP CONNECTION. QTY: 09 NOS
- 1.5 LINER WIPER PLUG WITH ALUMINUM/ BRASS SHEAR OFF RODS FOR P-110/Q-125, 32 PPF CASING. QUANTITY: 09 NOS
- 1.6 PUMP DOWN PLUG FOR 5", 19.5 PPF DRILL PIPE. QUANTITY: 09 NOS
- 1.7 SETTING BALL (BRONZE/PHENOLIC) FOR ABOVE 7" LINER HANGER. QUANTITY: 09 NOS.

**DESCRIPTION OF SR.NO. 2**

(2). HYDRAULIC SET ROTATING AND ROTATABLE LINER HANGER GRADE P-110/Q-125, 32 PPF, JFE FOX OR EQUIVALENT & 100 % INTERCHANGEABLE TO JFE FOX CONNECTION TO HANG 7" LINER (LENGTH +/-1500 METERS) INSIDE 9-5/8", 43.5 - 47 PPF CASING. (DRIFTED FOR 6" BIT). QUANTITY: 06 SETS

CONSISTING OF THE FOLLOWING:-

- 2.1 HYDRAULIC SET POCKET (PROTECTED) SLIP ROTATING AND ROTATABLE LINER HANGER WITH HIGH PERFORMANCE TOP PACKER (HNBR OR EQUIVALENT) TESTED AS GAS TIGHT UNDER ISO 14310 VO FOR EFFECTIVE ANNULUS SEALING WITH HIGH PERFORMANCE RUBBER SEALS SUITABLE FOR 10,000 PSI BOTTOM HOLE PRESSURE & 350 DEG. F TEMPERATURE, 7" (ID- 6.094"), P-110/Q-125, 32 PPF, JFE FOX OR EQUIVALENT & 100 % INTERCHANGEABLE TO JFE FOX CONNECTION TO SET INSIDE 9-5/8", 43.5 - 47 PPF CASING. QUANTITY: - 06 NOS
- 2.2 TIE BACK RECEPTACLE (COMPATIBLE TO ITEM AT S#2.1), 7", P-110/Q-125, 32 PPF WITH 10 FT LENGTH. QTY: 06 NOS.
- 2.3 8-1/4" OD ROTATING/ROTATABLE REAMER SHOE WITH TWO CHECK VALVES, (ID- 6.094"), P-110/Q-125, 32 PPF, JFE FOX OR EQUIVALENT & 100 % INTERCHANGEABLE TO JFE FOX CONNECTION FOR 7" CASING. QUANTITY: 6+1(SPARE) = 07 NOS
- 2.4 LANDING COLLAR PDC DRILLABLE, 7" (ID- 6.094"), P-110/Q-125, 32 PPF, JFE FOX OR EQUIVALENT & 100 % INTERCHANGEABLE TO JFE FOX CONNECTION. QTY: 06 NOS
- 2.5 LINER WIPER PLUG WITH ALUMINUM/ BRASS SHEAR OFF RODS FOR P-110/Q-125, 32 PPF CASING. QUANTITY: 06 NOS
- 2.6 PUMP DOWN PLUG FOR 5", 19.5 PPF DRILL PIPE. QUANTITY: 06 NOS
- 2.7 SETTING BALL (BRONZE/PHENOLIC) FOR ABOVE 7" LINER HANGER. QUANTITY: 06 NOS.

**DESCRIPTION OF SR.NO. 3**

(3). HYDRAULIC SET ROTATING AND ROTATABLE LINER HANGER, GRADE Q-125 , 35 PPF, VAM TOP CONNECTION TO HANG 7" LINER (LENGTH +/-1500 METERS) INSIDE 9-5/8", 47 - 53.5 PPF CASING. (DRIFTED FOR 5-7/8" BIT). QUANTITY: 3 SETS

CONSISTING OF THE FOLLOWING:-

- 3.1 HYDRAULIC SET POCKET (PROTECTED) SLIP ROTATING & ROTATABLE LINER HANGER WITH HIGH PERFORMANCE TOP PACKER (HNBR OR EQUIVALENT) TESTED AS GAS TIGHT UNDER ISO 14310 VO FOR EFFECTIVE ANNUALS SEALING WITH HIGH PERFORMANCE RUBBER SEALS SUITABLE FOR 10,000PSI BOTTOM HOLE PRESSURE & 350 DEG. F TEMPERATURE, 7" (ID- 6.004"), Q-125, 35 PPF, VAM TOP CONNECTION TO SET INSIDE 9-5/8", 47 - 53.5 PPF CASING. QUANTITY: 3 NOS.
- 3.2 TIE BACK RECEPTACLE (COMPATIBLE TO ITEM AT S.NO. 3.1), GRADE Q-125, 35 PPF, VAM TOP CONNECTION WITH 10 FT LENGTH QUANTITY: 3 NOS.
- 3.3 8-1/4" OD ROTATING/ ROTATABLE REAMER SHOE WITH TWO CHECK VALVES, (ID- 6.004"), GRADE Q-125, 35 PPF, VAM TOP CONNECTION (FOR 7" CASING). QUANTITY: 3 NOS.
- 3.4 LANDING COLLAR PDC DRILLABLE, 7"(ID- 6.004"), GRADE Q-125, 35 PPF, VAM TOP CONNECTION. QTY: 3 NOS.
- 3.5 LINER WIPER PLUG WITH ALUMINUM/ BRASS SHEAR OFF RODS FOR GRADE Q-125, 35 PPF CASING. QUANTITY: - 3 NOS
- 3.6 PUMP DOWN PLUG FOR 5", 19.5 PPF DRILL PIPE. QUANTITY: 3 NOS.
- 3.7 SETTING BALL (BRONZE/PHENOLIC) FOR ABOVE 7" LINER HANGER. QUANTITY: 3 NOS.

#### DESCRIPTION OF SR.NO.4

(4). HYDRAULIC SET ROTATING AND ROTATABLE LINER HANGER, GRADE Q-125 , 35 PPF, NEW VAM/ TSH SEC OR EQUIVALENT & 100 % INTERCHANGEABLE TO NEW VAM CONNECTION TO HANG 7" LINER (LENGTH +/-1500 METERS) INSIDE 9-5/8", 47 - 53.5 PPF CASING. (DRIFTED FOR 5-7/8" BIT). QUANTITY: 4 SETS

CONSISTING OF THE FOLLOWING:-

- 4.1 HYDRAULIC SET POCKET (PROTECTED) SLIP ROTATING & ROTATABLE LINER HANGER WITH HIGH PERFORMANCE TOP PACKER (HNBR OR EQUIVALENT) TESTED AS GAS TIGHT UNDER ISO 14310 VO FOR EFFECTIVE ANNUALS SEALING WITH HIGH PERFORMANCE RUBBER SEALS SUITABLE FOR 10,000PSI BOTTOM HOLE PRESSURE & 350 DEG. F TEMPERATURE, 7" (ID- 6.004"), Q-125, 35 PPF, NEW VAM/ TSH SEC OR EQUIVALENT & 100 % INTERCHANGEABLE TO NEW VAM CONNECTION TO SET INSIDE 9-5/8", 47 - 53.5 PPF CASING. QUANTITY: 4 NOS.
- 4.2 TIE BACK RECEPTACLE (COMPATIBLE TO ITEM AT S.NO.4.1), GRADE Q-125, 35 PPF, NEW VAM/ TSH SEC OR EQUIVALENT & 100 % INTERCHANGEABLE TO NEW VAM CONNECTION WITH 10 FT LENGTH QUANTITY: 4 NOS.
- 4.3 8-1/4" OD ROTATING/ROTATABLE REAMER SHOE WITH TWO CHECK VALVES,(ID- 6.004"),GRADE Q-125, 35 PPF,NEW VAM/TSH SEC OR EQUIVALENT & 100 % INTERCHANGEABLE TO NEW VAM CONN.(FOR 7" CASING).QTY:4+1(SPARE)=5 NOS.
- 4.4 LANDING COLLAR PDC DRILLABLE, 7"(ID- 6.004"), GRADE Q-125, 35 PPF, NEW VAM/ TSH SEC OR EQUIVALENT & 100 % INTERCHANGEABLE TO NEW VAM CONNECTION. QTY: 4 NOS.
- 4.5 LINER WIPER PLUG WITH ALUMINUM/ BRASS SHEAR OFF RODS FOR GRADE Q-125, 35 PPF CASING. QUANTITY: - 4 NOS
- 4.6 PUMP DOWN PLUG FOR 5", 19.5 PPF DRILL PIPE. QUANTITY: 4 NOS.
- 4.7 SETTING BALL (BRONZE/PHENOLIC) FOR ABOVE 7" LINER HANGER. QUANTITY: 4 NOS.

#### DESCRIPTION OF SR.NO.5

(5). HYDRAULIC SET ROTATING AND ROTATABLE LINER HANGER, GRADE Q-125 , 35 PPF, VA SUPERIOR OR EQUIVALENT & 100 % INTERCHANGEABLE TO VA SUPERIOR CONNECTION TO HANG 7" LINER (LENGTH +/-1500 METERS) INSIDE 9-5/8", 47 - 53.5 PPF CASING. (DRIFTED FOR 5-7/8" BIT). QUANTITY: 4 SETS

CONSISTING OF THE FOLLOWING:-

- 5.1 HYDRAULIC SET POCKET (PROTECTED) SLIP ROTATING & ROTATABLE LINER HANGER WITH HIGH PERFORMANCE TOP PACKER (HNBR OR EQUIVALENT) TESTED AS GAS TIGHT UNDER ISO 14310 VO FOR EFFECTIVE ANNUALS SEALING WITH HIGH PERFORMANCE RUBBER SEALS

Verified as per The undersigned



- SUITABLE FOR 10,000PSI BOTTOM HOLE PRESSURE & 350 DEG. F TEMPERATURE, 7" (ID- 6.004"), Q-125, 35 PPF, VA SUPERIOR OR EQUIVALENT & 100 % INTERCHANGEABLE VA SUPERIOR CONNECTION TO SET INSIDE 9-5/8", 47 - 53.5 PPF CASING. QUANTITY: 4 NOS.
- 5.2 TIE BACK RECEPTACLE (COMPATIBLE TO ITEM AT S.NO.5.1), GRADE Q-125, 35 PPF, VA SUPERIOR OR EQUIVALENT & 100 % INTERCHANGEABLE TO VA SUPERIOR CONNECTION WITH 10 FT LENGTH QUANTITY: 4 NOS.
- 5.3 8-1/4" OD ROTATING/ROTATABLE REAMER SHOE WITH TWO CHECK VALVES, (ID- 6.004"), GRADE Q-125, 35 PPF,VA SUPERIOR OR EQUIVALENT & 100 % INTERCHANGEABLE TO VA SUPERIOR CONN.(FOR 7" CASING).QTY:4+1(SPARE)=5 NOS.
- 5.4 LANDING COLLAR PDC DRILLABLE, 7"(ID- 6.004"), GRADE Q-125, 35 PPF, VA SUPERIOR OR EQUIVALENT & 100 % INTERCHANGEABLE TO VA SUPERIOR CONNECTION. QTY: 4 NOS.
- 5.5 LINER WIPER PLUG WITH ALUMINUM/ BRASS SHEAR OFF RODS FOR GRADE Q-125, 35 PPF CASING. QUANTITY: - 4 NOS
- 5.6 PUMP DOWN PLUG FOR 5", 19.5 PPF DRILL PIPE. QUANTITY: 4 NOS.
- 5.7 SETTING BALL (BRONZE/PHENOLIC) FOR ABOVE 7" LINER HANGER. QUANTITY: 4 NOS.

#### **TERMS & CONDITIONS:**

1. THE LINER HANGER PIPE BODY SHOULD BE IN ACCORDANCE TO API 5CT.
2. ORIGINAL DETAILED TECHNICAL DRAWING IN ASSEMBLED & DIS-ASSEMBLED FORM AND COMPLETE TECHNICAL LITERATURE OF OFFERED LINER HANGERS SPECIFYING TYPE & PART NO. MUST BE SUBMITTED WITH THE TECHNICAL BID.
3. VALID VO TOP PACKER TEST CONDUCTED UNDER ISO 14310 FOR GAS TIGHT + AXIAL LOADS + TEMPERATURE CYCLING + ZERO BUBBLE ACCEPTANCE CRITERION FOR 10,000 PSI FOR 7" LINER HANGERS AT S.NO. 1 TO 5 SEPARATELY MUST BE PROVIDED WITH BID DOCUMENTS. IT IS MANDATORY AND SHOULD BE PROVIDED OTHERWISE BID WILL BE REJECTED.
4. HANGER SLIPS OF LINER HANGER MUST BE POCKET TYPE.
5. BALL SEAT PROVISION SHOULD BE IN WIPER PLUG SYSTEM OR ALTERNATE PROVISION OF BALL SEATING ABOVE LANDING COLLAR IN LINER HANGER.
6. LINER HANGER SYSTEM MUST BE ABLE TO ENCOUNTER THE BUOYANCY FACTOR IN CASE OF LIGHT WEIGHT LINER.
7. EACH SET OF LINER HANGER SHOULD BE PACKED INDEPENDENTLY IN ONE BOX. CONFIRMATION TO THIS EFFECT MUST BE PROVIDED IN THE TECHNICAL OFFER.
8. THE SUCCESSFUL BIDDER HAS TO PROVIDE AT LEAST (3) THREE SETS OF RUNNING & SETTING PROCEDURE OF OFFERED LINER HANGER ON COMPLETION OF SHIPMENT TO DRILLING DEPTT. (OGDCL). CONFIRMATION TO THIS EFFECT MUST BE PROVIDED IN THE TECHNICAL OFFER.
9. PART NUMBER AND COUNTRY OF MANUFACTURING MUST BE ENGRAVED ON EACH ITEM. CONFIRMATION TO THIS EFFECT MUST BE PROVIDED IN THE TECHNICAL OFFER.
10. ALL ITEMS SHOULD BE BRAND NEW AND UN-USED. CONFIRMATION TO THIS EFFECT MUST BE PROVIDED IN THE TECHNICAL OFFER.
11. AUTHORITY LETTER IN ORIGINAL COVERING WARRANTY/GUARANTEE FOR PERIOD OF 1-1/2 YEARS FROM DATE OF SHIPMENT ON THE LETTER HEAD OF THE MANUFACTURER INDICATING TENDER ENQUIRY NO. AND OFFERED PRODUCT SHOULD BE FURNISHED WITH THE TECHNICAL OFFER. AUTHORITY LETTER IN ORIGINAL FROM MANUFACTURER TO BIDDER AND BIDDER TO LOCAL AGENT INDICATING TENDER ENQUIRY NO. MUST BE PROVIDED WITH TECHNICAL OFFER. THE AUTHORITY LETTER MUST BE ON COMPANY LETTER HEAD, SHOWING THE NAME AND CONTACT DETAILS (E-MAIL & FAX NUMBER) OF THE SIGNING AUTHORITY.
12. THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FURNISH MILL INSPECTION CERTIFICATE FOR THE SUPPLIED EQUIPMENT WITH FINAL SHIPPING DOCUMENTS. CONFIRMATION TO THIS EFFECT SHOULD BE PROVIDED WITH THE TECHNICAL OFFER.
13. IF MANUFACTURER HAS NOT ALREADY SUPPLIED LINER HANGERS TO OGDCL, THEN MANUFACTURER WILL PROVIDE 03 (THREE) NUMBERS SATISFACTORY PERFORMANCE CERTIFICATES OF QUOTED/ SIMILAR LINER HANGERS ISSUED BY AUTHORIZED OFFICIAL(S) OF AT

*valued as per* *Theidex*

LEAST THREE (03) DIFFERENT MAJOR INTERNATIONAL E & P COMPANIES LIKE SAUDI ARMCO, PDO, KOC, SHELL, BP, ENI, MOL, TOTAL OR EQUIVALENT IN FAVOUR OF MANUFACTURER (OTHER THAN MANUFACTURER(S) OWN COUNTRY) ALONG WITH PURCHASE ORDER OF SAME COMPANIES FOR SAID LINER HANGERS WITH THE TECHNICAL OFFER. IN CASE THE MANUFACTURER HAS SUPPLIED THE LINER HANGER TO OGDCL THEN ITS PERFORMANCE WILL BE EVALUATED ON BASIS OF IN HOUSE REPORTS. THE PERFORMANCE CERTIFICATES MUST BE ON COMPANY LETTER HEAD OF ISSUING COMPANIES ALONG WITH THE OFFICIAL EMAIL/ FAX NUMBERS OF ISSUING AUTHORITIES FOR VERIFICATION.

14. MANUFACTURER MUST HAVE SUPPLIED AT LEAST 100 SETS OF 7" LINER HANGER TO INTERNATIONAL E & P COMPANIES EACH YEAR DURING LAST 5 YEARS AND SHOULD PROVIDE DETAIL, QUANTITIES OF SETS PROVIDED AND E & P COMPANIES NAME YEAR WISE WITH TECHNICAL BID. MANUFACTURER MUST HAVE MINIMUM 5 (FIVE) YEARS EXPERIENCE IN MANUFACTURING OF LINER HANGERS AND ITS ACCESSORIES. IN THIS REGARD BIDDER(S) SHOULD PROVIDE COMPREHENSIVE DETAILED SUPPLY RECORD OF LAST CONSECUTIVE 5 (FIVE) YEARS PREFERABLY OF EACH YEAR TO THE INTERNATIONAL E & P COMPANIES OPERATING IN OTHER THAN MANUFACTURERS OWN COUNTRY. THE SUPPLY RECORD SHOULD CONTAIN SALES RECORD OF OFFERED SIZE & WEIGHT OF LINER HANGERS, QUANTITY, AND NAME OF CUSTOMER / COUNTRY, (SUPPLY RECORD OF IR-RELEVANT ITEMS OTHER THAN LINER HANGERS SHOULD NOT BE PROVIDED) SHOULD BE SUBMITTED WITH THE TECHNICAL OFFER. THE SUPPLY RECORD MUST BE ON COMPANY LETTER HEAD, SHOWING THE NAME AND CONTACT DETAILS (E-MAIL & FAX NUMBER) OF THE SIGNING AUTHORITY.

15. BIDDER(S)/ MANUFACTURER(S) ARE REQUIRED TO SUBMIT COMPLETE SPECIFICATIONS OF THE OFFERED LINER HANGER(S) AS PER THEIR MANUFACTURER STANDARD

16. THE MANUFACTURER(S) SHOULD HAVE THEIR WORK SHOP FACILITY IN PAKISTAN. IN CASE THE MANUFACTURER DO NOT HAVE THE LINER HANGER WORKSHOP FACILITY WITHIN PAKISTAN, THEN MANUFACTURER TO PROVIDE AFFIDAVIT ALONG WITH THE TECHNICAL BID ENSURING ESTABLISHMENT OF LINER HANGER WORKSHOP IN PAKISTAN WITHIN 45 DAYS AFTER THE ISSUANCE OF LOI( LETTER OF INTENT). THE MANUFACTURER SHOULD HAVE AT LEAST 02 NOS. QUALIFIED LINER HANGER ENGINEER(S) WITHIN PAKISTAN HAVING MINIMUM 5 YEARS EXPERIENCE OF RUNNING & SETTING OF LINER HANGER ASSEMBLY(S). CONFIRMATION TO THIS EFFECT SHOULD BE PROVIDED WITH THE TECHNICAL OFFER.

17. BIDDER WILL SUBMIT PROVISION OF APPLICATION LINER HANGER ENGINEER WITH FIVE (05) YEARS RELEVANT EXPERIENCE STATIONED IN PAKISTAN TO PROVIDE THE SOLUTIONS (TORQUE & DRAG AND HYDRAULICS ETC) FREE OF COST (FOC). CONFIRMATION TO THIS EFFECT ALONG WITH CV OF THE ENGINEER MUST BE ENCLOSED IN TECHNICAL BID. THIS CONDITION IS MANDATORY.

18. BIDDER(S) HAS TO CONFIRM UNCONDITIONALLY ON A SEPARATE LETTER THAT THE SERVICES OF LINER HANGER ENGINEER WILL BE PROVIDED AT ANY LOCATION IN PAKISTAN WHERE OGDCL OPERATES UNDER OGDCL SECURITY ARRANGEMENTS. THIS CONDITION IS MANDATORY.

19. THIRD PARTY INSPECTION (TPI) BY INTERNATIONALLY REPUTED INSPECTION COMPANY IS REQUIRED AS PER OIL INDUSTRY PRACTICE. OGDCL WILL ARRANGE PRE- SHIPMENT INSPECTION OF THE ABOVE MENTIONED CONSIGNMENT FROM ANY OF THE FOLLOWING THIRD PARTIES INSPECTION COMPANIES (I) M/S LLOYD'S INTERNATIONAL (II) M/S SGS GROUP III) M/S MOODY'S INTERNATIONAL (IV) M/S VELOSI .BIDDER/ MANUFACTURER WILL PROVIDE FULL ASSISTANT TO INSPECTION COMPANY DURING INSPECTION. BIDDER TO CONFIRM THAT THIRD PARTY INSPECTION REPORT VERIFIED BY OGDCL WILL BE PROVIDED WITH THE SHIPPING DOCUMENTS FOR LC ENCASHMENT.

SCOPE OF WORK FOR TPI WILL BE AS FOLLOWS:-

- (I) VERIFICATION OF ULTRASONIC INSPECTION OF LINER WHERE APPLICABLE.
- (II) VISUAL THREAD INSPECTION.
- (III) API DRIFT WHERE APPLICABLE.
- (IV) VERIFICATION OF MILL TEST CERTIFICATES.

*Checked as per*

*Z. Haidar*



20. THE BIDDER(S) MUST ENSURE TO PROVIDE REQUIRED INFORMATION/CONFIRMATION & DOCUMENTS MENTIONED ABOVE. OTHER-WISE BID(S) WILL BE REJECTED DURING TECHNICAL EVALUATION AND NO FURTHER CLARIFICATION(S) WILL BE ENTERTAINED.
21. DELIVERY REQUIRED: - 03 MONTHS AFTER ESTABLISHMENT OF L.C BY SEA CFR KARACHI.
22. LOCAL BASE OF SERVICE COMPANY SHOULD BE ABLE TO HANDLE 2-3 JOBS SIMULTANEOUSLY.
23. SAME DAY RATE WILL BE APPLIED FOR LOCAL OR EXPATRIATE LINER HANGER ENGINEER.
24. BOARDING/LODGING FOR LINER HANGER ENGINEER OTHER THAN THE RIG SITE WILL BE BORNE BY THE CONTRACTOR.
25. OGDCL WILL PROVIDE ONLY TRANSIT / SECURITY COVER FROM AIRPORT TO RIG SITE AND BOARDING / LODGING DURING STAY AT RIG SITE.
26. ALL SORT OF INSURANCE OF CONTRACTOR PERSONNEL BE ON CONTRACTOR ACCOUNT.
27. ENGINEER DAY RATE WILL BE APPLICABLE FOR THE PERIOD WHEN HE WILL REPORT AT RIG SITE TILL HE LEAVES THE RIG SITE. NO EXTRA MOBILIZATION/DEMOBILIZATION WILL BE PAID. ROAD TRANSPORTATION WILL BE PROVIDED BY THE OGDCL FROM THE NEAREST AIR PORT / PICK UP POINT TO THE LOCATION AND BACK.
28. THE CONTRACT WILL BE EFFECTIVE FOR PERIOD OF TWO (02) YEARS OR UPTO UTILIZATION OF ALL 26 LINER JOBS WHICHEVER IS EARLIER FROM DATE OF SERVICE ORDER ISSUANCE AND EXTENDABLE FOR ADDITIONAL PERIOD ON SAME RATES, TERMS & CONDITIONS UPTO UTILIZATION OF ALL PURCHASED LINER HANGERS BY BOTH PARTIES.
29. BIDDER WILL PROVIDE RENTAL 7" LINER HANGER HYDRAULIC SETTING TOOL (HYDRAULIC SET & HYDRAULIC RELEASE WITH MECHANICAL RELEASE OPTION AS BACK UP) WITH 4-1/2" IF BOX COMPLETE WITH SLICK STINGER INCLUDING DEBRIS BARRIER COMPATIBLE TO SET & RUN ABOVE LINER HANGER AND PACKER SETTING DOG TOOL. SETTING TOOL MUST ALSO INCLUSIVE OF RETRIEVABLE CEMENTING BUSHING WITH HIGH PERFORMANCE RUBBER SEALS SUITABLE FOR 10,000PSI BOTTOM HOLE PRESSURE & 350 DEG. F TEMPERATURE POLISH ROD TYPE STINGER, 7" ( ID-6.094" MIN ), P-110/Q-125, 32 PPF, ON RENTAL AS AND WHEN REQUIRED BASIS FOR 7" LINER HANGERS AT S. NO. 1 & 2.
30. BIDDER WILL PROVIDE RENTAL 7" LINER HANGER HYDRAULIC SETTING TOOL (HYDRAULIC SET & HYDRAULIC RELEASE WITH MECHANICAL RELEASE OPTION AS BACK UP) WITH 4-1/2" IF BOX COMPLETE WITH SLICK STINGER INCLUDING DEBRIS BARRIER COMPATIBLE TO SET & RUN ABOVE LINER HANGER AND PACKER SETTING DOG TOOL WITH RETRIEVABLE CEMENTING BUSHING WITH HIGH PERFORMANCE RUBBER SEALS SUITABLE FOR 10,000 PSI BOTTOM HOLE PRESSURE & 350 DEG. F TEMPERATURE POLISH ROD TYPE STINGER, 7" ( ID-6.004" MIN ), GRADE Q-125, 35 PPF, ON RENTAL AS AND WHEN REQUIRED BASIS FOR 7" LINER HANGERS AT S.NO. 3, 4 & 5.
31. SEPARATE PURCHASE ORDERS WILL BE ISSUED FOR 7" LINER HANGER ASSEMBLIES AND 7" LINER HANGER SERVICES RESPECTIVELY. THE PURCHASE ORDER FOR SERVICES WILL BE PLACED ON THE LOCAL ENTITY/ OFFICE OF THE MANUFACTURER AND WILL BE PAID IN PAK RUPEES AS PER ACTUAL SERVICES RENDERED.
32. FINANCIAL EVALUATION WILL BE CONDUCTED AS PER FINANCIAL EVALUATION FORMAT ATTACHED. IT IS MANDATORY TO QUOTE THE RATES AS PER FINANCIAL BID FORMAT; HOWEVER ADDITIONAL ITEMS IF ANY CAN BE QUOTED SEPARATELY.

**FINANCIAL BID FORMAT**  
**FOR 7" LINER HANGER ASSEMBLIES & LINER HANGER ENGINEER**  
**SERVICES**

6

S.#	Description	UNIT	QTY	Total Cost (US\$) CFR by sea Karachi.
<b>A</b>	<b><u>LINER HANGER ASSEMBLIES (COMPLETE SET)</u></b>			
1.	7" Liner hanger, P-110/Q-125, 32 PPF, VAM TOP OR EQUIVALENT CONNECTION to hang 7" Liner (Length +/-1500 Meters) inside 9-5/8", 43.5 - 47 PPF Casing. (Drifted for 6" bit).	SETS	09	
2.	7" Liner hanger, P-110/Q-125, 32 PPF, JFE FOX OR EQUIVALENT CONNECTION to hang 7" Liner (Length +/-1500 Meters) inside 9-5/8", 43.5 - 47 PPF Casing. (Drifted for 6" bit).	SETS	06	
3.	7" Liner hanger, Q-125, 35 PPF Vam Top Connection to hang 7" Liner (Length +/-1500 Meters) inside 9-5/8", 47 - 53.5 PPF Casing. (Drifted for 5-7/8" Bit)	SETS	03	
4.	7" Liner hanger, Q-125, 35 PPF, NEW VAM/ TSH SEC or equivalent connection to hang 7" Liner (Length +/-1500 Meters) inside 9-5/8", 47 - 53.5 PPF Casing. (Drifted for 5-7/8" Bit)	SETS	04	
5.	7" Liner hanger, Q-125, 35 PPF, VA SUPERIOR or equivalent connection to hang 7" Liner (Length +/-1500 Meters) inside 9-5/8", 47 - 53.5 PPF Casing. (Drifted for 5-7/8" Bit)	SETS	04	
<b>B</b>	<b><u>LINER HANGER SUPERVISOR/ENGINEER SERVICES</u></b>			
1.	Liner hanger Engineer services day rate (7 days per job)	Per day	182 days	
<b>C</b>	<b><u>MOBILIZATION &amp; DE-MOBILIZATION CHARGES FOR SERVICES ENGINEER.</u></b>			
1.	Service engineer Mob & De-Mob charges per job at any OGDCL Rig.	Per job.	26 jobs	
<b>D</b>	<b><u>RUNNING/ SETTING TOOLS CHARGES</u></b>			
1.	Running/ setting Tools-Mobilization/Demobilization charges per job at any OGDCL Rig.	Per job	26 jobs.	
2.	Running/ setting Tools-operational Charges, assembly & test charges per job	Per job	26 jobs	
3.	Running/ setting Tools Redress charges per job	Per job	26 jobs.	
4.	Cement Head- Rental Charges (If required)	Per job	26 jobs	
5.	Polish Mill Assembly (Top dress Mill & Polish Mill)-Rental per job. (If required)	Per job	26 jobs	

**Note:**

- Day = 24 Hrs
- Quantum of Jobs is = 26 Jobs
- The Payment will be made as per actual days/services rendered at any OGDCL well on as and when required basis, however Liner Hanger Engineer day rate charges is capped to maximum 07 days per job. In case of extra days, it will be considered as FOC.
- All the Prices must be inclusive of all types of taxes and duties except provincial sales tax.