

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

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

**ANNEXURE 'A'**

**Material** SPARES FOR MAJOR OVER HAULING OF 04 NOS. CONTINENTAL EMSCO MUD PUMPS MODEL FB-1600  
**Tender Enquiry No** PROC-FA/CB/RMD/PUMP-5087/2021  
**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	SHAFT, PINION.  P# 6316-0027-00  ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600'. "OR EQUIVALENT".	Number	2					
2	RING, OIL SEAL WEAR.  P# 6301-0002-00  ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600'. "OR EQUIVALENT".	Number	8					
3	CARRIER, PINION BEARING.  P# 6317-0024-00  ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600'. "OR EQUIVALENT".	Number	8					
4	GASKET, PINION BEARING CARRIER, P # 7502-0840-00,  ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600'. "OR EQUIVALENT".	Number	8					
5	CARRIER, OIL SEAL.  P# 6317-0023-00,  ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600'. "OR EQUIVALENT".	Number	5					
6	GASKET, OIL SEAL CARRIER.  P#7502-0841-00,  ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600'. "OR EQUIVALENT".	Number	8					
7	WASHER, 7/8" LOCK  P# 7601-1320-19,  ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600'. "OR EQUIVALENT".	Number	64					
8	WASHER, 1/2" LOCK  P # 7601-1320-16,  ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600'. "OR EQUIVALENT".	Number	48					
9	SEAL, OIL.  P#-7602-2131-18,  ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600' "OR EQUIVALENT".	Number	6					
10	BEARING.  P#7602-0212-67,  ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600' "OR EQUIVALENT".	Number	6					
11	KEY.  P # 7504-7501-00,  ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600' "OR EQUIVALENT".	Number	8					
12	STRAP, ECCENTRIC.  P# 6316-0023-00,  ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600' "OR EQUIVALENT".	Number	12					
13	GEAR, ECCENTRIC RING.  P#6316-0030-00,    ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600' "OREQUIVALENT".	Number	2					
14	GASKET, MAIN BEARING COVER.  P#6316-0049-00,    ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600' "OR EQUIVALENT".	Number	8					
15	RETAINER, MAIN BEARING INNER RACE.  P#6316-0031-00,  ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600' "OR EQUIVALENT".	Number	2					
16	CARRIER, BEARING (LEFT).  P#6316-0037-00,  ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600' "OREQUIVALENT".	Number	4					
17	CARRIER, BEARING ( RIGHT).  P#6316-0288-00,    ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600' "OREQUIVALENT".	Number	4					
18	SPACER, MAIN BEARING  P#6316-0091-00,  ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600' "OREQUIVALENT".	Number	6					
19	BEARING, ECCENTRIC.  P#7602-0212-68,  ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600' "OR EQUIVALENT".	Number	12					
20	BEARING, MAIN.  P#7602-0201-37,  ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600' "OR EQUIVALENT".	Number	6					
21	WIRE, 1/16" DIA. x 80FT. LONG SOFT IRON.  P#7602-5289-60,  ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600' "OR EQUIVALENT".	Number	3					
22	WIRE, 11GA. x 5FT. LONG SOFT IRON.  P#7602-5200-60,  ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600' "OR EQUIVALENT".	Number	2					
23	"O"-RING, (OUTER).  P# 7602-1601-22, 7601-1610-22,  ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600' "OR EQUIVALENT".	Number	12					
24	EXTENSION, CROSSHEAD.  P# 6316- 0028-00,  ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600' "OREQUIVALENT".	Number	12					

*(Signature)*  
13/7/21

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**Material** SPARES FOR MAJOR OVER HAULING OF 04 NOS. CONTINENTAL EMSCO MUD PUMPS MODEL FB-1600  
**Tender Enquiry No** PROC-FA/CB/RMD/PUMP-5087/2021  
**Due Date**  
**Evaluation Criteria** FULL

25	PIN, CROSSHEAD.  P# 6316-0087-00,  ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600' "OR EQUIVALENT".	Number	12
26	BEARING, CROSSHEAD.  P#6301-0038-00,  ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600' "OR EQUIVALENT".	Number	12
27	CROSSHEAD.   P#6316-0022-00  ASY SLUSH PUMP, "EMSCO" " FA/FB-1600" "OR EQUIVALENT".	Number	12
28	GUIDE ASSEMBLY, UPPER CROSSHEAD.  P# 6316-0181-00, 6316-0687-00  ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600' "OR EQUIVALENT".	Number	9
29	GUIDE ASSEMBLY, LOWER CROSSHEAD.  P# 6316-0182-00, 6316-0688-00 ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600' "OR EQUIVALENT".	Number	9
30	CAPSCREW, 3/8" - 16 x .88LG. HEX HEAD.  P# 7601-0330-29,  ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600' "OR EQUIVALENT".	Number	48
31	CAPSCREW, 5/8" - 11 x 1-1/2" LG.HEX HEAD.  P# 7601-0330-76,  ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600' "OR EQUIVALENT".	Number	112
32	SEAL, SINGLE LIP OIL.  P# 7602-2131-47,  ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600' "OR EQUIVALENT".	Number	30
33	"O"-RING.  P# 7602-1600-39,  ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600' "OR EQUIVALENT".	Number	8
34	SPRING, DIAPHRAGM STUFFING BOX.  P# 6397-0548-00,  ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600' "OR EQUIVALENT".	Number	9
35	SEAL, DOUBLE LIP OIL.  P# 7602-2132-76,  ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600' "OR EQUIVALENT".	Number	30
36	SPRING, DIAPHRAGM STUFFING BOX LOCK.  P# 6397-0546-00,  ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600' "OR EQUIVALENT".	Number	10
37	PUMP WITHOUT RELIEF VALVE, OIL  P# 7602-1830-82,  ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600' "OR EQUIVALENT".	Number	2
38	GEAR, OIL PUMP.  P# 6319-0094-00,  ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600' "OR EQUIVALENT".	Number	3
39	VALVE, SHEAR RELIEF, 3" TYPE-B  P# 6923-0016-00,  ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600' "OR EQUIVALENT".	Number	4
40	PUMP, CHAIN OILER GEAR BRAW & SHARP WITH RELIEF VALVE.  P# 7602-1840-48,  ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600' "OR EQUIVALENT".	Number	4
41	FILTER, "MARVEL".  P# 7602-1070-04,  ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600' "OR EQUIVALENT".	Number	4
42	GASKET, DOOR.  P# 6316-0127-00,  ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600' "OR EQUIVALENT".	Number	4
43	GASKET, GEAR CASE COVER.  P# 7602-5940-19,  ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600' "OR EQUIVALENT".	Number	4
44	GASKET, INSPCTION DOOR  P# 7502-0103-00,  ASY SLUSH PUMP, "EMSCO" 'FA/FB-1600' "OR EQUIVALENT".	Number	8

**Note:**

1. Bid Bond Amount: US \$ 16,000/= (United States Dollar Sixteen Thousand Only) or equivalent Pak Rupees valid up to 210 Days from the date of technical bid opening
2. Mode of Bidding: Single stage two Envelope basis.
3. Evaluation Criteria: - Full Consignment wise C&F By Sea
4. Delivery Period: 180 days from establishment of LC
5. Bid Validity: 180 Days
6. Bidders are advised to carefully read all the terms and conditions of the Tender Document available on OGDCL website which is an integral part of this Schedule of Requirement

**Procurement of Overhauling Spares for Mud Pumps (CONTINENTAL EMSCO Model FB-1600).**

**Terms & Conditions for Bidders and Scope of Work for Pre-shipment Third Party Inspection.**

1. The required spares will be used for major overhauling of Continental Emsco (a brand of M/s National OilWell Varco) mud pumps model FB-1600 installed at OGDCL drilling rigs.
2. Bids from mud pumps or mud pump parts manufacturers and their authorized distributors will be accepted only.
3. In case any bidder offers equivalent parts manufactured by manufacturers other than OEM (M/s NOV), following will be required;
  - 3.1 The manufacturer shall have mud pumps or mud pump parts manufacturing experience for last twenty (20) years. In this regard, Business License issued in favor of the manufacturer by the chamber of commerce or any other regulatory authority of the manufacturer's country must be provided with the technical bid. The Business license (or any other legal certificate) shall reflect date of business establishment, company name and company business brief in **English language**.
  - 3.2 Bidder to provide with the technical bid the manufacturer's company profile and sale record for last five (05) years for same type of items by mentioning client names, addresses, e-mails and phone/fax numbers. OGDCL reserves the right to re-confirm the authenticity of provided sale record from the clients.
  - 3.3 Bidder to provide with the technical bid copies of minimum five (05) un-priced materialized sale contracts/ purchase orders and supporting invoices for supplying of similar items to different international drilling contractors or drilling companies other than and outside the manufacturer's own country during last five (05) years. Each purchase order/supporting invoice shall be
    - i. For supply of minimum ten (10) types of mud pump mechanical/power end parts.
    - ii. Showing complete description and quantity of the supplied parts.
    - iii. Showing total value not less than US dollar one hundred thousand (USD 100,000/-).  
**Only total value of the purchase orders/ sale contracts/ invoices is required. Detailed break-up of the prices (e.g. unit cost and extended cost for each item) is not required.**
  - 3.4 Bidder to provide with the technical bid the satisfactory performance certificates/ statements from at least three (03) end users of the above contracts, stating that the parts manufactured by the quoted manufacturer (name to be mentioned) and supplied against contracts/ purchase orders (contracts reference to be mentioned) have been utilized in repair/ major overhauling of Continental Emsco FA/FB/FD-1600 mud pumps and their performance found satisfactory. The sale contracts & certificates (mentioned above) shall bear valid addresses (postal/ e-mail) and phone/ Fax numbers of the end users (customers). OGDCL reserves the right to re-confirm the authenticity of provided contracts/ purchase orders and certificates from manufacturer and end users.

**Procurement of Overhauling Spares for Mud Pumps (CONTINENTAL EMSCO Model FB-1600).**

**Terms & Conditions for Bidders and Scope of Work for Pre-shipment Third Party Inspection.**

4. "Certificate of Origin and Compliance" to be provided before shipment of the consignment.
5. Bidder to provide along with the technical proposal/bid, adequate and relevant technical literature from respective manufacturer(s) of the offered bearings. The literature shall include equivalency chart reflecting the offered bearings part numbers and Continental Emsco part numbers, specifications and drawings with dimensions etc. Bearings manufacturer(s) shall have minimum twenty (20) years' experience of manufacturing such heavy duty bearings. Documentary proof in this regard to be provided along with the bid. Bidder to provide along with the technical proposal/bid, adequate and relevant technical literature from respective manufacturer(s) for items like pinion shafts, fluid ends, bearings, gear pumps, pressure gauges, valve assemblies and pulsation dampeners etc. The provided documents for each item shall have enough information about technical specifications, part numbers, schematic drawings, part lists and dimensions along with respective manufacturer name and country of origin.
6. Pulsation dampener to be supplied with test certificate and NDT report. Diaphragm stabilizer should be HNBR (suitable for use with oil base mud applications).
7. For item "Pinion Shaft" dimensional drawings must be provided with the technical bid and the item is to be supplied with Material Test Certificates and NDT reports.
8. In case, the bidder offers the required items with superseded/ replaced part numbers, these should be clearly mentioned in the technical bid and a certificate be provided to confirm that offered items with new part numbers are 100% exact replacement (i.e.100% compatible in design, dimensions and function/performance) to the items mentioned in the Schedule of Requirement.
9. Bidder to provide along with the bid, a certificate confirming that all the offered items will be supplied as new, not re-manufactured, un-used and free from all manufacturing defects.
10. OEM/manufacturer's part numbers shall be mentioned on packing or engraved on each item.
11. Manufacturer (bidder) to provide certificate that, all parts will fit and perform without buying additional parts or modification to existing arrangements and that in case of any misfit of any or all items in mud pumps (Continental Emsco FB-1600), bidder will have to replace immediately any or all items without any additional cost to OGDCL.
12. The offered parts to be covered by the OEM/ manufacturer's warranty/guarantee for a period of one year from the date of installation or 18 month from the date of shipment. Compliance/confirmation to this effect to be provided with the technical proposal.
13. Bidder to mention in financial bid complete description, quantity, unit price (FOB), unit price (CPT Karachi) & extended price against each item. Quoting price simply for lot is not acceptable. OGDCL may increase or decrease quantity as per its own requirement at the time of placing order.

**Procurement of Overhauling Spares for Mud Pumps (CONTINENTAL EMSCO Model FB-1600).**

**Terms & Conditions for Bidders and Scope of Work for Pre-shipment Third Party Inspection.**

14. OGDCL may carry out pre-shipment third party inspection (TPI) of the consignment at the supplier's premises/ warehouse through OGDCL designated inspection agency at OGDCL's own cost.
- 15. Post-delivery inspection of the consignment at OGDCL premises in Pakistan will be carried out jointly by OGDCL representative, TPI agency (if applicable) and supplier's representative.
16. Scope of work for pre-shipment TPI and post-delivery joint inspection of the consignment is attached as "Annexure-1".
17. It will be the bidder's/ supplier's responsibility to intimate at least two weeks in advance the dates and venue of pre-shipment inspection when the material is ready for such inspection. The bidder/ supplier will extend full cooperation to the inspector(s) in this regard. Like-wise OGDCL will intimate the date and venue of post-delivery joint inspection to the bidder/ supplier in due course of time.
18. Supplier shall provide to inspector the original "certificate of origin and compliance" and "OEM warranty" for examination and onward submission to OGDCL. OGDCL reserve the right to re-confirm the authenticity of provided certificates from issuer.
19. Third party inspector(s) will submit the final flash report within one day of completion of the inspection and OGDCL will intimate acceptance or rejection of the consignment/ item(s) to the supplier accordingly.
20. Shipment to be made by the supplier only after material acceptance by OGDCL in light of the third party inspector's report.
21. After completion of the third party pre-shipment inspection and subsequent acceptance by OGDCL, the material should be boxed and packed in a compact manner to ensure safe handling and transportation during shipment.
22. Third party inspector will also witness the packing and make it part of the inspection release note.
23. Bidder/ supplier to submit all documents in English language. All the claims made by the bidder/ supplier shall reflect from manufacturer' official website in English.
24. **Delivery period:** 180 days from the date of establishment of Letter of Credit.
25. Above terms and conditions are integral part of OGDCL Tender Enquiry. A copy of these terms and conditions duly signed and stamped by the bidder's authorized person must be provided along with the bid in token of acceptance.