

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 CATHODIC PROTECTION SYSTEMs
Tender Enquiry No PROC-FA/CB/PROD-4848/2020
Due Date
Evaluation Criteria GROUP WISE

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
Group A								
1	Thermocouple, 24" K16RA-24, Soldered, part #3400-20828	Number	7					
2	Valve, Shut off, Basco H19-TA3, Part # 3090-00176	Number	10					
3	Fuel Filter Kit, Fisher 67 CFR, part #3400-22363	Number	15					
4	Ignitor Broad Assy, part #2400-06248	Number	25					
5	Connector, 3/16-1/8, Nylon, NY-300-1-2, Part # 3026-06362	Number	60					
6	Electrode Assyh, Spark Ignitor, Part # 4900-02032	Number	20					
7	PCB, Limiter Converter, part # 2400-28938	Number	20					
8	PCB, Duel FET SSR Switch, part #2400-28939	Number	20					
9	Volt meter, Panel, LCD, 3 1/2 digit, part # 2420-50860	Number	20					
10	Current meter, Panel, LCD, 3 1/2 digit, part # 2420-50861	Number	17					
11	PCB Front Panel Module, Part #2400-28892	Number	22					
12	PCB, DC/DC Convertor 14V to 2.5V, Part #2400-28942	Number	10					
13	Battery, 6V. 5.0Ahr, Monobloc, Part # 2400-24559	Number	25					
14	HP Regulator Fisher Inlet 6000 Psi Outlet 500 PSI, Part # 1301 G-N5 /1301-F	Number	15					
15	Ignition Coils 2V P/N, Part # 2400-60307	Number	20					
Group B								
16	Surge Diverter	Number	8					
17	Cad Weld with Mold (20 Nos.CA1 chages and 01 No.Mold)	Number	10					
18	Portable Ref. Electrode	Number	9					
19	Holloway Shunts (25Amp ~ 50mV)	Number	200					
20	Holloway Shunts (50Amp ~ 50mV)	Number	45					
21	Holloway Shunts (75Amp ~ 100mV)	Number	25					
22	Rheostat 8.65Amp, Max 2 ? 150W (Ohmite RLS2ROE or Equivalent)	Number	25					
23	Rheostat 7.071Amp, Max 3 ? 150W (Ohmite RLS3ROE or Equivalent)	Number	50					
24	Rheostat 8.66Amp, 3 ?, 225W (Ohmite RPS3ROE or Equivalent)	Number	25					
25	Rheostat 4.74Amp, Max 10 ? 225W (Ohmite RPS10RE or Equivalent)	Number	25					
26	Rheostat 10Amp, 3 ?, 300W (Ohmite RNS3ROE or Equivalent)	Number	24					
27	Rheostat 10Amp, 5 ?, 500W (Ohmite RRS5ROE, or Equivalent)	Number	24					
28	Mixed Metal Oxide Anodes	Number	30					
29	Current control Box 10 Way	Number	2					
30	Anode Junction box	Number						

Handwritten Signature
 J.B. Corrosion
 Ext: 2960

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Group B

31	Magnesium Anodes	Number	35
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Note:

1. Bid Bond Amount: USD 3,500/- for Group-A
USD 2,500/- for Group-B
2. Evaluation Criteria: - Each Group Wide, C&F By Sea Karachi
3. Delivery Period: 90 days from establishment of LC
4. 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
- 5- Bid Validity: 150 Days D

B. W. Khan
28/09/20
Bilal Arshad Malik
J.E.(Corrosion)
Ext: 2960

Terms & Conditions

- i. It will be mandatory for bidder to provide ORIGINAL authority letter (on original letter head pad – scanned letter will not be accepted) from Original Equipment Manufacturer (OEM)
- ii. The OEM must have minimum 07 years of manufacturing experience without which bid will not be accepted.
- iii. Third party pre-shipment inspection if required will be arranged by OGDCL, the vendor will be responsible to extend cooperation in this regard.
- iv. For Group – I, spares of TEG Model No: 1120 made by (Global Thermo – electric generator's Calgary Canada or equivalent shall be accepted.
- v. In case of equivalent parts, the vendor shall provide/submit minimum three (03) sale records of E&P Companies of the spares of TEG Model No: 1120 made by (Global Thermo – electric generator's Calgary Canada) along with verifiable satisfactory performance certificates other than in the manufacturing country.

Bilal Arshad Malik 06/10/20
Bilal Arshad Malik
J.E.(Corrosion)
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Description of spares of Group - II

1 - Surge Diverter:

- A surge arrester should have a low impulse ratio.
- Shall have provision to be installed on pipeline with Nut bolts.
- Should be supplied with cable approx. 01 meter length.

2-3 CAD WELD MOLDS & SHOTS:

- a) Graphite material capable of withstanding high temperatures
- b) Does not contain phosphorous, magnesium or any caustic, toxic or explosive substances.
- c) Low voltage battery starting (where used)
- d) Each shots should contain weld metal

4 Reference Electrodes:

- Approximate overall size 1 – 3/8" dia & 6 – 3/4 " length
- Easy to use & Replaceable CPT porous plug
- Reliable & Lexan tube with window
- Rugged & Extra heavy top cap

5-8 Shunts:

- A shunt resistor, with provision for four-terminal sensing
- Ohmite RLS2ROE or Equivalent

9-14 Wire Wound Rheostat:

- Should be easily adjustable
- Ability to pass large amount of current without being red hot
- Sliding type, thin wire (with sufficient field strength) wound over ceramic cord.

15- Mixed Metal Oxide Anodes:

Mixed metal oxide anodes shall be of following specifications;

- | | | |
|--|---|---------------------------|
| a. Type | = | tubular |
| b. Anode weight | = | 40lbs |
| c. Anode dia | = | 2.5 cm |
| d. Anode length | = | 50 cm |
| e. Anode current output | = | 5.5 amp max |
| f. Custom coil | = | HALAR/HMWPE OR PVDF/HMWPE |
| g. Coil length | = | 10 Meters |
| h. High current output | | |
| i. Extremely low and uniform consumption rate | | |
| j. Light weight, easy handling and low maintenance | | |

16 - Anode junction boxes:

- 16-gauge galvanized steel with top drip shield and seam-free sides, front and back.
- 16-gauge galvanized steel continuous hinge with stainless steel hinge pin.
- Cover fastened securely with captive plated steel screws.

- Provided with padlocking.
- Rainproof, enclosures
- mechanical terminal lugs for cable attachment
- Ample room inside the enclosure to allow easy access.
- Can counter minimum 10 Anodes.

17 - Magnesium Anodes:

Sacrificial anodes- Magnesium anodes, 17 LBS bare Metal weight.

17 - Current control box:

- The enclosure size should have ample room inside the enclosure to allow easy access and an improved working environment with a proper key and lock system.
- Should be installed with a wide variety of shunts, connectors, terminal blocks, slide resistors, rheostats junction or bond box assembly should include mounting requirements, ventilation needs, and current ratings as rated in attached list for 10- ways