

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

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

ANNEXURE 'A'

**Material** SPARES FOR UCPS/LCPs OF KPD-TAY PLANT  
**Tender Enquiry No** PROC-FE/CB/P&P-4269/2019  
**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	Adapter with USB interface, Part #: K-ADP-USB; Manufacturer: Pepperl+Fuchs (or Equivalent)	Number	1					
2	Analog Input Barrier, Part #: MTL7796; Manufacturer: MTL (or Equivalent)	Number	2					
3	Analog Input I.S. Barrier; Part #: MTL5541; Manufacturer: MTL (or Equivalent)	Number	8					
4	Analog Output I.S. Barrier; Part #: MTL5546Y; Manufacturer: MTL (or Equivalent)	Number	7					
5	Control Relay with base/socket; Part#: 2967099; Manufacturer: Phoenix Contact (or Equivalent)	Number	2					
6	Current Repeater; Part #: MTL5544AS; Manufacturer: MTL (or Equivalent)	Number	4					
7	End Cap, Part #: UPR-E; Manufacturer: Pepperl+Fuchs (or Equivalent)	Number	1					
8	Ethernet Switch, FL SWITCH SFNB 5TX, Part #: 2891001; Manufacturer: Phoenix Contact (or Equivalent)	Number	1					
9	Ethernet Switch, Part #: 108TX; Manufacturer: N-TRON (or Equivalent)	Number	1					
10	Ethernet Switch, Part #: EKI-2528; Manufacturer: Advantech (or Equivalent)	Number	1					
11	Industrial Ethernet Switch, Part #: EKI-7654C; Manufacturer: Advantech (or Equivalent)	Number	1					
12	Industrial Ethernet Switch, Part #: EKI-7659C; Manufacturer: Advantech (or Equivalent)	Number	1					
13	Industrial Media Converter, Part #: EKI-2541M; Manufacturer: Advantech (or Equivalent)	Number	1					
14	Limit Controller, Part#: SA100LK04-MN-4*NN-D1/Y; Manufacturer: RCK Instrument Inc. (or Equivalent)	Number	1					
15	Modbus Gateway, Part #: EKI-1224; Manufacturer: Advantech (or Equivalent)	Number	1					
16	PC USB Link Cable; Part #: PCL4USB; Manufacturer: MTL (or Equivalent)	Number	1					
17	P/N 4501 Display / Programming Front; Manufacturer: PR Electronics (or Equivalent)	Number	1					
18	Panel HMI; Part #: DOP-AS57BSTD; Manufacturer: Delta Electronics (or Equivalent)	Number	1					
19	Panel mounted HMI, Part #: MT8150iE 1WV with Programming/Configuration Software and cable; Manufacturer: Weinview Co. Ltd. (or Equivalent)	Number	1					
20	Power Feed Module, Part #: KFD2-EB2.R4A.B; Manufacturer: Pepperl+Fuchs (or Equivalent)	Number	2					
21	Power Filter, Model: SFP 1-20/230AC, Part #: 2859987; Manufacturer: Phoenix Contact (or Equivalent)	Number	2					
22	Power Supply, Input 100-240V, Output: 24V, Model: QUINT-PS/1AC/24DC/10; Part#: 2866763; Manufacturer: Phoenix Contact (or Equivalent)	Number	2					
23	Power Supply, Model: MINI-PS-100-240AC/24DC/4; Part #: 29 38 83 7; Manufacturer: Phoenix Contact (or Equivalent)	Number	1					
24	Power Supply, Model: QUINT-PS/1AC/24DC/20, Part #: 2866776; Manufacturer: Phoenix Contact (or Equivalent)	Number	3					
25	Power Supply, Model: QUINT-PS/1AC/24DC/20/CO; Part#: 2320898, Manufacturer: Phoenix Contact (or Equivalent)	Number	2					

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26	Power Supply, Part #: WDR-240-24; Manufacturer: Mean Well (or Equivalent)	Number	1
27	Power Supply, Part#: 2866446; Manufacturer: Phoenix Contact (or Equivalent)	Number	1
28	Preventa safety relay, Part #: XPSAC5121; Manufacturer: Schneider Electric (or Equivalent)	Number	1
29	RS485 Surge Protector; Part #: SD16R; Manufacturer: Weidmuller (or Equivalent)	Number	2
30	Redundancy Module, Model: QUINT-ORING/24DC/2X10/1X20; Part#: 2320173; Manufacturer: Phoenix Contact (or Equivalent)	Number	1
31	Redundant Power Feed Module, Part #: KFD2-EB2.R4A.B; Manufacturer: Pepperl+Fuchs (or Equivalent)	Number	2
32	Redundancy Module, Model: QUINT ORING/24DC/2X20/1X40; Part#: 2320186; Manufacturer: Phoenix Contact (or Equivalent)	Number	1
33	Relay with Base, DC24V by OMB Relay Ind, Part #:(G2RV8001E), G2RV-SL700; Manufacturer: OMRON (or Equivalent)	Number	10
34	Relay with Base, Part#: MY4IN 24VDC, Relay 4 NO/NC 24VDC; Manufacturer: OMRON (or Equivalent)	Number	2
35	Relay with Base; Part #: RCL424024 (4058570000); Manufacturer: Weidmuller (or Equivalent)	Number	25
36	Relay with Base; Part#: RCI424AC4 (8870180000); Manufacturer: Weidmuller (or Equivalent)	Number	10
37	Relay with Base; Part#: RCI424T30 (8870230000); Manufacturer: Weidmuller (or Equivalent)	Number	3
38	Relay with Socket, EMG10-REL/KSR-G24/21-LC ; Part #: 2942153; Manufacturer: Phoenix Contact (or Equivalent)	Number	20
39	Relay with Socket, EMG17-REL/KSR-24/21-21-LC; Part #: 2940391; Manufacturer: Phoenix Contact (or Equivalent)	Number	5
40	Relay with Socket/Base, 5A, 35VDC, Part #: 41.81.7.024.9024; Manufacturer: Finder (or Equivalent)	Number	5
41	Relay with Socket/Base, Part #: 34.51.7.024.0010; Manufacturer: Finder (or Equivalent)	Number	6
42	Relay with Socket/Base, Part #: 39.11.0.024.0060; Manufacturer: Finder (or Equivalent)	Number	6
43	Relay with Socket/Base, Part #: 99.02.9.024.99; Manufacturer: Finder (or Equivalent)	Number	8
44	Relay with base, Part #: RT940005 (RTE24024); Manufacturer: SCHRACK (or Equivalent)	Number	10
45	Relay with base; 24vdc INPUT, CONTACT 10A/250vac; Part #: DRM270024L, 7760056060; Manufacturer: Weidmuller (or Equivalent)	Number	5
46	Relays with Socket, Part #: Relay No. 2961105, SOCKET: PLC-BSP-24DC/21, ORD-NO.: 29 67 219; Manufacturer: Phoenix Contact (or Equivalent)	Number	40
47	Repeater, Part #: KFD0-CS-2.50; Manufacturer: Pepperl+Fuchs (or Equivalent)	Number	2
48	Smart Current Driver, Part #: KCD2-SCD-1; Manufacturer: Pepperl+Fuchs (or Equivalent)	Number	2
49	Smart Current Driver, Part #: KFD2-SCD2-Ex1-LK; Manufacturer: Pepperl+Fuchs (or Equivalent)	Number	2
50	Smart Transmitter Power Supply, Part #: KCD2-STC-1; Manufacturer: Pepperl+Fuchs (or Equivalent)	Number	8
51	Smart Transmitter Power Supply, Part #: KFD2-STC4-1; Manufacturer: Pepperl+Fuchs (or Equivalent)	Number	2

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52	Smart Transmitter Power Supply, Part #: KFD2-STC4-Ex1.2O; Manufacturer: Pepperl+Fuchs (or Equivalent)	Number	1
53	Smart Transmitter Power Supply, Part #: KFD2-STC4-Ex1; Manufacturer: Pepperl+Fuchs (or Equivalent)	Number	10
54	Surge Protector ; 240V 50 Hz 10A, Part #: MA15/D/2/SI; Manufacturer: MTL (or Equivalent)	Number	1
55	Surge Protector; 240V 50 Hz 15A; Part #: MA15/D/2TT/L; Manufacturer: MTL (or Equivalent)	Number	1
56	Surge Protector; Part #: ZB24580; Manufacturer: MTL (or Equivalent)	Number	3
57	Switch Amplifier, Part #: KFD2-SR2-Ex2.W; Manufacturer: Pepperl+Fuchs (or Equivalent)	Number	8
58	Temperature Converter; Part #: MTL5575; Manufacturer: MTL (or Equivalent)	Number	5
59	Temperature Switch, Part #: 7T.81.0.000.2403; Manufacturer: Finder (or Equivalent)	Number	2
60	Timing Relay, Part #: 700-FSA4UU23; Manufacturer: Allen-Bradley (or Equivalent)	Number	1
61	Transmitter Power Supply, Part #: KFD2-CR4-1; Manufacturer: Pepperl+Fuchs (or Equivalent)	Number	4
62	UT Advanced Digital Indicating Controller, Part#: UT35A-000-11-00, Manufacturer: Yokogawa (or Equivalent)	Number	1
63	Universal Converter, Part #: 9I16B1; Manufacturer: PR Electronics (or Equivalent)	Number	4
64	Universal Power Rail, Part #: UPR-03; Manufacturer: Pepperl+Fuchs (or Equivalent)	Number	1
65	Universal Temperature Converter, Part #: KFD2-UT2-Ex1, Manufacturer: Pepperl+Fuchs (or Equivalent)	Number	10
66	Universal Transmitter, Part #: 4114; Manufacturer: PR Electronics (or Equivalent)	Number	2
67	Universal Transmitter, Part #: 4116; Manufacturer: PR Electronics (or Equivalent)	Number	2

**Note:**

**NOTE:**

1. **Bid bond;** - Pursuant to tender clause # 2.2, 11.4, 13 & 35.3.2, bid bond amounting to US\$ 1,500/- (USD One Thousand & Five Hundred only) or equivalent in Pak Rupees should be submitted with the technical bid.
2. **Foreign Procurement Payment Terms also available at OGDCL website (Tender Tab)**

**Tender value less than or equal to US\$ 200,000:**

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.

3. **Evaluation Criteria:** FULL CONSIGNMENT WISE ON C&F BY SEA KARACHI BASIS
4. **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.
5. **Terms and conditions:-**Bidders are advised to carefully read all the terms and conditions of the Tender Document available at OGDCL website in the master tender document.
6. **Delivery Period:** 20 Weeks

ATTACHMENT FOR KPD-756

Technical Terms & Conditions:

1. Parts must be in original OEM Packing.
2. Parts must be new & free from any defect.
3. If bidder found any ambiguity in part nos., it should be cleared prior to bid submission.
4. Parts must have standard OEM warranty/guarantee.
5. In case of equivalent items or superseded part number, 100 % replacement with same fits & tolerances is required. Bidder must provide the literature, relevant documents & documentary evidence that supplied item is exact replacement of part mentioned in SOR for equivalent items.