

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

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

**ANNEXURE 'A'**

**Material** 03 Nos of Sales Gas Compressors & 01 No of Condensate Overhead Compressor Control Panel and Field Instrumentation of Nashpa Plant  
**Tender Enquiry No** PROC-FC/CB/P&P/NASHPA-4002/2019  
**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
<b>Group A</b>								
1	Controllogix CPU, Make: Allen-Bradley;P# 1756-L71 or equivalent	Number	1					
2	Touchscreen, Size: 19 ", the display area: 376 x 301 mm; high screen aspect ratio: 4: 3; 2.0USB two host ports; two Ethernet ports; 24VDC, Make: Allen-Bradley; P# 2711P-T19C22D9P or equivalent.	Number	1					
3	Controllogix Power Supply, Make: Allen-Bradley;P # 1756-PA72 or equivalent.	Number	1					
4	Controllogix Power Supply, Make: Allen-Bradley;P # 1756-PA75 or equivalent.	Number	1					
5	ETHERNET/IP BRIDGE MODULE "ROCKWELL AUTOMATION". IP# 1756-EN2TR ;Make: Allen-Bradley or equivalent	Number	1					
6	Redundancy Module, Make : Allen-Bradley;P#1756-RM2 or equivalent.	Number	2					
7	4 slot Rack, Make: Allen-Bradley;P#1756-A4 or equivalent.	Number	1					
8	13 Slot Rack, Make: Allen-Bradley;P#1756-A13 or equivalent.	Number	1					
9	32 Channel Digital Input Module, Make: Allen-Bradley;P#1756-IB32 or equivalent.	Number	1					
10	Redundant Terminal Plate for Digital Input, Make: Allen-Bradley;P#1492-TIFM40F-F24A-2 or equivalent.	Number	2					
11	Redundancy Module Pre-wired cable, Make: Allen-Bradley;P#1492-CABLE025Z or equivalent.	Number	2					
12	16 channel Digital Output Module, Make: Allen-Bradley;P#1756-OB16D or equivalent.	Number	2					
13	Redundant Terminal Plate for Analog Input, Make: Allen-Bradley;P#1492-TAIFM16-F-3 or equivalent.	Number	2					
14	Redundancy Module Pre-wired cable for Analog Input Interface module, Make: Allen-Bradley;P#1492-ACABLE025UA or equivalent.	Number	2					
15	16 channel Analog Input Module, Make : Allen-Bradley;P#1756-IF16 or equivalent.	Number	2					
16	Redundant Terminal Plate for Digital Output Module, Make: Allen-Bradley;P#1492-TIFM40F-24-2 or equivalent.	Number	1					
17	8 channel Analog Output, Make: Allen-Bradley;P#1756-OF8 or equivalent.	Number	1					
18	Redundant Terminal Plate for Analog Output Module, Make: Allen-Bradley;P#UL08AO (RED) -D25-SPD (4-20mA) or equivalent.	Number	1					
19	Redundancy Module Pre-wired cable for Analog Output Interface module, Make: Allen-Bradley;P#ULCBL08AO D25F-FO / 3MTR or equivalent.	Number	1					
20	36-pin Terminal Block, Make : Allen-Bradley;P#1756-TBCH or equivalent.	Number	1					
21	20-pin Terminal Block, Make : Allen-Bradley;P#1756-TBNH or equivalent.	Number	1					
22	Controller Redundancy Cable, Make : Allen-Bradley;P#1756-RMC1 or equivalent.	Number	1					
<b>Group B</b>								
23	Modbus Communication Module, Make : Molex;P#SST-SR4-CLX-RLL or equivalent.	Number	1					
24	Temperature Converter, THC or RTD input, 3 wire or 4 wire RTD and	Number						

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	Thermocouple (mV) signal to 4/20mA, Make: Eaton MTL;P#MTL-5573 or equivalent.		
25	Power Surge Protector, Max Input current: 18 KA, Max. continuous working current: 15A (230V), Operating Voltage: 230V, Make: Siemens;P#5SD74 or equivalent.	Number	1
26	Power Supply, Rated input voltage: 230V; frequency range: 45 ~ 65Hz; current consumption: 2.3 A (230V AC); Output Current: 20A; Output voltage: 24V DC +/- 1%, Make: Phoenix Contact;P#2866776 or equivalent.	Number	1
27	Power Supply, Rated input voltage: 230V; frequency range: 45 ~ 65Hz; current consumption: 4.6 A (230V AC); Output Current: 40A; Output voltage: 24V DC +/- 1%, Make: Phoenix Contact;P#2866789 or equivalent.	Number	1
28	Circuit Breakers, Rated voltage: 230V; Rated current: 4A; series: 2P; breaking capacity: 6000A, Make Schneider Electric;P#iC65NC10A or equivalent.	Number	2
29	Circuit Breakers, Rated voltage: 230V; Rated current: 6A; series: 2P; breaking capacity: 6000A, Make Schneider Electric;P#iC65NC6A or equivalent.	Number	1
30	Circuit Breakers, Rated voltage: 230V; Rated current: 4A; series: 2P; breaking capacity: 6000A, Make Schneider Electric;P#iC65NC4A or equivalent.	Number	3
31	Relay Module, coil side input voltage: 24V; Contact Type: 2PDT, Make: Phoenix Contact;P#2961192 or equivalent.	Number	30
32	Miniature Plug-in relay - Zelio RXM 2 C/O 230 V AC 12 A with LED, Make: Schneider Electric;P#RXM2AB2P7 or equivalent.	Number	1
33	Digital Output Redundant Terminal Plate Relay, Make: Allen Bradley;P#700-HK36Z24 or equivalent.	Number	3
34	Analog Input and Digital Input Redundant Terminal Plate Fuses, Voltage: 250V, Current (500mA to 1A);P#Fuses or equivalent.	Number	150
35	Magnetic Contactors, Schneider Electric;P#LC1D/2 or equivalent.	Number	2
36	Timer in Minutes and Timer in Seconds, Make: Chint;P#JSZ3 or equivalent.	Number	2
37	Power Indicator, Voltage Level: 230V, Color: Red, Hole Diameter: 22mm, Make: Schneider Electric;P#XB2-BVM4LC or equivalent.	Number	1
38	Switches: Voltage Level: 230V, Contact Type: Normally Open, Make: Schneider Electric;P#ZB2-BE101C or equivalent.	Number	4
39	Pilot Lamp, Voltage Level: 230V, Color: Green, Panel Mounting Hole: 22mm, Make: Schneider Electric;P#XB2-BVB3LC or equivalent.	Number	1
40	Buzzer, Voltage Level: 230V, Color: Green, Panel Mounting Hole: 22mm, Make: Schneider Electric;P#XB2-BSBC or equivalent.	Number	1
41	Pressure Transmitter, Make: Yokogawa Electric;P#EJA530E-JBS4N-017DL/FF1/D1 or equivalent.	Number	2
42	Pressure Transmitter, Make: Yokogawa Electric;P#EJA530E-JCS4N-017DL/FF1/D1 or equivalent.	Number	2
43	Pressure Transmitter, Make: Yokogawa Electric;P#EJA530E-JDS4N-017DL/FF1/D1 or equivalent.	Number	2
44	Level Switch, Make: Krohne;P#BM26A/C/RR/K1/EXD/160/F/V/V or equivalent.	Number	1
45	Level Switch, Make: Krohne;P#BM26A/C/RR/K1/EXD/F/V/V or equivalent.	Number	1
46	Level Transmitter, Make: Krohne;P#BM26A/P/C/RR/EH/EXD/F/V/V or equivalent.	Number	1
47	Level Switch, Make: Krohne;P#BM26G/C/RR/K1/EXD/100/F/V/V or equivalent.	Number	1

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48	Level Transmitter, Make: Krohne;P#BM26G/P/C/RR/EH/EXD/100/F/V/V or equivalent.	Number	1
49	Level Transmitter, Make: Krohne;P#BM26G/P/C/RR/EH/EXD/160/F/V/V or equivalent.	Number	1
50	Temperature Transmitter, Make: Yokogawa Electric;P#YTA110-EA2DN/D2/FF1 or equivalent.	Number	2
51	Temperature Transmitter, Make: Rosemount;P#644-1053-3001/AF or equivalent.	Number	1
52	Flow Transmitter, Make: Yokogawa Electric;P#Rotamass RCCT39/IR-DH2AZZZZZ/EF1/BG/GA/P3/P6/P8/V2/Z or equivalent.	Number	1
53	Flow Transmitter, Make: Yokogawa Electric;P#Rotamass RCCT38-DH2A05A1SL/EF1/BG/GA/P3/P6/P8 or equivalent.	Number	1
54	Flow Transmitter, Make: Yokogawa Electric;P#Rotamass RCCT39-DH2AZZZZZ/EF1/BG/GA/P3/P6/P8/Z or equivalent.	Number	1
55	Flow Transmitter, Make: Yokogawa Electric;P#Rotamass RCCT36-DH2A05A1SL/EF1/BG/GA/P3/P6/P8 or equivalent.	Number	1
56	Vibration Transmitter, Make: Bently Nevada;P#177230-01-02-05 or equivalent.	Number	2
57	Pressure Switch, EL RATING: 15A,125/250VAC, RANGE 3000 PSI,PROOF 12000 PSI, TEFLON/ST.ST, DEADBAND 18-72, Make: Ashcroft;P#B720T XFSJLNHTM07, or equivalent.	Number	1
58	Pressure Switch, EL RATING: 15A,125/250VAC, RANGE 1000 PSI,PROOF 4000 PSI, DIAPHRAM 316/ST.ST, DEADBAND 12-51, Make: Ashcroft;P#B720S XFSJLNHTM or equivalent.	Number	1
59	Temperature Switch, EL RATING: 15A,125/250VAC, RANGE 75/205F, PROOF 400F, MATERIAL ST.ST, DEADBAND 1.5-3.5, Make: Ashcroft;P#T720TS060 XFSJLNH or equivalent.	Number	2
60	Vibration Switch, Make: Metrix;P#5550-421-320 or equivalent.	Number	2
61	Water Level Switch, Make: Norriseal;P#Series 1005E 1018-KVS8 or equivalent.	Number	2
62	Engine Oil Level Switch, Make: Murphy;P#LM301-EX Rev-E or equivalent.	Number	2
63	Compressor Oil Level Switch, Make: Kenco;P#KLCE-14-FFS or equivalent.	Number	1
64	DNFT(No Flow Switch), Make: WHITLOCK;P#PRG-000518 or equivalent.	Number	2
65	DNFT(No Flow Switch) Battery, Make: WHITLOCK;P#00506 or equivalent.	Number	2
66	Compressor Main Bearing RTD's, Make: GE Superior;P#Z7100-T06C-004 or equivalent.	Number	1
67	Compressor Main Bearing RTD's, Make: GE Superior;P#Z6000-T06C-004 or equivalent.	Number	1
68	Detector - Temperature RTD, Make: GE Superior;P#Z903-465-003 or equivalent.	Number	2
69	Gas Detector, Make: Drager;P#Polytron 5310 XTR 0301 or equivalent.	Number	2
70	Flame Detector, Make: Spectrex Sharpeye;P#40/40 R-112SF or equivalent.	Number	2

**Note:**

BIDDER IS ADVISED THAT PAYMENT WILL BE MADE AS PER THE FOREIGN PROCUREMENT PAYMENT TERMS AVAILABLE AT OGDCL WEBSITE (TENDERS TAB) EFFECTIVE FROM FEBRUARY 27, 2018.

- 1) **EVALUATION CRITERIA:** EACH GROUP WISE ON CFR BY SEA KARACHI BASIS.
- 2) PURSUANT TO TENDER CLAUSE # 2.2, 11.4, 13 & 35.3.2, BID BOND AMOUNTING TO USD 2,300/- OR EQUIVALENT TO PAK RUPEES MUST BE SUBMITTED WITH THE TECHNICAL BID AND VALID FOR 150 DAYS FROM THE DATE OF OPENING OF THE BID.
- 3) **DELIVERY PERIOD:** 120 DAYS FROM L/C.
- 4) **TERMS AND CONDITIONS:** BIDDER IS ADVISED TO CAREFULLY READ ALL THE TERMS AND CONDITIONS OF THE TENDER DOCUMENT AVAILABLE AT OGDCL WEBSITE IN THE MASTER TENDER DOCUMENT.