

TECHNICAL REQUIREMENTS

Supply of Instrumentation Spare Parts for Gas Compressor System on BK-TNG 2026

1. Supply:

- Certificate of Origin (CO) issued by the Chamber of Commerce of Manufacturer's country or Exporter's country: Original for item 01-30, Copy for item 31-34;
- Certificate of Quality (CQ) issued by Manufacturer or Manufacturer's branch: Original for item 01-30, Copy for item 31-34;

2. Manufacturer: As required;

3. Brand new 100% unused;

4. Guarantee: 12 months from the date of signing the receipt protocol;

5. Delivery time: 20 weeks from the date of signing the contract;

6. The Bidder shall supply all items listed under each Section.

No.	Descriptions	Model/ part number	Manufacture	Unit	Qty.	Remark
I	PLC Control System					
1	Digital Input Module, 16 channel 1715-IB16D	1715-IB16D	Allen-Bradley	Ea	1	
2	CLX Redundant Power Supply Module 1756-PB75R	1756-PB75R	Allen-Bradley	Ea	1	
3	CLX Modbus Master/Slave Communication Module MVI56-MCM	MVI56-MCM	Allen-Bradley	Ea	1	
4	Redundant 1715 Adapter Module 1756-AENTRY	1756-AENTRY	Allen-Bradley	Ea	1	
5	Digital Output Module 1715-OF8DE	1715-OF8DE	Allen-Bradley	Ea	1	
6	Analog Input Module 1715-IF16	1715-IF16	Allen-Bradley	Ea	1	
7	Analog Output Module 1715-OF8I	1715-OF8I	Allen-Bradley	Ea	1	
8	Panel View Plus1000, Cat: 2711P-T10C4D8 Panel View Plus Logic Module CAT: 2711P-RP8D. Panel View Plus 1000 color touch display module, CAT: 2711P-RDT10C	2711P-RDT10C	Allen-Bradley	Ea	1	
9	Ethernet Switch FL Switch SFN 5TX Ord. No.2891152	2891152	Allen-Bradley	Ea	1	
10	3-Port ENET/IP TAP-2 TP/1 FIBERCAT: 1783-ETAP1F, manu: Allen-Bradley PN-27012	27012	Allen-Bradley	Ea	1	
11	3-Port ENET/IP TAP-2 TP/1 FIBER CAT: 1783-ETAP2F, manu: Allen-Bradley PN-27004	27004	Allen-Bradley	Ea	1	
12	CLX Controller Module 1756-L71	1756-L71	Allen-Bradley	Ea	1	
13	I/O BASE UNIT: 1715-A3IO	1715-A3IO	Allen-Bradley	Ea	1	
II	Field Instrumentation: Engine, Fire & Gas, Metering Skid, Consumable Devices.					

14	FLAME DETECTOR IR TYPE. P/N: FL4000H-4-5-1-3-1-1-0	FL4000H-4-5-1-3-1-1-0	General Monitors	Ea	1	
15	ALARM BEACON AMBER. P/N: XB15B0241506AWBPR	XB15B0241506AWBPR	MEDC	Ea	1	
16	Gas Density Meter. P/N: GDM2AAAB2Z7EZBZMCHTTG	GDM2AAAB2Z7EZBZMCHTTG	Emerson	Ea	2	
17	DIFF. PRESSURE TRANSMITTER: 25 PDT-1003. P/N : 2051CD4A02A1KS5E5M5D4P1Q4Q8Q15A0279	2051CD4A02A1KS5E5M5D4P1Q4Q8Q15A0279	Rosemount	Ea	1	
18	DIFF. PRESSURE TRANSMITTER: 56 PDT-1008. P/N : 2051CD3A02A1KS5E5M5D4P1Q4Q8Q15A0279	2051CD3A02A1KS5E5M5D4P1Q4Q8Q15A0279	Rosemount	Ea	1	
19	Solenoid Valve Y013AA3H2BS	Y013AA3H2BS	Maxseal	Ea	1	
20	NOX Sensor A740127. P/N: A741417	A741417	Waukesha	Ea	1	
21	PICKUP Magnetic. P/N: 295844E	295844E	Waukesha	Ea	2	
22	Temperature sensor TC type K; P/N: 296588	296588	Waukesha	Ea	3	
23	Power Distribution Juntion Box P/N: 309204B	309204B	Waukesha	Ea	1	
24	Stainless Steel Poppet Check Valve, Fixed Pressure, 1/2 in. Swagelok Tube Fitting, 1 psig (0.07 bar). SS-8C-1/3	SWAGELOK SS-8C-1/3 NSNP	Swagelok	Ea	3	
25	Supervisory Computer Advantech ACP-2010 RB CPU Asrock, Intel Core I5 4440 Processor. Board: Asrock IMB781 Socket LGA1150 4 GB RAM , support upto 32 GB, 500 GB Hard Disk, 4xPCI, 2x PCIe, SATA: 2 sata3, 2 sata 2 Windown 7 processor 64 bit, Office...	ACP-2010 RB	Advantech	Ea	1	
26	Monitor Aten CL1000N KVM LCD 19" Screen (1U)	Aten CL1000N	ATEN	Ea	1	
27	KMV Swich. ATEN CS9134 4-port PS/2 & USB- CS-9134 (Cascade 3 levels, control max 64 servers)	ATEN CS9134	ATEN	Ea	1	
28	Transmitter for Vibration. Model: MX2034-11-01-05-05-01-023-00 (RADIAL TRANSMITTER)	MX2034-11-01-05-05-01-023-00	Metrix	Ea	1	
29	Transmitter for Vibration. Model: MX2034-11-01-05-05-02-072-00 (Axial Transmitter) Manu: Metrix	MX2034-11-01-05-05-02-072-00	Metrix	Ea	1	
30	Low Pressure Switch, P/N: 06-118537-001 Manufarure: KIDDE/USA	06-118537-001	Kidde Fenwal	Ea	3	

31	Laptop DELL INSPIRON 16 5620 INTEL CORE I7-1255U /16.0INCH FHD+/ 32(16X2) GB/ 512GB SSD PCIE NVME/ 4 CELL-54WHR/ WIN 11/ OFFICE H&S 2021/SILVER - 01Y BAO GỒM WIN PRO 11 64BIT ENG INTL 1PK DSP OEI DVD (FQC-10528) ; M.F: DELL; P.N: DELL INSPIRON 16 5620 INTEL CO	DELL INSPIRON 16 5620 INTEL CO	DELL	Set	1	
32	Ổ cứng HDD Seagate 2TB 3.5" SATA 3 - ST2000DM008 chứa dữ liệu SCADA.	ST2000DM008	Seagate Barracuda	Ea	1	
33	Bộ nhớ RAM cho máy tính SCADA RAM 16G, DDR4 , Bus 3200.	M378A2G43AB3-CWE	Samsung	Ea	2	
34	Laser Printer HP Pro 200 Color M251n	HP Pro 200 Color M251n	HP	Ea	1	

TECHNICAL CRITERIA

No.	Technical requirements	Level
1	Supply CQ issued by Manufacturer: Original for item 01-30, Copy for item 31-34;	Major
2	Supply CO issued by Chamber of Commerce of Exporter's country or Manufacturer's: Original for item 01-30, Copy for item 31-34;	Major
3	Manufacturer: According Tech. Requirements.	Major
4	Brand new 100%, according to Tech. Requirements.	Major
5	Guarantee: 12 months from the signing the delivery acceptance protocol.	Major
6	Delivery time: 20 weeks from the date of signing contract.	Major
7	Delivery at PVEP POC Base, PTSC Downstream Port, Rach Dua Ward, HCM City.	Major
8	The Bidder shall supply all items listed under each Section.	Major
	Result:	Acceptable or not acceptable.

Documents support by vendors:

- Acceptable of Tech. Requirement if all items are acceptable.
- Not Acceptable of Tech. Requirement if any item is not acceptable.
- Major: Acceptable or not acceptable.

ĐỀ XUẤT TỔ ĐÁNH GIÁ KỸ THUẬT:

- 1/ Tăng Văn Đồng - TP. ĐHSX:
- 2/ Luyện Khang - PP. ĐHSX:
- 3/ Nguyễn Ngọc Hiếu

Tổ trưởng
Thành viên
Thành viên