



An ISO 9001:2008 certified company.
Certification No. 1112232.01

**We perform
under pressure.**

June 30, 2022

Kiana Setoodehnia

MSU

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Proposal:

Annual Preventative Maintenance Agreement for (1) PDC-4-100-500-150%

Purpose:

PDC would like to offer a comprehensive Preventative Maintenance Program for the Compression System

- PDC Job#1328-0711 PDC-4-100-500-150%

Scope:

The Preventative Maintenance Program will be applicable to the compression system described above which is owned and operated by MSU. The detailed maintenance requirements scope may change annually over the life of the equipment, but the annualized cost will remain the same. This proposal includes all preventative maintenance that would need to be performed annually. It does not include unplanned/emergency maintenance or parts.

This contract will be supported by regional staff and technical support, inclusive of all parts and personnel, covering all yearly planned maintenance and service needs.

PM Frequency:

Maintenance is performed by qualified and authorized service personnel at 12-month intervals, based on current usage. Equipment refurbishment occurs at a typical 1-year interval for the compressor diaphragms/seals. Parts will be replaced according to actual wear and system needs. MSU to purchase and keep one full set of maintenance spares, replacing as needed after PM service is complete. A detailed schedule of the inspections & services to be performed at specific intervals can be found below:



1875 Stout Drive
Warminster, PA 18974
USA

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	Interval (months)
Compressor	
Hydraulic System <ul style="list-style-type: none"> - Change Oil and Oil Filter - Inspect Oil Strainer - Inspect Process Inlet Filter (replace if needed) 	12
Process / Hydraulic System <ul style="list-style-type: none"> - Replace Diaphragms - Replace O-Ring Set (Process, Oil, Leak Detection) - Clean Process Check Valves (each stage, replace as needed) - Replace Oil Suction Check Valve - Replace Oil Relief Valve - Inspect Process Inlet Filter (replace if needed) - Inspect Crankcase (external oil leaks/bolt torque) - Inspect Compressor Oil Head, Injection Pump - Instrument functionality checks (gauges, switches, transmitters, etc.) 	12
-Drive belt inspection/tension adjustment, replacement as required	24

Cost:

Summary	
Initial Parts Cost	\$27,008.00
Maintenance Expense	\$1,800.00
Travel Costs (Travel time, travel expenses, living accommodations, etc.)	\$4,065.60
TOTAL	\$32,873.60

Payment Terms: TBD

Validity: This proposal is valid for a period of 3 months





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PDC JOB#1328-0711 PDC-4-100-500-150% SPARE PARTS

ITEMNO	QTY	PARTNO	PARTNAME	PRICE EACH	TOTAL PRICE
1ST STAGE PARTS					
1	1	DS-0491-471	DIAPHRAGM SET	\$ 2,095.00	\$2,095.00
2	1	P0010590-468	O-RING (OIL, BUNA)	\$495.00	\$495.00
		P0010589-479	O-RING (PROCESS, VITON)		
		P0010591-468	O-RING (LEAK DETECTION, BUNA)		
3	1	A0027476-479	SUCTION CHECK VALVE	\$2,495.00	\$2,495.00
4	1	A0027477-479	DISCHARGE CHECK VALVE	\$2,495.00	\$2,495.00
5	1	P0200077-00250	OIL RELIEF VALVE ASSM 1st STG PRIMARY 250 PSIG	\$1,200.00	\$1,200.00
6	1	P0200077-00400	OIL RELIEF VALVE ASSM 1st STG SECONDARY 400 PSIG	\$1,200.00	\$1,200.00
7	1	P0040056	OIL CHECK VALVE 232T-3PP	\$895.00	\$895.00
8	5	TBD	F-106, FILTER ELEMENT SS20-10-PV-316 X 5	\$1,495.00	\$7,475.00
2ND STAGE PARTS					
9	1	DS-0485-471	DIAPHRAGM SET	\$ 1,595.00	\$1,595.00
10	1	P0010582-479	O-RING (LEAK DETECTION, VITON)	\$495.00	\$495.00
	1	P0010580-468	O-RING (PROCESS, BUNA)		
	1	P0010581-468	O-RING (OIL, BUNA)		
11	1	A0027442-479	SUCTION CHECK VALVE	\$1,195.00	\$1,195.00
12	1	A0027443-479	DISCHARGE CHECK VALVE	\$1,195.00	\$1,195.00
13	1	B0010600	OIL RELIEF VALVE ASSM 2nd STG	\$1,150.00	\$1,150.00
14	1	A0011519	OIL CHECK VALVE	\$745.00	\$745.00
15	1	TBD	F-203, FILTER ELEMENT CA-818-70C	\$995.00	\$995.00
COMMON MAINTENANCE PARTS					
16	1	P0070002	OIL FILTER ELEMENT	\$98.00	\$98.00
17	2	PS-P0340005-5GL	5 GALLON PAIL OF OIL	\$295.00	\$590.00
18	3	P0110038	DRIVE V-BELT SET (QTY3 5VX1060)	\$200.00	\$600.00

\$
Total Parts: 27,008.00



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Contract Acceptance

SIGNATURE / DATE

Jarrold Eveland

Director, Technical Services and Customer Care
PDC MACHINES LLC

SIGNATURE / DATE

Name: _____

Title: _____

MSU



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