

# PURCHASE ORDER

TO: COLLICUTT ENERGY SERVICES LTD.  
 1600, 633-6th. AVENUE. S.W.  
 CALGARY, ALBERTA, T2P 2Y5

DATE: 2004-10-21

NO.: 778.13-004

REVISION #: 1 of 3

Quote above order numbering on all Invoices, Packages,  
 Packing Lists and Correspondence.

Invoice in Duplicate if not otherwise specified.

ATTENTION: BILL GIBB, Dir. 290-5124

SHIP TO: TO BE ADVISED

PROJECT: Chinchaga Pipeline  
 Expansion 2004/5

PHONE: 270-3355 / FAX 720-0788

AFE#: AF05055  
 ACCT#: 122-221

INVOICE:  
**PIONEER NATURAL RESOURCES  
 CANADA INC.**  
  
 "CONCISE DESIGN PROJECT"  
 2900, 255 - 5th AVENUE SW  
 CALGARY, ALBERTA, T2P 3G6

FILE: 4-778.13-4100  
 TERMS: NET 30 DAYS  
 FOB: RED DEER, AB.  
 Dwg's 1-2 Weeks, 9.  
 DELIVERY: 10 Weeks ARAD  
 VIA: T.B.A.  
 LSD: c-25-C / 94-H-8

ITEM	QUANTITY	DESCRIPTION MATERIAL/SERVICES	UNIT PRICE	PRICE
1	1	NEW WAUKESHA / SULLAIR ROTARY SCREW COMPRESSOR PACKAGE AS FOLLOWS:	\$ 367,680.00	\$ 367,680.00
		WAUKESHA F18GL (LCR) NATURAL GAS ENGINE AS DESCRIBED BELOW: - Number of Cylinders: Six - Bore and Stroke: 5.98" X 6.5" - Displacement, Total: 1096 CU. IN. - Type of Combustion: Turbo Charged - Operating Speed: 1500-1800 RPM - Horsepower at Site Conditions: 392 @ 1800 RPM		
		SULLAIR MODEL PDR25X OIL FLOODED ROTARY SCREW COMPRESSOR - Drive is direct, 1800 RPM to compressor input shaft. - Maximum allowable discharge pressure, 200 PSIG.		
		ACE (AIR COOLED CHANGERS) MODEL #J84		
		SKID & STORAGE TANK A heavy structural steel skid suitable for either, gravel pad, piles or concrete slab mounting		
		OIL MAKE UP TANK Clean oil storage as follows: - One 50 gallon make up tank c/w level sight glass, block valve, fill valve and tubing to level controller/shutdown on engine.		
		Scrubber Diameter Design Pressure Inlet Filter Separator 30.0" O.D. x 7.6' S/S 230 PSIG @ 120°F Lube Oil Separator 30.0" O.D. x 8.0' S/S 230 PSIG @ 300°F Fuel Gas Filter Separator 6.625" O.D. x 4.0' S/S 285 PSIG @ 120°F		
		ONE SUMMIT PLC ELECTRONIC PROTECTION AND CONTROL SYSTEM (SEE OPTION # 2) The system will be housed in a front access cabinet with lockable door and approximate dimensions of 24" wide x 36" high x 12 deep, CEMA 4, GSA approved All internal components will be easily accessible. Electronic protection and control system shall be a CTI Summit series PLC controller as follows: • (1) process controller, SCADA PACK • (1) operator interface, Cimrex 70 • (1) panel mounted red ESD push-button		
		Approx. 22.0' L x 14.0' W x 11.6' Eaves. SELF FRAMING METAL BUILDING (GABLE ROOF), INSULATED (SEE OPTION # 6) C/W - Two only 45,000 BTU Cata-Dyne heaters c/w 12 VDC starters and 25' starter cables. - 2 pressure regulators. - 2 thermostats. - 2 safety shut-off valves. - 2 manual block valves. - 2 protective grills		

		<p>PARTS MANUALS AND DRAWINGS</p> <p>A) Standard includes 1 hard copy manual &amp; 2 CD copies of manuals.</p> <ul style="list-style-type: none"> <li>• Weld procedures, welder qualifications</li> <li>• Hydro test charts</li> <li>• U1A forms</li> <li>• MTR's</li> <li>• Non-destructive examination reports</li> <li>• B.O.M.</li> <li>• Q.C. manual</li> <li>• Instrument manual</li> </ul>		
		<p>TERMS OF PAYMENT</p> <p>Net due upon receipt of invoice.</p> <p>35% Upon issue of IEA Drawings.</p> <p>20% Upon receipt of driver.</p> <p>20% Upon receipt of compressor.</p> <p>20% Upon receipt of cooler (unless shipped to site).</p> <p>5% Upon start-up (not to exceed 30 days from shipment).</p>		
		<p>OPTIONS:</p>		
1	1	To supply and install one Fisher Model #D4, 2"-300# ANSI 60% bypass pressure control valve, fail open, integral size 40 actuator c/w 2.0" 150# ANSI isolation block ball valves & panel mounted I/P transducer	\$ 4,095.00	\$ 4,095.00
2	1	To supply an Murphymatic TTDJ shutdown control panel Note: Panel would c/w Fisher 4150 pressure controller & auto/manual transfer station mounted at the panel for speed and compressor load control.	-\$ 3,750.00	\$ (3,750.00)
3	1	To supply and install one Fisher Model 1051-V200 8".150# ANSI suction pressure control valve c/w size 60 actuator, fail closed c/w Fisher 3610J positioner & panel mounted I/P transducer.	\$ 12,350.00	\$ 12,350.00
4	1	To supply and install one 40 amp, 24 Vdc, generator Class 1, Division 2, Zone 2, Group C & D, mounted off front end of engine, c/w 100 amp hr. battery box Class 1, Division 2, Zone 2, Group C & D, with two 12 volt deep cycle batteries and low voltage shut down, 24 Vdc junction box mounted outside of building, capable of powering gas detection and building lighting	\$ 6,895.00	\$ 6,895.00
5	1	To supply and install an oil pump on the compressor lube oil system	INCLUDED	
6	1	To supply and install one 3-Ton maintenance crane c/w hoist and trolley which would include increasing the skid & building to approximately 22'L x 14'W x 13'-6"H	\$ 7,890.00	\$ 7,890.00
7	1	To supply and install one ESD 24 Vdc X.P. push button at one man door and building fire loop with pressure switch all wired to control panel	\$ 3,520.00	\$ 3,520.00
8	1	To supply and install automatic louvers on NC gas section including Garzo actuator, Kimray temperature controller, tubing & to install removable bug screens on cooler face	\$ 2,680.00	\$ 2,680.00
10	1	To supply and install ice rakes, door canopy's on the quoted building	\$ 875.00	\$ 875.00
11	1	To supply underside of skid with 2.0" of urethane spray foam insulation	\$ 1,410.00	\$ 1,410.00
12	1	To supply and install an 1.0" NPT Fisher D2, fail open auto blow down valve, parallel with the manual blow down valve including isolation ball valves, and piped to the flare header c/w locally mounted 24 Vdc solenoid and wiring to control panel .	\$ 1,740.00	\$ 1,740.00
13	1	To supply and install an waste oil drain tank c/w drain piping from engine drain valve, 1-1/2" pump out and vent pipe	\$ 1,075.00	\$ 1,075.00
		REF: COLLICUTT PROPOSAL# QC-04090607 d/d 2004-09-30		\$ -
				\$ -
		<b>TAG: PIONEER-CHINCHAGA c-25-C / 94-H-8 COMPRESSOR PACKAGE</b>		\$ -
				\$ -
		PIONEER NATURAL RESOURCES CANADA INC WILL SELF-ASSESS THE B.C. PST @ 7.5% AND REMIT PAYMENT TO THE BC GOVERNMENT DIRECTLY WHERE APPLICABLE BC PST EXEMPTION REGISTRATION # R008523		\$ -
				\$ -
				\$ -
				\$ -
		CONFIRMING ORDER TO BILL GIBB 2004-10-21		\$ -

ACCEPTANCE OF THIS ORDER IMPLIES ACCEPTANCE OF THE FOLLOWING:

1. PO# MUST APPEAR ON ALL INVOICES, BILLS OF LADING, PACKING SLIPS AND CORRESPONDENCE.
2. FORWARD INVOICES, CORRESPONDENCE AND BILLS OF LADING TO THE ABOVE ADDRESS.
3. ATTACH RECEIPTED EXPENSE BILL FOR ALL PREPARE TRANSPORTATION CHARGES.
4. NO BACK ORDERS, SUBSTITUTES OR EXCHANGES ARE TO BE MADE WITHOUT PROPER AUTHORIZATION.
5. THIS ORDER IS TO BE ENTERED FOR BEST POSSIBLE DELIVERY, FROM THE DATE OF ORDER UNLESS OTHERWISE SPECIFIED.
6. ACCEPTANCE OF GOODS AS APPLIES TO THIS ORDER IS SUBJECT TO INSPECTION BY OUR COMPANY.
7. CONCISE DESIGN IS ACTING AS AGENT FOR THE COMPANY NAMED ABOVE.
8. THE VENDOR WARRANTS THAT ALL EQUIPMENT BEING SUPPLIED TO THE COMPANY ABOVE IS FREE AND CLEAR OF ANY PATENT INFRINGEMENTS. THE VENDOR SHALL INDEMNIFY CONCISE DESIGN AND THE COMPANY ANY DAMAGES THAT MAY RESULT FROM ANY PATENT INFRINGEMENTS RELATING TO ANY EQUIPMENT SUPPLIED TO THE COMPANY BY THE VENDOR.
9. DIRECT ALL INQUIRIES TO: CONCISE DESIGN, 300, 736 - 6th AVENUE SW, CALGARY, AB T2P 3T7  
PHONE: (403) 237-7160 FAX: (403) 237-7166

Subtotal	\$	406,460.00
PST		N/A
GST	\$	28,452.20
Other	\$	-
<b>Total</b>	<b>\$</b>	<b>434,912.20</b>

AUTHORIZATION: TODD DILLSBOUGH
DATE: 2004-10-20
ORDER CONFIRMATION: E-MAIL 2004-10-21 PICK UP 2004-10-22
PURCHASING AGENT: RON RANSON
REQUESTED BY: DOUG LONGSON TAMMY WONG

# PURCHASE ORDER

TO: COLLICUTT ENERGY SERVICES LTD.  
1600, 633-6th. AVENUE. S.W.  
CALGARY, ALBERTA, T2P 2Y5

DATE: 2004-12-09

NO.: **778.13-004**

REVISION #: **1**

PAGE **1**

Quote above order numbering on all Invoices, Packages,

Packing Lists and Correspondence.

Invoice in Duplicate if not otherwise specified.

ATTENTION: BILL GIBB, Dir. 290-5124

SHIP TO:  
 TO BE ADVISED

PROJECT: Chinchaga Pipeline  
 Expansion 2004/5

AFE#: AF05055

REQ#: 122-221

PHONE:270-3355 / FAX 720-0788

**INVOICE:**  
**PIONEER NATURAL RESOURCES  
 CANADA INC.**  
 "CONCISE DESIGN PROJECT"  
 2900, 255 - 5th AVENUE SW  
 CALGARY, ALBERTA, T2P 3G6

FILE: 4-778.13-4100

TERMS: NET 30 DAYS

FOB: RED DEER, AB.

DELIVERY: AS PER ORIGINAL PO

VIA: T.B.A.

LSD: c-25-C / 94-H-8

ITEM	QUANTITY	DESCRIPTION MATERIAL/SERVICES	UNIT PRICE	PRICE
ADDITIONS TO THE ORIGINAL PURCHASE ORDER:				
14	1	Supply alternate fuel start gas supply from discharge and suction. Plus two skid edge connections for start gas and fuel gas.	\$ 4,275.00	\$ 4,275.00
15	1	Upgrade to Swagelok fittings from Hyllok.	\$ 800.00	\$ 800.00
17	1	(2) 2506 controllers In union with (1) 4150 to provide a split range capability. Cost adder to provide (2) 2506 and (1) 4150 would be \$8,587.50 minus the \$1,700.00 I/P deduct = \$6,387,50 cost adder.	\$ 6,887.50	\$ 6,887.50
		REF: COLLICUTT Document: FN411 Adder spread sheet Rev.2 As per change order C04858 d/d 2004-12-07		
		<b>TAG: PIONEER-CHINCHAGA c-25-C / 94-H-8 COMPRESSOR PACKAGE</b>		
		PIONEER NATURAL RESOURCES CANADA INC WILL SELF-ASSESS THE B.C. PST @ 7% AND REMIT PAYMENT TO THE BC GOVERNMENT DIRECTLY WHERE APPLICABLE BC PST EXEMPTION REGISTRATION # R008523		
		CONFIRMING ORDER TO BILL GIBB 2004-12-09		

ACCEPTANCE OF THIS ORDER IMPLIES ACCEPTANCE OF THE FOLLOWING:

- PO# MUST APPEAR ON ALL INVOICES, BILLS OF LADING, PACKING SLIPS AND CORRESPONDENCE.
- FORWARD INVOICES, CORRESPONDENCE AND BILLS OF LADING TO THE ABOVE ADDRESS.
- ATTACH RECEIPTED EXPENSE BILL FOR ALL PREPARE TRANSPORTATION CHARGES.
- NO BACK ORDERS, SUBSTITUTES OR EXCHANGES ARE TO BE MADE WITHOUT PROPER AUTHORIZATION.
- THIS ORDER IS TO BE ENTERED FOR BEST POSSIBLE DELIVERY, FROM THE DATE OF ORDER UNLESS OTHERWISE SPECIFIED.
- ACCEPTANCE OF GOODS AS APPLIES TO THIS ORDER IS SUBJECT TO INSPECTION BY OUR COMPANY.
- CONCISE DESIGN IS ACTING AS AGENT FOR THE COMPANY NAMED ABOVE.
- THE VENDOR WARRANTS THAT ALL EQUIPMENT BEING SUPPLIED TO THE COMPANY ABOVE IS FREE AND CLEAR OF ANY PATENT INFRINGEMENTS. THE VENDOR SHALL INDEMNIFY CONCISE DESIGN AND THE COMPANY ANY DAMAGES THAT MAY RESULT FROM ANY PATENT INFRINGEMENTS RELATING TO ANY EQUIPMENT SUPPLIED TO THE COMPANY BY THE VENDOR.
- DIRECT ALL INQUIRIES TO: CONCISE DESIGN, 300, 736 - 6th AVENUE SW, CALGARY, AB T2P 3T7  
 PHONE: (403) 237-7160 FAX: (403) 237-7166

Subtotal	\$ 11,962.50
Previous Sub-total W/O GST & PST	\$ 406,460.00
Revised Sub-Total	\$ 418,422.50
Revised BC PST @ 7% (est)	N/A
Revised GST @ 7%	\$ 29,289.58
Other	\$ -
<b>Total</b>	<b>\$ 447,712.08</b>

**AUTHORIZATION:**  
 JEFF WALLACE  
 DATE:2004-12-08 E-MAIL  
 ORDER CONFIRMATION:  
 "E" & MAILED 2004-12-09

**PURCHASING AGENT:**  
 RON RANSON

**REQUESTED BY:**  
 DOUG LONGSON  
 TAMMY WONG