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## PURCHASE ORDER

Client:	Canadian Natural Resources Limited		
Project Name:	Umbach Compressor Station Upgrade		
Project No:	201-09-00	Revision:	Rev H
Legal Site Description:	c-18-F/94-H-3		
A.F.E.:	FC111257		
Effective Date:	Friday, December 14, 2012		

Canadian Natural Resources Limited  
 c/o EQUINOX ENGINEERING LTD.  
 10th Floor, 909 - 5th Avenue SW  
 Calgary, Alberta  
 Canada T2P 3G5

Purchase Order: 201-09-00 - 0001

Revision: 0  
 Committed Date:

Client A.F.E #: FC111257

Authorized By: Sterling Street	Ordered By: Amanda Zeleny	Requisitioned By: Jasneet Minhas	Terms: Net 30 days
To: Tank Life Cradles Ltd. Address: 2032 Crocus Rd. NW Calgary AB CAN T2L 0Z8 Attention: Ted Crozier Telephone: 403-269-5525 facsimile: Email: ted.crozier@tanklife.com	Ship To: Please contact Amanda Zeleny@ 403-298-9344 for shipping instructions  Via:		
Quotation #: TEC-1220.1 Issue Date: December 14, 2012	R.T.S. Date: February 01, 2013 IncoTerm: FCA: Kathym, AB		

Item	Tag No.	Client Code	Internal Code	Description	Units	Price	UOM	Cost	Rev
1	0	24080	24080	HIGH PRESSURE FLARE KNOCKOUT DRUM IN ACCORDANCE WITH THE ATTACHED DATASHEETS (DS-C-400-F-1-00), OTHER DOCUMENTS AS LISTED IN LOTA (LT-C-400-F-01-00), AND VENDOR QUOTE # TEC-1220.1	1				
2	0	24080	24080	HYDROTEST TO 50 PSIG	1				
3	0	24080	24080	3" 150# INTERSTITIAL JACKETED VACUUM RISER W/ NEOPRENE GASKET. SET OF 3" 150# UNDERGROUND BOLT-UP 4 - 5/8" X 3.5" STUDS / 8 HEX NUTS	1				
4	0	24080	24080	8" DIAMETER 150# RF T321SS FLEX CONNECTORS FLANGED INLET END	1				
5	0	24080	24080	ADDER FOR OUTLET NOZZLE SIZE CHANGE FROM 8" TO 10" DIAMETER.	1				
6	0	24080	24080	10" DIAMETER 150# RF T321SS FLEX CONNECTORS FLANGED OUTLET END	1				
7	0	24080	24080	3" 150# PUMPOUT RISER W/ FLEXATALLIC GASKET, SET OF 3" 150# UNDERGROUND BOLT-UP 4 - 5/8" X 3.5" STUDS / 8 HEX NUTS	1				
8	0	24080	24080	4" 150# LEVEL GAUGEBOARD RISER W/FLEXATALLIC GASKET, SET OF 4" 150# UNDERGROUND BOLT-UP 8 - 5/8" X 3.5" STUDS / 16 HEX NUTS	1				
9	0	24080	24080	4" 150# SPARE RISER, SET OF 4" 150# UNDERGROUND BOLT-UP 8 - 5/8" X 3.5" STUDS / 16 HEX NUTS	1				
10	0	24080	24080	6" 150# BURST RISER, SET OF 6" 150# UNDERGROUND BOLT-UP 10 - 5/8" X 3.5" STUDS / 16 HEX NUTS	1				
11	0	24080	24080	TGS 5020 GAUGE KITS W/ 4" FLANGE MOUNT W/ FLEXATALLIC GASKET, SET OF 4" 150# SURFACE BOLT-UP 8 - 5/8" X 3.5" STUDS / 16 HEX NUTS	1				

Manager: Sterling Street

Print Date: 12/14/2012

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Project Name:	Umbach Compressor Station Upgrade		
Project No:	201-09-00	Revision:	Rev H
Legal Site Description:	c-18-F/54-H-3		
A.F.E.:	FC111257		
Effective Date:	Friday, December 14, 2012		

Item	Tag No.	Client Code	Internal Code	Description	Units	Price	UOM	Cost	Rev
12	0	24080	24080	AT200 LEVEL TRANSMITTER FOR A 6FT TGS 5020 LEVEL BOARD C/W HART PROTOCOL & LOCAL DISPLAY	1				
13	0	24080	24080	PUMP-OUT ENVIRO BOX FOR 3" CONNECTION W/ 3" SS BALL VALVE & CAMLOCK ADAPTER W/ COVER	1				
14	0	24080	24080	LATCHING PROXIMITY SWITCHES C/W MOUNTING BRACKETS	1				
15	0	24080	24080	DEVOE 253 INTERNAL COATING ON ALL STL RISERS SHOWN ABOVE	1				
16	0	24080	24080	DEVOE 253 INTERNAL COATING ON STL NOZZLES ON ABOVE SHOWN FKD	1				
17	0	24080	24080	UNDERGROUND PILE MOUNT SKID FRAME FOR POOR GROUND CONDITIONS	1				
18	0	24080	24080	TRUCK LOADING BY TANK-LIFE (28,000 LBS)	1				
19	0	24080	24080	LOW PRESSURE FLARE KNOCKOUT DRUM IN ACCORDANCE WITH THE ATTACHED DATASHEETS (DS-C-400-F-2-00), OTHER DOCUMENTS AS LISTED IN LOTA (LT-C-400-F-01-00), AND VENDOR QUOTE # TEC-1220.1	1				
20	0	24080	24080	HYDROTEST TO 50 PSIG	1				
21	0	24080	24080	3" 150# INTERSTITIAL JACKETED VACUUM RISER W/ NEOPRENE GASKET, SET OF 3" 150# UNDERGROUND BOLT-UP 4 - 5/8" X 3.5" STUDS / 8 HEX NUTS	1				
22	0	24080	24080	8" DIAMETER 150# RF T321SS FLEX CONNECTORS FLANGED BOTH ENDS	2				
23	0	24080	24080	3" 150# PUMPOUT RISER W/ FLEXATALLIC GASKET, SET OF 3" 150# UNDERGROUND BOLT-UP 4 - 5/8" X 3.5" STUDS / 8 HEX NUTS	1				
24	0	24080	24080	4" 150# LEVEL GAUGEBOARD RISER W/ FLEXATALLIC GASKET, SET OF 4" 150# UNDERGROUND BOLT-UP 8 - 5/8" X 3.5" STUDS / 16 HEX NUTS	1				
25	0	24080	24080	4" 150# SPARE RISER, SET OF 4" 150# UNDERGROUND BOLT-UP 8 - 5/8" X 3.5" STUDS / 16 HEX NUTS	1				
26	0	24080	24080	6" 150# BURST RISER, SET OF 6" 150# UNDERGROUND BOLT-UP 10 - 5/8" X 3.5" STUDS / 16 HEX NUTS	1				
27	0	24080	24080	TGS 5020 GAUGE KITS W/ 4" FLANGE MOUNT W/ FLEXATALLIC GASKET, SET OF 4" 150# SURFACE BOLT-UP 8 - 5/8" X 3.5" STUDS / 16 HEX NUTS	1				
28	0	24080	24080	AT200 LEVEL TRANSMITTER FOR A 6FT TGS 5020 LEVEL BOARD C/W HART PROTOCOL & LOCAL DISPLAY	1				
29	0	24080	24080	PUMP-OUT ENVIRO BOX FOR 3" CONNECTION W/ 3" SS BALL VALVE & CAMLOCK ADAPTER W/ COVER	1				
30	0	24080	24080	LATCHING PROXIMITY SWITCHES C/W MOUNTING BRACKETS	1				
31	0	24080	24080	DEVOE 253 INTERNAL COATING ON ALL STL RISERS SHOWN ABOVE	1				
32	0	24080	24080	DEVOE 253 INTERNAL COATING ON STL NOZZLES ON ABOVE SHOWN FKD	1				
33	0	24080	24080	UNDERGROUND PILE MOUNT SKID FRAME FOR POOR GROUND CONDITIONS	1				
34	0	24080	24080	TRUCK LOADING BY TANK-LIFE (28,000 LBS)	1				
<b>Total lump sum price (excluding all taxes)</b>								<b>\$108,044.00</b>	<b>CAD</b>

Manager: Sterling Street

Print Date: 12/14/2012

EQUINOX ENGINEERING LTD.

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# Tank-Life™ Cradles Ltd.

A subsidiary of the challenging, committed and responsible energy storage tanks

Ph: (403) 269-8525 web: www.tanklife.com  
 Fax: (403) 269-8526 e-mail: ted.crozier@tanklife.com  
 2032 Crocus Road N.W., Calgary, Alberta, Canada T2L 0Z9

## QUOTE

Sales name: Ted Crozier  
 No.: TEC-1220 1  
 Date: 14-Dec-12  
 Page: 1 of 1  
 Delivery: Stock to 8 weeks  
 After Dwg. Approval

Bid To: CNRL  
 c/o Equinox Engineering  
 Calgary, Alta

Ship To: Hold for Pick Up Tank-Life Yard, Kathym  
 Project: Umbach Compressor Station Upgrade-CNRL  
 LSD: o-18-F94-H-3  
 RFQ#: 210-09-0001HP & LP FKOD'S  
 Service# Sour LP & HP FKOD ALTERNATE QUOTE

Attn: Amanda Zeleny  
 Business No.: 867529968

Ph# 208-9344  
 e-mail: a.zeleny@cnrl.com

GST Number: 867529968

Item	Quantity	Description: 100 BBL Belowground FKO 14.9 psi design Alternate HP & LP FKO	Unit Price	Amount
1	2	Unit-FKO 100 BBL Re-usable Double Wall Fiberglass Tank and Cradle Below-ground P86DW 100 BBL Fiberglass ZCL FKO Tank 8'Dia. 1 - 8" 150# RFWN Dome Inlet w/ FRP Deflector 1 - 8" 150# RFWN Dome Outlet w/ FRP Deflector 1 - 4" 150# RFWN Spare/pump Flange 1 - 8" 150# RFWN Burst Head Flange 1 - 4" 150# RFWN Flange w/ 4" PVC Slotted Stillwell 1 - 3" 150# RFWN Flange w/ 3" PVC Stinger 1 - 3" 150# FF Fiberglass Interstitial Monitor w/ Vacuum Gauge Assembly (double wall) All nozzles are supported by galvanized beams or galvanized angle for full support Galvanized steel exterior for pre-installed system As per drawing 100-8-BG-FKO-TLC3		
1a	2	Hydrotest to 50 psig		
2	2	3" 150# Interstitial Jacketed Vacuum Riser w/ Neoprene Gasket Set of 3" 150# Underground Bolt-Up 4 - 5/8" x 3.5" Studs / 8 Hex Nuts		
3	3	8" diameter x 36" long 150# RF T321SS Flex connectors flanged both ends		
4	1	10" diameter x 36" long 150# RF T321SS Flex connectors flanged both ends		
		Optional accessories		
5	1	Ship one 100bbl FKO (HP) to Edmonton to have the following modifications done Remove 8" RFWN Flange (Flare) from existing FKO and replace with 16" RFWN Flange Rateel FKO and ship back to Tank Life Cradles yard and complete packaging (4-6 weeks after drawing approval)		
6	2	3" 150# Pumpout Riser w/ Flexatalic Gasket Set of 3" 150# Underground Bolt-Up 4 - 5/8" x 3.5" Studs / 8 Hex Nuts		
7	2	4" 150# Level Gaugeboard Riser w/Flexatalic Gasket, Set of 4" 150# Underground Bolt-Up 8 - 5/8" x 3.5" Studs / 16 Hex Nuts		
8	2	4" 150# Spare Riser, Set of 4" 150# Underground Bolt-Up 8 - 5/8" x 3.5" Studs / 16 Hex Nuts		
9	2	6" 150# Burst Riser, Set of 6" 150# Underground Bolt-Up 10 - 5/8" x 3.5" Studs / 16 Hex Nuts		
10	2	TGS 5020 Gauge Kits w/ 4" Flange Mount w/ Flexatalic Gasket Set of 4" 150# Surface Bolt-Up 8 - 5/8" x 3.5" Studs / 16 Hex Nuts		
10a	2	4" 150# Flange Mount for TGS 800 w/ Nuts and Bolts		
10b	2	AT200 level transmitter for a 8R TGS 5020 level board c/w hart protocol & local display (delivery 6-8 weeks if no stock available)		
11	1	Pump-Out Enviro Box for 3" Connection w/ 3" Clipgate & Camlock Adapter w/ cover		
or 11a	2	Pump-Out Enviro Box for 3" Connection w/ 3" SS Ball Valve & Camlock Adapter w/ cover		
12	4	Latching proximity switches c/w mounting brackets		
13	2	Devco 253 Internal coating on all STL risers shown above (1-week delivery)		
14	2	Devco 253 Internal coating on STL nozzles on above shown FKO (1-week delivery)		
15	2	SMR-Tek 4vlt-4 pump, 2 HP exproof electric motor 2 phase 230/460 Vac 20 USGM, 60-80 FT-TDM, 64" Below flange face (2-4 weeks delivery)		
16	2	Underground pile mount skid frame for poor ground conditions		
17	2	Truck Loading by Tank-Life (28 000 lbs)		

Comments  
 Accounts due 30 days from Invoice date.  
 FOB :Tank-Life Yard, Kathym, Alberta

Subtotal  
 GST @5%