



ALCRO ELECTRIC LTD.
MODULAR WIRING SPECIALISTS

121, 18 Highland Park Way NE
Airdrie, AB T4A 0R1
P. 587-254-1417 F. 587-254-1416
www.alcro.ca

Quotation: Q23-5408 Rev1

Jan 17, 2023

Canadian Natural
Suite 2100,855 – 2nd street SW
Calgary, Alberta T2P 4J8

Attn: Nick Beck

Re: Smith Oil VRU E-House.

We appreciate this opportunity to provide you with our Budgetary Estimation for the above package. All work performed will be in accordance with the drawings and specifications issued us. Any exceptions or clarifications will be listed below:

Structural Steel Skid:

- 1 @ 13' Wide x 13' Long Structural Steel Skid c/w
 - 1/4" Smooth Plate Flooring c/w Non-Slip Grit.
 - Four (4) Removable Lifting Lugs c/w 100% MPI Testing for the Lugs (Lug Material to be 350WT)
 - CNRL Standard SP6 Surface Preparation c/w One (1) Coat of Epoxy Primer and One (1) Coat of Aliphatic Urethane Top Coat
 - Color TBD
 - Provide floor openings and aluminum gland plates under 480V panel, 120/208V panel and RTU panel.
 - 2" Class one fire retardant spray foam insulation applied to the Skid Underside
 - MPI is 100% Visual, 100% UT on All Splices and Full Pens and 10% MPI on Fillets
 - Approval and Fabrication Drawings c/w P.Eng. Stamp Included
 - Engineered Pile Reactions and Lift Study c/w 2D Center of Gravity Calculation and Drawing
 - Structural Steel Skid Weight: Approximately 14,000 Lbs.

Self-Framing Steel Building:

- 1 @ 13' Wide x 13' Long x 11'6" Eave, Gable Style Self-Framing Steel Building (4:12 Slope) c/w
 - 22 Ga. Pre-Painted Steel Self-Framing Wall and Roof (QC8273 Bone White)
 - 22 Ga. Pre-Painted Steel Flashings and Trim (QC8790 Royal Blue)



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- R12 (3'') Standard Batt Insulation in the Walls and R20 (6'') Standard Batt Insulation in the Roof
- 24 Ga. Fluted White Steel Liner.
- 6 Mil. Poly Vapor Barrier
- Thermal Break for the Wall and Roof Ribs
- 1 @ 16 Ga. 6'0" x 7'0" R4 Insulated Hollow Core Double Door c/w 16 Ga. Double Door Frame, Hydraulic Closer, Check Chain, Two (2) 24" x 24" Double Glazed IWG Glass Windows, Barrel Bolts, Dorex Panic Hardware, Weather Stripping, Sweeps & Threshold
- 1 @ 18 Ga. 6'0" Wide x 12" High R4 Insulated Removable Double Door Transom Panel c/w Pull Handles and Barrel Bolts
- 1 @ 18 Ga. Double Door Canopy
- 2 @ 13'0" Full Length 22 Ga. Eaves Trough c/w Gutters, Downspouts and Elbows
- 2 @ 13'0" Full Length Angle Iron Ice Rakes
- 2 @ Engineered Fall Protection Clips
- Structural Sway Braces for Gravitational Stability Included
- P. Eng. Stamped Drawings and Certificate of Design and Manufacturing in Conformance with the NBC, 2019 Included
- Engineered Building Schedules A2, B1, B2 and C2
- Self-Framing Steel Building Weight: Approximately 12,000 Lbs.

Electrical:

- Provide and install one 7.5HP Air Compressor c/w Dryer. Provides 20cfm @ 100psi at skid edge.
- Provide and ship only 50KW, 480 Volt, 60Hz Outdoor Stationary Load Bank c/w Remote Control Panel, comes with ten 5KW auto increments & four manual Increments (5KW, 10KW, 14KW, 20KW).
- Provide and install one 225A, 480/277VAC, 42cct Distribution Panel.
- Provide and install 10x10 wireways above and below 480V panel.
- Provide and install one 60HP Nema 1 VFD, c/w line and load reactors.
- Provide and install one 5HP Nema 1 Starter.
- Provide and install one 15KW unit heaters.
- Provide and wire one Hammond 45kVA 480-120/208V transformer.
- Provide and install one 225A, 120/208VAC, 60cct Distribution Panel.
- Provide and install 10x10 wireways above and below 120/208V panel.
- Provide and install Contactor Panel.
- Provide and wire four LED interior fixtures c/w switch at door.
- Provide and wire two receptacles.
- Provide and wire one emergency lights.

None of the
"Electrical" is
included. All this
equipment is
available by
request.