

FORM "E" ELECTRICAL SUBTRADE LIST

CONTRACTOR

PROJECT: MIDNIGHT SUN LIFT STATION

Electrical contractors are to complete the following subtrade list and include a copy of it within the main envelope submitted through the Bid Depository. The list represents the Contractor and subcontractors that will be used to complete various portions of the Electrical work on the project.

All Divisions and sections taken from Tender Specification Documents.

Each line is to be filled out with either the name of the Contractor or subcontractor to be used, or with an N/A (not applicable).

At the bottom of form E is the list of exclusions that are not the responsibility of the electrical contractor. The work or services excluded below only apply for the purposes of the Bid Depository process, and do NOT apply to the procurement by the Owner. General Contractors are still solely responsible for and must include the full cost and price of such work or services into its Bid or Proposal for the Owner.

TABLE "A"

	Name of Contractor	Subcontractor	Own Forces (if contractor will also be General Contractor. Indicate all employees of General Contractor who will be performing work with their corresponding certification number)
DIVISION 26 - ELECTRICAL			
26 05 00 - Common Work Results for Electrical			
26 05 04 - Field Inspection and Testing			
26 05 21 - Wires and Cables (0-1000 V)			
26 05 28 - Grounding - Secondary			
26 05 29 - Hangers and Supports for Electrical Systems			
26 05 31 - Splitters, Junction, Pull Boxes and Cabinets			

26 05 34 - Conduits, Conduit Fastenings and Conduit Fittings			
26 09 11 - Contactors			
26 09 23.01 - Metering and Switchboard Instruments			
26 12 16 - Dry Type Transformers up to 600 V Primary			
26 24 16 - Panelboards			
26 24 19 - Motor Control Centres			
26 27 20 - Process Instrumentation			
26 28 16 - Moulded Case Circuit Breakers			
26 29 10 - Motor Starters to 600 V			
26 29 23 - Variable Frequency Drive Equipment			
26 32 13.05 - Diesel Electric Generating Units			
26 35 27 - Active Harmonic Filter			
26 36 23 - Automatic Transfer Switches			
26 51 19 - Lighting			
26 52 00 - Emergency Lighting			
26 52 13 - Exit Lights			
26 60 10 - PLC & Control Panels			

DIVISION 27 - COMMUNICATIONS			
27 05 13 - Communications Services			
DIVISION 28 – ELECTRONIC SAFETY AND SECURITY			
28 31 00 - Intrusion Detection			
Blanks for any section or subsection not listed from the above.			

COMMON EXCLUSIONS FOR ALL TRADE SECTIONS AND DIVISIONS

- temporary power, heat, water, sanitation, barriers
- heating and hoarding
- onsite first aid
- final cleaning
- initial removal of snow and ice
- fees or cash allowances for service connections unless specified in the trade section
- on site security, if specified
- testing unless specified in the trade section
- provision of gridlines and benchmarks on each level
- repairs to damage by others after completion and acceptance of the work
- temporary lighting unless specifically detailed on the electrical drawings that are part of the *Bid* for Division 2 work
- provision of garbage/refuse/recyclable containers and their removal (including disposal fees), except the *Trade Contractor* shall be responsible for removal from the site of demolition materials, hazardous materials and drywall
- cost for a reasonable number of copies of all *Project Documents* where not provided by the *Owner*
- temporary dust control and/or ventilation systems required as a project specified environmental condition for the entire project. Note: where it is a requirement to meet the needs of one specific *Trade Contractor* and specified thus, then that *Trade Contractor* shall be responsible to include for the cost of this work.

DIVISION 1 – ELECTRICAL (and related Sections/Divisions)

- control wiring unless specified in this section
- all civil concrete, excavation or backfill work including shoring and bedding
- cast iron covers for pull pits
- precast and/or cast in place concrete products such as pullboxes
- duct drainage and associated backwater valves
- backing
- painting unless specified in this section
- painting also specified in Section 9900 Painting
- fire related drywall enclosures for panelboard and light fixtures
- cutting, patching or unless due to error by this trade
- seismic restraint, seismic restraint design, approvals or seals unless specified in this section
- temporary lighting
- x-rays for cutting, patching unless due to error by this trade