



# SOUTHEAST ISLAND SCHOOL DISTRICT

P.O. Box 19569, 1010 Sandy Beach Road Thorne Bay, Alaska 99919  
(907) 828-8254 Fax: (907) 828-8257 E-mail: [sisd@sisd.org](mailto:sisd@sisd.org)

May 9, 2018

## REQUEST FOR BIDS – 2<sup>nd</sup> Release Thorne Bay School Mechanical/Welding Shop

**Location:** Thorne Bay School, 1010 Sandy Beach Road, Thorne Bay, AK.

### Scope of Work:

Unless otherwise noted, bidder shall supply all materials needed to complete scope of work.

- Install a 100 amp, 3-phase, I-line breaker in Thorne Bay School MDP.
- Install panel MP, a 100-amp, 3-phase, 30 circuit, NQOB.
- Install Square D panel board in Mechanical Shop room, located where indicated on Electrical Drawing.
- Install 1¼" EMT conduit between the MDP and the new panel MP.
- Install four (4) #2 XHHW conductors and one (1) #6 ground in the 1¼" branch feeder conduit.
- In the mechanical shop room, install the following as located on the electrical drawing (figure 1):
  - Two (2) each: 50 amp, 1-phase, 3 wire receptacles
  - Four (4) each: 30 amp, 1-phase, 3 wire receptacles
- In panel MP, install:
  - Two (2) each: 50 amp, 2-pole breakers
  - Four (4) each: 30 amp 2-pole bolt-on breakers

### Specifications.

- All conduits shall be EMT with compression steel grade fittings. Exception: short runs for flexibility or fixtures may be liquid tight in wet or damp areas and MC cable in dry locations.
- Underground conduits may be of schedule 40 PVC. Conduits sweeping out of the ground shall be GRC conduit.
- All fittings and strut shall be hot dip galvanized. Hardware such as Spring nuts and cap screws shall be stainless steel or hot dip galvanized.
- All junction boxes shall be three (3) R-rated.
- All conduits shall be recessed into walls except in locations where they must be surface mounted.
- All conduit shall be in ceiling or surface mounted. Note: all receptacles are dedicated and are not to be combined with other receptacles on the same circuit.
- Foursquare or 4<sup>11/16</sup>" boxes may be used where moisture is not an issue.
- All damp or wet locations shall use weatherproof boxes (example: Bell, Red Dot or FS).

- Install all receptacles in surface mount 4<sup>11/16</sup>" deep boxes with industrial receptacle covers.
- All wire shall be of XHHW stranded copper.
- All General use receptacles and outside receptacles shall be GFCI rated.
- Dedicated receptacles may be installed without GFCI protection. All conductors shall be labeled, color-coded and their usage identified.

### **Legal**

- Bidders must have Alaska Business license and appropriate Alaska Professional licensing, insurance, and bonding. For more information about Alaska licensing requirements, contact the AK Division of Corporations, Business, and Professional Licensing at 907-465-2550 or online at: <https://www.commerce.alaska.gov/web/cbpl/>
- All electricians and electrical apprentices shall be licensed by the State of Alaska and shall furnish evidence of this license upon request by SISD supervisors.
- All work shall be supervised and inspected by a person holding a current Alaska Electrical Administrator License.
- All work shall be in accordance to the current National Electrical Code.

### **Site**

All bidders are encouraged to schedule a site visit with project supervisor, Nick Higson (907-370-3620). All questions concerning this project may be directed to Nick Higson or the Southeast Island School District office (907-828-8254).

### **Bids must be place in sealed envelope and include:**

- Pricing for project including any travel expenses
- Timeline for completing project by June 15, 2018
- References for work of a similar nature
- Name of business and contact information
- Business license number
- Professional licensing information
- Insurance and bonding information

### **Submit SEALED Bids via mail, courier, or hand-delivery to:**

Southeast Island School District Office  
 Attn: TB School Mechanical Shop Project – Sealed Bid  
 P.O. Box 19569  
 1010 Sandy Beach Road  
 Thorne Bay, AK 99919

Bids will remain sealed until the deadline to receive bids has passed.

### **Bids must be received by close of business on May 22, 2018**

Figure 1: Thorne Bay School Mechanical Shop Electrical Drawing

