

## **BID DIVISION HFH – 26A: ELECTRICAL**

SUBMIT PROPOSAL TO: HFH of Douglas County, Minnesota, Inc.  
1211 N Nokomis NE, Alexandria, MN 56308

FOR: **Construction of Habitat for Humanity Homes**

EXCLUDED: 1. Dumpsters

INCLUDED: Provide all labor, materials, equipment, and site supervision to complete the electrical work as shown and specified, including but not limited to the following technical specification sections: 26 05 00

ALSO INCLUDED:

1. Temporary power
2. State Electrical Permit and inspections
3. Functioning systems upon the completion of construction
4. Final connections to Owner-provided fixtures and equipment
5. Layout of all work
6. Boiler and Ventilation System controls wiring
7. Overhead Garage Door control wiring
8. Rocker style switches
9. Compliance with all applicable Electrical Codes
10. Complete panel labeling
11. Provide door chimes and smoke detectors
12. Cutting and patching as required for electrical openings
13. Verify existing site conditions
14. Coordination with other trades
15. This project is managed by Habitat. All contractors on this project are considered prime contractors. Coordination between trades and volunteers is to be considered part of this work scope.

### **SECTION 26 05 00**

#### **SCOPE OF WORK**

Furnish and install a complete electrical service to include, but not restricted to all electrical wiring and associated materials, fixtures, switches, controls, circuit breakers and devices needed to meet all applicable codes and inspection requirements and in accordance with code requirements, applicable notations on drawing and other requirements noted as follows:

- Supply a temporary electrical service as needed during construction
- Assume a trenching allowance of 100' for service cable

Exceptions to "all materials":

- Habitat will furnish 200 amp 28 space entrance panel with main breaker, circuit breakers for the 28 spaces in the box
- Habitat will provide all interior and exterior lighting fixtures including ceiling fans – bid should include installing these fixtures

Work of this project shall include, but is not restricted to:

Providing materials and labor for wiring the following fixtures:

- Range – Cord provided by Habitat
- Over-the-Range Microwave

- Dishwasher Outlet
- Electric Clothes Dryer
- Washing Machine
- Mini Split
- Bath fan (4 bedroom home has two fans)
- Ceiling fans – includes light kit
- Water softener
- Water heater – Off Peak – include separate shutoff switch
- Ventilation System including low voltage controls
- Garage door operators – including door controls
- Door chimes
- Smoke and Carbon Monoxide detectors as required by code
- Electric boiler controls and controls for off peak metering
- Exterior soffit lights, exact quantity and placement to be coordinated with Construction Manager
- Four interior bulb holders for garage lighting
- At least three exterior receptacles: one at rear of home, one near garage service door, and one between OH garage doors; exact placement to be coordinated with Construction Manager

**END OF SECTION 26 05 00**