Habitat for Humanity® Portland Region

Scope of Work

PROJECT NAME:	Taylors Ferry
PROJECT LOCATION:	2401 SW Taylors Ferry Rd, Portland, OR, 97219
PROJECT DESCRIPTION:	17 homes
SCOPE OF WORK:	Electrical
DATE OF WORK:	September 2025
BID DUE DATE:	2/28/25 5pm

Scope of Work:

1. Schedule
    a. Anticipated start date September 2025
    b. Duration - Rough-in: 3 days per unit
    c. Duration - Final: 2 day per unit
    d. Provide sufficient crew(s) to meet schedule of the project as communicated by the Site Superintendent.
    e. Actual dates will be communicated from the project Site Supervisor and work is to be completed within the dates provided by Habitat. Rough and finish electrical scheduled dates will be provided with a minimum two week notice.
2. General
    a. Collaborate with other trades to ensure that electrical does not obstruct or damage any other trade's work.
    b. Electrician to start and end all work per the Habitat for Humanity schedule for their phase of work.
    c. Habitat will provide dumpster onsite. Electrician to dispose of trash in Habitat's dumpster.
3. Permits
    a. Contractor to fill out permit application. Habitat to apply and pay.
    b. No work to begin prior to the issuance by the city of the Electrical permit on the project
4. Site electrical
    a. Provide all labor and material to run power to irrigation controls.

5. Electrical service
    a. Coordinate with site excavator to ensure conduit is properly located for all meter packs.
    b. Coordinate with foundations contractor to ensure proper location of Ufer.
6. Rough electrical
    a. Attend pre-framing walk with Habitat superintendent and framing contractor.
    b. Attend onsite pre-rough-in meeting with Habitat superintendent and other subcontractors.
    c. Attend onsite pre-cover meeting with Habitat superintendent and other subcontractors.
    d. Broom sweep work area daily
    e. Provide labor and material to install all rough electrical per approved building plans and Oregon code.
    f. Install meter base.
    g. Install house meter, panel, and breakers for site common areas per plans.
    h. Install individual unit panels and breakers, include temporary panel cover to protect until finished. Include surge breaker.
    i. Connect each home to Ufer as required.
    j. Wire and provide low volt transformer for doorbells per plans.
    k. Wire for all interior and exterior light fixtures and switching per plans.
    l. Wire for mini-split heat pump heating/cooling system.
    m. Wire for exhaust fans with humidistat and motion sensor
    n. Wire for ERV per plans.
    o. Wire for appliances: dishwasher, washing machine, dryer, refrigerator, range and vent hood.
    p. Wire for hybrid electric heat pump water heater.
    q. Wire for smoke and carbon monoxide detectors per code.
    r. Run conduit and wiring from blanked off j-box at future solar panel to attic per EA platinum standards.
    s. Provide plugs for temp power during construction - one 110 plug (at 20 amps) on each floor, and one 220 plug at the range and dryer
    t. Provide and install coax & data wiring and ports per plans.
    u. Provide and install junction box at roof next to radon penetration for future radon fan
    v. Wire light and switch in attic and electrical plug (for radon mitigation)
    w. Wire low voltage for future garage door opener. Wire for motion sensor at base of door, future button by the garage service door, and one 15A dedicated plug in the ceiling for the future garage door opener.
    x. Provide three (3) garage plugs, one per wall; wired to code

y. Provide two (2) exterior plugs, one in the front elevation and one in the rear elevation; wired to code

7. Final electrical (trim out)
    a. Trim out all electrical outlets and switches. Use decora (rocker) switches at all locations.
    b. Trim out exhaust fans and properly adjust humidistat, motion sensor and multispeed/time delay modules
    c. Connect water heater.
    d. Install/trim out all interior and exterior light fixtures
    e. Trim out all smoke and carbon monoxide detectors.
    f. Provide and install doorbells and doorbell transformers at unit front doors.
8. Materials
    a. Habitat has Gift in Kind relationships with Schneider & Square D for donated panels, breakers, and meter bases and will attempt to source these materials from the GIK program.
    b. Provide material and quantity list for Schneider/Square D Gift in Kind items ASAP.
    c. If GIK cannot supply donated materials, contractor should supply.
    d. Submit electrical load calcs and design for meter bases/exterior equipment to PGE and order all gear within 10 days after contract execution.
    e. Habitat provides
        i. All lights, interior and exterior
        ii. Panels
        iii. Breakers
        iv. Possibly meter bases - please provide pricing
        v. Ufer
        vi. Electrical appliances (washer, dryer, dishwasher, refrigerator, vent hood, water heater)
        vii. ERV (mechanical contractor)
        viii. Mini-split heat pump (mechanical contractor)
    f. Electrician provides
        i. Wiring
        ii. Boxes
        iii. Light boxes
        iv. Plugs
        v. Switches
        vi. Doorbells

vii. Smoke alarms

viii. Carbon monoxide detector

ix. Exhaust fans, multi-speed/time delay modules, humidistat modules, occupancy sensor

x. Main service

xi. Meter bases