

BID DIVISION DESCRIPTION

**BID DIVISION HFH – 22A: PLUMBING**

EXCLUDED:           1.       State plumbing permit  
                          2.       Owner provided fixtures (See Section 22 05 01)

INCLUDED:           Provide all labor, materials, equipment and site supervision to complete the plumbing installations as shown and specified, including but not limited to the following technical specification sections:  
22 05 01

ALSO INCLUDED:    1.       Functioning systems upon the completion of construction  
                          2.       Final connections to Owner provided equipment  
                          3.       Compliance with all applicable Building Codes  
                          4.       Stainless steel collar and flashing for roof penetrations  
                          5.       All penetrations or core drilling as required  
                          6.       Layout of all work  
                          7.       All required permits, inspections and certifications  
                          8.       Cutting and patching as required for all plumbing openings  
                          9.       Verify existing site conditions  
                          10.      Passive Radon System  
                          11.      Coordination with other trades  
                          12.      This project is managed by HFHDC. All contractors on this project are considered prime contractors. Coordination between trades and volunteers is to be considered part of this work scope.

PRICING FORM:

Our Lump sum Base Bid for the work in Bid Division HFH – 22A is:

Per Three Bedroom Home

\_\_\_\_\_ Dollars (\$ \_\_\_\_\_)

Name of Bidding Contractor: \_\_\_\_\_

Signed By: \_\_\_\_\_ Date: \_\_\_\_\_

## SECTION 22 05 01

### SCOPE OF WORK

Furnish and install a complete residential plumbing system, all in accordance with state and local codes and as otherwise indicated. This work shall include PVC drainage lines and vents, and PEX water lines and hookups for all fixtures and appliances, as required.

Furnish and/or install fixtures, trim and hookups to include but not limited to the following:

#### BATH ROOM

Shower Bay – Furnished by HFHDC  
Tub shower faucet: Furnished by HFHDC  
Toilet and Seat: Furnished by HFHDC  
Cultured marble vanity top: Furnished by HFHDC  
Lavatory Faucets: Furnished by HFHDC

#### KITCHEN

Kitchen sink: Furnished by HFHDC  
Kitchen faucet: Furnished by HFHDC  
Dishwasher hook up (future)  
Ice maker water line with shut off valve  
Hot and cold soft water supply

#### UTILITY ROOM

Floor drain near water heater.  
Water Softener – Furnished by HFHDC (H loop with valves) and stand pipe drain for same  
One washer hookup and a recessed box for water and waste line.  
Water Heater – Furnished by HFHDC  
Utility Sink – Sink and Faucet furnished by HFHDC

#### MISCELLANEOUS

Two ¾" frost-free sill cocks, plumbed to un-softened water. One near front of house and one near rear of house. Confirm locations with HFHDC Construction Mgr. and how this work will be accomplished on slab construction.  
Installation of 3" PVC passive radon mitigation system from beneath slab through roof in utility room, and insulated in attic.  
Piping must be PEX-Hot/Cold tubing with poly alloy non-metallic fittings.  
**Coordinate water and sewer pipe placement with earthwork contractor.**

Any questions concerning the requirements or work of this project may be directed by mail to the address listed above or by e-mail to [randy@hfhdc.douglascounty.org](mailto:randy@hfhdc.douglascounty.org) or 320-762-4255 ext 104.

END OF SECTION 22 05 01