

Specifications

General Requirements

SECURE STRUCTURE

Contractor is fully responsible for the building, its contents, site and outbuildings from the point of receiving notice to proceed until certificate of occupancy is issued and final payment is made.

CFLBULBS

All light fixtures in the house, both interior and exterior, shall have soft white, 15-watt ENERGY STAR certified compact florescent bulbs. Equivalent LED Bulbs are acceptable. (CFLs) (LEDs)

ENERGY EFFICIENCY AUDIT

Evaluate building energy use, heat loss infiltration rate and develop recommendations to improve efficiency per the Home Performance Standards for Warm Climates. Conduct and pass an Energy Star audit.

BLOWER DOOR TEST

Perform a blower door test to identify envelope air leakage and provide written report on recommendations. Must meet 2.5 Standards. Test to be performed in the presence of HFH.

HVAC MANUAL J CALCULATION

Evaluate proposed improvements and building components to establish heating and cooling loads for the structure using a computer program modeling the Manual J protocols on "tight" setting with thermostat set at 75 degrees for cooling.

DUCT LEAKAGE TEST

Perform duct leakage test with a "duct blaster" for the HVAC distribution system. Provide a written report of items tested and results. Must meet 2.5 Standards. Test to be performed in the presence of HFH.

ENERGY STAR 2.5 CHECKLISTS

Thermal enclosure system checklist, HVAC system quality installation contractor checklist, and water management system checklist to be completed by contractor. Forms at:

http://www.energystar.gov/ia/partners/bldrs_lenders_raters/downloads/InspectionChecklists.pdf

MANUFACTURER'S SPECS PREVAIL

All materials shall be installed in full accordance with the manufacturer's most recent specifications for working conditions, surface preparation, methods, protection and testing. No staples are to be used on either shingles or siding.

SUBSTITUTION APPROVAL PROCESS

Any requests for substitutions of specified proprietary items must accompany the initial proposal and shall include: the manufacturer's specifications; full installation instructions and warranties, and the proposed bid price differential. The agency and owner will notify the contractor of decision at contract award.

LINE ITEM BREAKDOWN

The apparent winning bidders shall provide the owner with a line item cost breakdown at the pre-construction meeting.

VERIFY QUANTITIES/MEASUREMENTS

All material quantities count must be determined and verified by the contractor at a mandatory site inspection prior to bid submission. Claims for additional funds due to discrepancies in material quantities shall not be honored if submitted after the bid submission.

BUILDING PERMIT REQUIRED

The contractor is responsible for submitting this owner-provided house plans, survey and plot plan to the building department, applying for, paying for and receiving a building permit prior to starting any work. Copy of permit will be given to HFH.

ELECTRICAL PERMIT REQUIRED

Prior to the start of work, the contractor shall create any documentation necessary to apply for, pay for and receive an electrical permit on behalf of the owner. Copy of permit will be given to HFH.

PLUMBING PERMIT REQUIRED

Prior to the start of work, the contractor shall apply for, pay for and receive a plumbing permit on behalf of the owner.

HVAC PERMIT REQUIRED

Prior to the start of the heating/cooling work, the contractor shall create a heating distribution layout and perform heat/cooling loss calculations and all other documentation needed to apply for, pay for and receive an HVAC permit on behalf of the owner.

CONTRACTOR PRE-BID SITE VISIT

The contractor must inspect the property. Submission of a bid is presumptive evidence that the bidder has thoroughly examined the site and is conversant with the requirements of the local jurisdiction.

BUILDER'S RISK

Contractor shall provide owner with a certificate of Builder's Risk Insurance coverage equal to the structure's replacement value of the contract price prior to commencing work.

WORKER'S COMP

The contractor shall purchase, maintain, and provide certification of worker's comp to the construction specialist with the following limits: Coverage A - Provide Statutory Minimum Employer's Liability \$500,000 each accident; Coverage B - \$500,000 disease per employee. Certificates shall indicate contingent liability coverage & Owner's & Contractor's Protective Liability coverage is in force.

DISALLOWED MATERIALS AND METHODS

The following construction materials and methods are prohibited from any job sponsored by this agency: lead paint, lead solder in drinking water supply, burning of construction debris, explosives in excavation.

CLOSE-IN INSPECTIONS REQUIRED

Call the proper agency for inspection of all work, that will be concealed from view, before it is closed in. This type of inspection frequently includes, but is not limited to concrete pours, roof sheathing & flashing prior to installation of new felt & shingles, and framing & decking prior to installation of underlayment & floor coverings, prior to insulation and prior to drywall.

1 YEAR GENERAL WARRANTY

Contractor shall remedy any defect due to faulty material or workmanship and pay for all damage to other work resulting therefrom, which appear within one year from final payment. Further, CONTRACTOR SHALL FURNISH OWNER WITH ALL MANUFACTURER'S AND SUPPLIERS' WRITTEN WARRANTIES covering items furnished under this contract prior to release of the final payment (e.g.; roofing warranty must be registered and printed).

100% PAYMENT & PERFORMANCE BOND

Prior to commencing work, contractor shall provide owner with a bond written on the AIA form for 100% of the contract, callable in the event of either non- performance or non-payment.

PORTABLE TOILET

Provide temporary toilet facilities from job start until approval of permanent facilities.

GENERAL MANGEMENT

Attend a pre-construction meeting with HFH and ADFA. All example mockups will be presented and discussed. Attend monthly progress meeting in which project progress will be discussed, payment draw sheets will be submitted and reviewed (AIA G732 and G703 or comparable) and any proposed change orders will be submitted, reviewed and approved (AIA Form G701 or comparable) Prior to any material purchases, a purchase submittal sheet will be submitted to and approved by HFH that states make, model, ratings and any other specification requirements with support from the Bidder Specification showing compliance. All permit acquisitions, inspections, and testings are contractor's responsibility and contractor will coordinate with HFH. Each draw request will be reviewed by both HFH and ADFA. If approved, payment will be made within 15 working days of submittal with 10% allowance withheld. ***IF HFH purchased some material or labor, an invoice for the amount spent will be provided to the Bidder and the payable amount of a draw request will be reduced by the invoice amount and the remaining funds will be paid to the Bidder.*** Total allowance withholdings will be paid upon submission of a request for payment after the date of issuance of the Certificate of Occupancy.

If any difference is found between the house plans and these specifications, the specifications shall control. **The only to the specification is that there will be no requirement for a 1"x24" perimeter insulation under the slab.** The house shall be certified as energy star efficient and pass and energy star audit.

Site Work

Removal of any trees, scrubs and grass which is located within the building zone. Clear, grade and fill site in preparation of installation of building slab, driveway and/or sidewalks.

Extermination

EXTERMINATE TERMITES

Provide termite treatment with a 1-year contract beginning at issuance of Certificate of Occupancy.

Termite Treatment Allowance: Bidder shall include an allowance of \$600 per house. HFH will provide some or all treatments through donations. Any difference in the actual termite treatment cost and the allowance cost shall be treated as a Change Order (AIA Form G701 or comparable).

Foundation

CONCRETE FOUNDATION--GN REQS

All concrete shall exhibit 3000 psi at 28 days, and have a slump less than 4.5. Formed concrete thicker than 4" must be mechanically vibrated. Two test cylinders are to be poured, labeled and preserved.

FOOTING—CONTINUOUS

Excavate a square, straightened, trench below frost line to solid bearing. Form and pour a 3000 psi footing reinforced with 1/2" rebar securely wired and set on chairs. Remove forms after concrete has fully cured. Two test cylinders are to be poured, labeled and preserved.

Driveway

DRIVEWAY—CONCRETE

Level surface, prepare a 3" gravel base over a uniformly graded & compacted subgrade. Form and pour 3000 psi air entrained concrete, 4" thick by 14' wide driveway with at grade access to house. Provide #10 welded wire mesh raised to be suspended in the concrete, expansion joints at 10' intervals, and a broom finish surface that directs water away from the building. Remove forms. Regrade disturbed areas. Two test cylinders are to be poured, labeled and preserved.

Structure

PARTITION – 8' WOOD BEARING

Frame an 8' high 2"x4" or 2"x6" (as specified in the plans) wood partition with studs 16" on center, single top and bottom plates.

PARTITION-LADDER BLOCKING

Where interior walls meet exterior walls, only use ladder blocking to connect the two systems, i.e., horizontal 2X4s at 2', 4', and 6' from the floor. This allows for maximum insulating ability.

PARTITION--CALIFORNIA CORNERS

All exterior corner framing must utilize three studs per corner, with two studs being the end of the long wall unit, and a single Stud in the end of the adjoining wall.

PARTITION--STRUCTURAL SHEATHING 7/16" OSB

Attach sheets of OSB sheathing to outside of entire exterior walls with 8d nails.

BOTTOM PLATE GASKET

A continuous foam gasket furnished by HFH shall be installed under treated external bottom plate. Bottom plate must then be sealed to foundation with caulk.

ANCHOR BOLTS

6" x 1/2" concrete screws per code.

Framing and Material Supply Allowance: Bidder is to include an allowance for structure material cost of \$10,500. Structural material cost shall consist of the cost for materials used in framing, sheetrocking, anchor bolts, hurricane clips, OSB house sheathing, interior and exterior doors, door and cabinet hardware. Any difference in the allowance cost and the actual expense for these items will be treated as a Change Order (AIA Form G701 or comparable). Material List will be provided if awarded.

WRAP TRIM-ALUMINUM

Enclose fascia board, trim, and any exposed wood with aluminum coil stock in color corresponding to siding. Caulk all seams with appropriate siliconized acrylic to create an airtight installation.

AIR-SEAL BUILDING ENVELOPE

Seal all accessible cracks, gaps and holes in the building envelope with low VOC caulk (if less than 1/4") or expanding foam (if greater than 1/4"). Seal all top plate and bottom plate penetrations. If the foundation masonry wall is open core concrete block, seal the tops of the block with expanding foam. Seal all penetrations created by plumbing, gas lines, electrical boxes and outlets. Seal accessible gaps between the structure and window and door units with low expansive foam. Take care to seal all joints without excess sealant. Seal any gaps in the building envelope adjacent to flues with carefully cut to fit sheet metal collars that are securely fastened to framing sealing all seams and gaps with fire rated caulk. Seal any entries to attic space using weather stripping on attic doors or hatches if inside home. Air sealing must be completed prior to the installation of insulation. The contractor will have a blower door test performed and the air sealing must produce test results of less than 0.30 CFM@50Pa per SF of envelope (floors, walls and ceiling).

ATTIC ACCESS

Frame out an attic hatch 30" X 30" where indicated. Install a 3/8" plywood door insulated to R-30 and sealed.

ATTIC R-30 CELLULOSE

Install blown-in borate treated (no ammonium sulfate permitted), cellulose insulation per manufacturer's specifications to R-30-measured by bags, not height. Maintain ventilation routes from soffit and other vents with baffles.

INSULATE WALL--R-13 BATT/ CELLULOSE

Install R-13 (on 2"x4" walls) and R-30 (on 2"x6" walls) paper-faced fiberglass batt insulation between studs per manufacturer's specifications, carefully fit around all mechanical and structural components so

that there are no gaps, the batts not compressed, and the cavities are completely filled. Staple flanges to the faces of the studs. Notify the construction manager when the installation is ready for inspection. The inspection will include spot checks for quality, pulling some of the facing away from the studs. The contractor will reinstall areas accessed for inspection. Insulation must be inspected before the wall finish is installed. Preferred: Cellulose - Ext. Walls.

ALL EXTERIOR WALLS AND SOUND BARRIER INTERIOR WALLS.

Windows / Doors

WINDOW--VINYL--LOW E SGL HNG DBL GLZ ENERGY STAR -W/J RAIL

Install a single hung, 6/6, double glazed, vinyl with j-rail where needed, double pane argon filled Low E ENERGY STAR window with a U-value of 0.30, SHGC o/0.25, properly flashed with approved tape, installed with a window sill pan and sealed with expanding foam to match vinyl and caulk. Color of window to match the color of vinyl siding or exterior trim.

Window allowance: Bidder shall include an allowance for the cost of windows of \$1,500 per house. Any difference in the allowance cost and the actual cost for windows shall be treated as a Change Order (AIA Form G701 or comparable).

DOOR - PRE HUNG METAL ENTRANCE- ENERGY STAR (see framing and Material Supply Allowance)

Install an ENERGY STAR certified 36"insulated pre-hung all panel steel door with attached threshold, a passage latch and double cylinder dead bolt keyed to match the deadbolts of other exterior doors. Install a peephole at appropriate height in door. Jam width for exterior doors shall be 51/2".

Baseboards – Wooden or composite baseboards throughout house

Standard sizing wooden or composite baseboards are to be installed throughout house. Baseboard material purchase shall be builders responsibility and made available to Habitat prior to installation for painting.

Roofing

ROOFING SHINGLES

Install 3-tab shingles with a 25-year warranty over 30# felt. Overhang 1"on gable ends and 1 1/2" on sides. Use roofing nails only - No staples or Residential metal roofing, over synthetic underlayment, with gable & side trim. Ridge vent w/flex vent. 1 1/2" overhang on sides. Install drip edging on all horizontal roof edge runs. Drip edge to be aluminum and same color of vinyl siding or exterior trim color.

Shingle Allowance: Bidder shall include an allowance of \$4,000 for the cost of decking sheets, clips, felt and shingles. Any difference in the allowance cost and the actual cost for felt and shingles will be treated as a Change Order (AIA Form G701 or comparable).

ROOF SYSTEM-PITCHED-NEW

Install 7/12 (7 inches per foot) pitched, gable end roof using engineered 2'x4'raised-heel trusses. The roof must overhang two feet at the gable ends and one foot on the sides. If roof is stick framed, use double 2'x4' band joist over top plates to raise roof height to allow higher level of insulation.

ROOF SHEATHING 5/8" WITH REFLECTIVE LAYER (see Shingle Allowance page 24)

Install 5/8" sheathing with a reflective layer(solar board), nailed 8" using plywood clips, reflective side down.

VENT-RIDGE

Install ridge vent per manufacturer's specs.

Drywall / Paint

DRYWALL—GENERAL REQUIREMENTS

All materials shall be applied dry with the temperature between 55-100 degrees F. Set all nail and screw heads. Apply tape and filler. Feather all edges. Wetsand and knock down texture ready for paint.

DRYWALL—1/2"

Hang, tape and 3 coat finish 1/2" drywall. Run boards with long dimension perpendicular to framing members. Sand and knock down texture ready for paint.

DRYWALL—ENERGYSTAR

Ceiling drywall will be sealed at the top plate at all attic/wall interfaces using caulk, foam or equivalent - apply sealant directly between drywall and top plate or to the seam between the two from the attic above. Seal any cuts in top plate to produce a continuous top plate. Construction adhesive shall not be used. Sand and apply knock down wall and ceiling texture.

PREP & PAINT SURFACE—knockdown

Fill holes and cracks. Seal off all ducts, cover windows and doors. HFH volunteers will prime and paint house.

Painting Allowance: Bidder shall include an allowance for interior and exterior painting of \$0 per house. Any difference in this allowance and the actual painting expense shall be treated as a Change Order.

DRYWALL--WATER RESISTANT "GREEN BOARD"

Hang, tape and 3 coat finish 1/2"water resistant "green board" drywall. Fiberglass joint tape shall be used to finish the joints and a setting-type compound shall be used for the first coat over the fiberglass mesh tape. Sand ready for paint.

Siding

SIDING-GENERAL REQUIREMENTS

Hang siding in accordance with manufacturer's recommendations. Conform to State and Federal requirements for ladder and scaffold operations. Staples will not be used. Bidder to install vinyl siding on house. The color shall be owner's choice and Bidder shall submit mock samples for owner's choice.

SIDING---VINYL--FOAM SHEATHING

Install a continuous one-inch layer of DOW R-5 Styrofoam sheathing with tight fitting seams sealed with the manufacturer's seam tape, including all corners. Use a house wrap to cover foam board. The house wrap covering will become the drainage plane for the wall so all flashing details must direct water to naturally drain over the house wrap. Provide insulation dam up to 1" below roof decking if trusses are used.

Foam Board, Gasket and Window Sill Allowance: Bidder shall include an allowance of \$0 for the cost of 1" Styrofoam boards, construction taping, foam gap sealants, window sill pans, window and door flashing tap, base plate gasket and house wrapping. Any difference in the allowance cost for these items and the actual expense for these items will be treated as a Change Order (AIA Form G701 or comparable).

Plumbing

PLUMBING--GENERAL REQUIREMENTS

Unless otherwise specified, all materials shall be copper, PEX or PVC. All items shall operate without leakage, noise, vibration or hammering. All penetration of building components shall be neat, sleeved, & fire stopped. No solder containing lead shall be used in any pipe or fixture. Damage to structural members from drilling or notching shall be repaired to the acceptance of the owner.

Plumbing Allowance: Bidder shall include a plumbing fixture allowance of \$1,100 per house for kitchen sink and faucet, two bathroom faucets, two commodes, two bathroom accessory kits, two tubs, water heater, water heater stand and drip pan, relief valve, washer bibb connector and a medicine cabinet. Any difference in the actual expense of these items and the allowance cost shall be treated as a Change Order (AIA Form G701 or comparable).

SUPPLY-PEX

Install flexible PEX piping with a minimum number of couplings to fixtures. Install mechanical connectors and shutoff valves at all fixtures. Size pipe to 1990 CABO minimums per table 2406.5.

SINK-DOUBLE BOWL COMPLETE

Install a 22 gauge 33" x22" x7" double bowl, stainless steel, rated at 2.0 GPM or less, with a 15-year drip-free warranty, supply lines, full port ball type shut-off valves & escutcheon plates on all supply & drain lines. NOTE: All copper is to be soldered (no compression fittings) & all PVC fittings glued.

WATER HEATER--40 GAL. ELECTRIC

Install a 40 gallon, glass lined, insulated to R-7, double element, 0.92 EF electric water heater with 10-year warranty. Include pressure and temperature relief valve, discharge tube to outside of structure, shut-off valve and electric supply.

DRIPLESS CENTER--WASHER HOOK UP

Install PVC standpipe, hot and cold hose bibbs, and 20 amp outlet on a separate circuit to service a washing machine.

SINK & DISPOSAL COMPLETE W/WATER SAVING FAUCET

Install a 22 gauge 33" x 22" x 7" double bowl, stainless steel, self-rimming kitchen sink including a steel, metal body faucet, rated at 2.0 GPM or less, with a 15-year drip-free warranty, full port ball type shut-off valves & escutcheon plates on all supply & drain lines. Include a 1/2 hp, continuous feed garbage disposal with electric supply, wall mounted switch and a 7-year warranty.

SHOWER HEAD--1.5 GPM

Install a 1.5 GPM Showerhead in chrome such as the Niagara Conservation Earth Massage. Include arm where required.

BATHTUB/SHOWER--5'

FIBERGLASS-COMplete--ADAPTABLE Install a fiberglass tub and shower unit. Exterior wall behind the unit should be properly insulated and have house wrap entirely between the unit and the wall sealed to studs, top & bottom plates with caulk.

BATHTUB/SHOWER--5' FIBERGLASS-COMplete—ADAPTABLE

Install a fiberglass tub and shower unit. Exterior wall behind the unit should be properly insulated and have house wrap entirely between the unit and the wall sealed to studs & top & bottom plates w/ caulk.

BATH FIXTURE (COMMODE,LAV)

Install a close coupled white commode with a flush volume of 1.28 gpm or less. Install a 24" vanity with sink and a metal bodied single lever faucet rated at 2.0 gpm or less. Install a chromed metal 5-piece accessory set and recessed metal medicine cabinet. The medicine cabinet to be equivalent to Modello 32X24 recessed medicine cabinet.

DRYER VENT

Install per code.

Electric

ELECTRIC SERVICE-200 AMP

Install a 200 amp, single phase, 30 space CBPB electric service. Include a main disconnect, meter socket, weather head, service cable, and ground rod and cable. Seal exterior service penetration.

CFL BULBS-ENTIRE INTERIOR AND EXTERIOR

Install 15 watt, 10,000 hour compact fluorescent bulbs in all interior and exterior light fixtures except floodlights on gable ends). LED bulbs are acceptable.

ENERGY STAR CEILING FAN LIGHT FIXTURE

Install ENERGY STAR® approved ceiling fan/ light fixtures in all bedrooms, and living room. Provide proper support for fan installation and switching in all rooms. Install an exterior ceiling fan/light fixture in back porch.

LIGHT FIXTURE AND SWITCH

Install a ceiling mounted, UL approved, 2 bulb light fixture with LED or CFL bulbs.

ENTRANCE LIGHT (see Electrical Allowance page 32)

Install a HFH provided exterior, waterproof, wall mounted, single bulb fixture outside exterior doors. Use LED bulb.

DOORBELL SYSTEM

Install a doorbell system containing a low voltage transformer power connection, buzzer and front door button.

Electrical Allowance: Bidder shall include and allowance of \$1,000 for ceiling fans, ceiling lights, doorbell, exterior lights, bathroom vent fan/light, 200-amp single phase service with 30 breakers, main disconnect, meter socket, weather head, service cable, and ground rod with cable. Any difference in the cost of this allowance and the actual cost for these items shall be treated as a Change Order (AIA Form G701 or comparable).

VENT FAN/LIGHT FIXTURE-ENERGY STAR

Install an ENERGY STAR approved ceiling mounted vent fan/light fixture capable of min. 50 CFM operating at 3 Sons or less after installation, with an integral damper, and vented to the Rear gable end. All duct seams shall be sealed with duct mastic. Insulate the ductwork with R 6 minimum duct insulation.

HVAC

HVAC--GENERAL REQUIREMENTS

Equipment shall operate safely without leakage, noise, or vibration. All penetration of building components shall be neat, sleeved and fire stopped and shall not compromise structural integrity. Contractor shall submit a diagram showing equipment selection and proposed layout of distribution system at pre-construction meeting.

HVAC SYSTEM

After completing the Manual J (on "tight" setting & indoor temp. at 75 degrees), install minimum 15 SEER, 8.2 HSPF air source heat pump and condensing unit that is Energy Star qualified. Ductwork should be rigid with R-6insulation, and all joints, boots, and air handler will be sealed with mastic/ mastic tape (UL listed). Provide a programmable thermostat with adaptive recovery. Provide copy of all calculations to owner. NO FLEX DUCT ALLOWED

HVAC ATTIC PLATFORM

Attic platform shall rise 8" from ceiling below in order for insulation to be blown to R-21 beneath the platform. Platform

Flooring

LUXURY VINYL TILE

Fill seams, holes and other defects with a manufacturer approved filler to create a smooth surface. Install luxury vinyl tile per manufacturer's recommendations. Install metal edge strips where appropriate. Owner's choice of pattern and color.

Floor Cover Allowance: Bidder shall include an allowance for luxury vinyl tile of \$5.00/sf. (\$3.00 material and \$2.00 installation) applied to 606.64 sf. including waste. Any difference in this allowance and actual luxury vinyl tile expense shall be treated as a Change Order (AIA Form G701 or comparable). The square footage for the area to be covered shall be determined by multiplying the length and width of each room, removing the area under kitchen cabinets and bathroom vanities and tubs, and adding 5% for waste.

CARPET(CUTPILE)&PAD-GREEN LABEL

All bedroom floors shall be covered with FHA approved, Nylon/Olefin blend cut pile weave carpet. Install over a 1/2" medium density rebond pad with a minimum of seams in both pad and carpet. Carpet and Pad must meet the Carpet and Rug Institute's Green Label certification. Stretch carpet to eliminate puckers, scallops & ripples. Include premium seam tape, tackless strips & metal edge strips at transition to resilient, tile or wood floors. New carpet to be seamed to carpet in adjoining rooms. Cover entire floor including closets. Owner's choice of color and style.

Carpet Cover Allowance: Bidder shall include an allowance for bedroom carpeting of \$27.00/sy. (\$18.00 material plus 9.00 installation) applied to 62.1 sy. (sy is determined by multiplying 12 feet times the shortest dimension then dividing by 9). No waste is included due to most rooms are less than 12 feet wide. Any difference in this allowance and actual carpet expense shall be treated as a Change Order (AIA Form G701 or comparable).

Cabinet / Countertop

KITCHEN CABINETS AND COUNTERTOP

Install kitchen cabinets per house plans. Owner's choice on color and finish. Install Formica countertops per house plans. Owner's choice on color and edge finish. Install all hardware knobs and handles. Hardware to be Owner's choice.

Cabinets and Countertop Allowance: Bidder shall include a kitchen cabinet and counter top allowance of \$2,000 for the cost of cabinets and countertop. Any difference in the actual cost and the allowance cost for cabinets and countertop shall be treated as a Change Order (AIA Form G701 or comparable). Bidder will be responsible for the installation cost of cabinets and countertop.

Appliances

APPLIANCES-GENERAL REQS.

All appliances shall be Energy Star certified.

ELECTRIC STOVE-30"--ENERGY STAR

Install an ENERGY STAR white, 30" wide electric stove including oven and electrical connections.

REFRIGERATOR--18 CF--ENERGY STAR

Install an ENERGY STAR approved 2 door, top freezer, white, frost free refrigerator with at least 17.5 cubic feet.

DISHWASHER--2 CYCLE--ENERGY STAR

Provide and install a 24" white, 2 cycle, built- in Energy Star® labeled dishwasher including all alterations and connections to plumbing and electric system.

DISPOSAL—1/2 HP

Install a 1/2 horsepower, garbage disposal with reset button and hand crank, as manufactured by ISE or equal. Include plumbing and electrical connections.

MICROWAVE WITH RANGE VENTING

Install a 1000-watt microwave with range venting above range. Microwave shall have an ENERGY STAR ratings and vented to the outside. Include an electric plug in cabinet above microwave.

Color and model of all appliances shall be owner's choice.

Appliance Allowance: Bidder shall include an appliance allowance of \$700. Any difference in the allowance for appliances and the actual appliances cost shall be treated as a Change Order (AIA Form G701 or comparable).

Landscaping

SOD/SEED See Sod Laying Allowance page

Install sod in front yard and halfway down sides of house and 2' from foundation for rear and sides. Maintain for 30 days after completion of project. Water, trim, mow and replace materials as required. Responsibility for landscaping is the Owner's after the 30-day maintenance period.

Sod Labor Allowance: Bidder shall purchase enough sod for the entire property. HFH will supply volunteers to lay the sod.

SHRUBBERY

Plant shrubbery that is appropriate for this climate.

Breakdown of Bid Amount – IF AWARDED

Winning bidder will breakdown bid to material and labor for each category within 10 days after being awarded.

3 Bedroom - Category	Material Cost	Labor Cost	Total
Fees, bonds, permits, etc.			
Site work			
Foundation			
Driveway			
Structure			
Window and doors			
Roofing			
Drywall			
Paint			
Siding			
Plumbing			
Electric			
HVAC			
Flooring			
Cabinet and countertop			
Appliances			
Landscaping			
Total Bid 3-Bedroom House			

4 Bedroom - Category	Material Cost	Labor Cost	Total
Fees, bonds, permits, etc.			
Site work			
Foundation			
Driveway			
Structure			
Window and doors			
Roofing			
Drywall			
Paint			
Siding			
Plumbing			
Electric			
HVAC			
Flooring			
Cabinet and countertop			
Appliances			
Landscaping			
Total Bid 4-Bedroom House			

Attachments

Attachment 1 House Plans

Attachment 2 Bid Package Material List (If awarded)

Attachment 3 Habitat for Humanity of Greater Jonesboro contract