



GENESEE COUNTY HABITAT FOR HUMANITY
101 BURTON STREET
FLINT, MI 48503

SCOPE OF WORK:

GENESEE COUNTY HABITAT FOR HUMANITY (GCHFH) is soliciting sealed proposals bids for providing:

- REHABILITATION OF A SINGLE-FAMILY HOME

For the homeowner occupied address: 2721 Prospect St. Flint, MI 48504

Per the specifications listed at: geneseehabitat.org

If your firm is interested in providing the requested services, please submit 1 original and 1 copy of your detailed proposal to Genesee County Habitat for Humanity 101 Burton Street Flint, MI 48503 by 11/8/17 before 5:00 PM (EST). Please note: All detailed proposals received after 5:00 PM (EST) will not be considered.

The Genesee County Habitat for Humanity (GCHFH) may hold proposals for a period of 60 days from opening, for the purpose of reviewing the results and investigating the qualifications of proposal prior to making an award. Genesee County Habitat for Humanity reserves the right to waive any irregularities and accept or reject any or all bids submitted. Vendors located within the corporate city limits of Flint, Michigan may be given a seven percent (7%) competitive price advantage. Additionally, if the lowest responsible vendor is not located within the limits of the City of Flint, but is located within the county of Genesee and vendor does not exceed the bid of the lowest non local bidder by more than three and one-half percent (3 %), the County vendor may have a competitive advantage. Genesee County Habitat for Humanity reserves the right to waive any irregularities and accept or reject any or all proposals submitted.

The successful bidder must comply with all requirements and pay prevailing wages and fringe benefits on this project per the City of Flint's Resolution R-1 2 adopted 4/8/91. Pursuant to the requirements of 1976 P.A. 453 (Michigan Civil Rights Act) and 1976 P.A. 220 (Michigan Handicapped Rights Act), the local unit and its agent agree not to discriminate against any employee or applicant for employment with respect to hire, tenure, terms, conditions, or privileges of employment or a matter directly or indirectly related to employment because of race, color, religion, national origin, age, sex, height, weight, marital status or because of a handicap that is unrelated to the person's ability to perform the duties of nondiscrimination provision identical to this provision and binding upon any and all contractors and subcontractors.

Genesee County Habitat for Humanity provides equal employment opportunities (EEO) to all employees and applicants for employment without regard to race, color, religion, sex, national origin, age, disability or genetics.

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REHABILITATION OF A SINGLE-FAMILY HOME

INSTRUCTIONS TO BIDDERS

1. Sealed bids will be received from pre-qualified firms **until 11/8/17 @ 5pm** at Genesee County Habitat for Humanity, 101 Burton Street, Flint, MI, 48503. Label the bid as indicated on page 4 **LATE BIDS AND BIDS SENT BY FACSIMILE OR BY EMAIL WILL NOT BE ACCEPTED.**
2. A **Mandatory Walk-through Inspection** will be held on 11/1/17, attendance at all walk-through inspections is required for the submission and consideration of any bid, the time for the mandatory walk-through inspection is 9:30am.
3. The bid opening will take place on 11/9/17 at 9am and is open to the public. It will be held at the Habitat for Humanity offices at 101 Burton St., Flint, MI 48503.
4. **Submit one (1) original, one (1) hardcopy, and one (1) electronic copy of the bid response.** All bids become the property of Genesee County Habitat for Humanity. The original must include a signature on the Signature Page of a person authorized to make a binding offer. Additionally, the bid response must consist of one copy in electronic format on a CD or USB thumb drive formatted in Adobe (.pdf), Microsoft Word, and/or Microsoft Excel. Failure to provide the required number of duplicate copies may result in rejection of your bid.
5. To be considered for award, each bidder must be a qualified contractor. A contractor is qualified when their submitted qualifications are received and approved by GCHFH.
6. Qualified bidders with contracts exceeding 90 days past signing, may be ineligible to bid on further projects until outstanding projects have been completed.
7. Insurance required per the specifications governing this work must be provided prior to the contract starting date and kept in full effect and compliance during entire contract period. Failure to comply with these provisions will cause termination of the contract.
8. The contractor agrees to be responsible for any loss or damage to property or persons due to the performance of services and the provision of supplies (equipment) herein contracted, and further agrees to protect and defend the Genesee County Habitat for Humanity against all claims or demands whatsoever, and to hold Genesee County Habitat for Humanity harmless from any loss or damage resulting therefrom.
9. After the award is made to the successful bidder(s), Genesee County Habitat for Humanity and the successful bidder will negotiate a final contract that substantially conforms to the Standard Construction Services Contract.
10. All prospective bidders shall be responsible for routinely checking Genesee County Habitat for Humanity website: <http://www.geneseehabitat.org/invitation-to-bid.html>

to obtain issued addenda. Genesee County Habitat for Humanity shall not be responsible for the failure of a prospective bidder to obtain addenda and other information issued at any time related to this IFB.

11. Use the following format for your bid:

Submit one (1) original, one (1) hardcopy, and one (1) electronic copy of the bid response to GCHFH– REHABILITATION OF A SINGLE-FAMILY HOME, 101 Burton Street Flint, MI 48503 all pages of bid forms and including Work Specifications

- Signed Signature Page
- Copy of the Contractor Approval Letter issued by the Genesee County Habitat for Humanity (GCHFH) stating the firm is qualified for the work within the City of Flint.
- Bid Summary
- Completed House Specification Sheets included after page 9 and all Bid Forms pages
- For construction Bids exceeding \$100,000 in amount, the Contractor must furnish a **Bid Bond**, equal to 5% of the total compensation to be paid to the Contractor under the Contract.
- For construction Bids exceeding \$100,000 in amount, the Contractor must furnish a **CERTIFICATION FOR BUSINESS CONCERNS SEEKING SECTION 3 PREFERENCE IN CONTRACTING AND DEMONSTRATION OF CAPABILITY**

ADDITIONAL TERMS AND CONDITIONS

- **Issuing Office:** This IFB is issued by Genesee County Habitat for Humanity. The sole point of contact for this solicitation is Genesee County Habitat for Humanity 101 Burton street, Flint MI 48503, (810) 766-9089 ext. 211 and fax (810) 766-9094. E-mail is the preferred method of contact. www.geneseehabitat.org/construction.html
- **Questions & Inquiries:** All questions regarding this IFB must be addressed at the mandatory walk-through, as indicated on page 1. Written answers to questions to clarify this solicitation will be provided via an addendum. No verbal interpretation to any respondent as to the meaning of any requirement stated in this IFB shall be binding on Genesee County Habitat for Humanity.
- **Requirement for Bonds:** For Construction Contracts (job total) exceeding fifty thousand dollars (\$50,000.00) in amount, the Contractor must furnish a **performance bond and a payment bond**, each in an amount equal to ninety five percent (95%) of the total compensation to be paid to the Contractor under the Contract as security for the faithful performance of the Contract and as security for the payment of all persons performing labor and furnishing materials in connection with the performance of the Contract. The performance bond and the payment bond must be in such form as the Owner may require and must be delivered to the Owner prior to execution of the

Contract by the Owner. The Contractor shall also be required, at no cost to the Owner, to provide Performance and Payment Bonds required by any utilities for performance of any utility Work or Work on utility lines or within utility easements. For construction Bids exceeding 100 thousand dollars (\$100,000) in amount, the Contractor must furnish a **bid bond**, equal to 5 percent (5%) of the total compensation to be paid to the Contractor under the Contract. The Surety must be acceptable to Genesee County Habitat for Humanity and must be approved to transact business in the State of Michigan.

4. **Copies to be Furnished to Beneficiaries:** Upon the request of any person or entity appearing to be a potential beneficiary of bonds covering payment of obligations arising under the Contract, the Contractor must promptly furnish a copy of the bonds to such person or entity.
5. **Addenda:** Genesee County Habitat for Humanity reserves the right to amend and provide clarification of this solicitation prior to the date for bid submission. In such an event, an addendum will be posted on the Genesee County Habitat for Humanity website at (<http://www.geneseehabitat.org/invitation-to-bid.html>). **All prospective bidders shall be responsible for routinely checking Genesee County Habitat for Humanity website to obtain issued addenda. Genesee County Habitat for Humanity shall not be responsible for the failure of a prospective bidder to obtain addenda and other information issued at any time related to this Invitation for Bids.**
6. **Preparation of Bids & Cost:** All costs incurred in the preparation of a response to this IFB will be the responsibility of the respondent, and will not be reimbursed by Genesee County Habitat for Humanity. Bids should be prepared simply and economically, providing a straightforward, concise description of the bidder's ability to meet the requirements of this IFB.
7. **Responsive Bids:** To ensure full consideration, all bidders shall submit a complete response to this IFB using the format provided in Instruction to Bidders Item 10. In addition, at least one of the bids submitted shall include an **original signature** of an official authorized to bind the bidder to its provisions. Any bid not prepared and submitted in accordance with this IFB or any bid lacking the information to enable Genesee County Habitat for Humanity to make a reasonable determination of compliance with the bid requirements may be considered "non-responsive" and rejected without further review.
8. **Right To Reject:** Genesee County Habitat for Humanity reserves the right to waive any informality in the invitation for bids; to reject any or all bids; and to make an award which it considers to be in the best interest of Genesee County Habitat for Humanity.
9. **Work Schedule:** After contracts have been signed and dated, the work must start within 15 calendar days after the contract is signed and must be completed within 90 days thereafter, according to the Work Activity Schedule. After 90 days have passed, GCHFH will charge the Contractor **liquidated damages** of \$200 per day for each business day the contracted work is not completed. The total amount will be deducted from the final

payment amount due to the Contractor. Contract extension requests should be submitted and approved by GCHFH, in writing, via Change Order. When an Invitation for Bids (IFB) includes multiple homes, each home will have a separate contract and work schedule.

- 1.1. **Payment Schedule:** Payments due the Contractor will be paid within 30 days after Genesee County Habitat for Humanity issues a certificate of completion, and receives the Contractor's satisfactory release of liens or claims for liens by sub-contractors, laborers, and materials suppliers for completed work or installed materials and invoice. Final payment shall not be made until GCHFH and the City of Flint has completed a final inspection and issued a certificate of completion. Contractors may draw on the contract for completed work if a Hold Order is filed and approved by the Contract Administrator.

STANDARD TERMS AND CONDITIONS

1. **Bid Opening:** Bids will be opened publicly at the time and place designated in the Invitation for Bids. Bids will be open to public inspection in accordance with applicable State law.
2. **Evaluation and Award:** The contract will be awarded to the lowest responsible and responsive bidder whose bid meets the requirements and criteria set forth in the Invitation for Bids. Unless otherwise indicated in the Invitation for Bids, Genesee County Habitat for Humanity reserves the right to award the contract in whole or in part, by item, by group of items, or by section where such action serves the best interests of GCHFH. Genesee County Habitat for Humanity reserves the right to reject any or all bids, to waive any informality in any bid, and to negotiate with the apparent successful bidder(s) in the best interest of Genesee County Habitat for Humanity.
3. **Cancellation: Rejection of Bids:** The Invitation for Bids may be canceled by Genesee County Habitat for Humanity at any time for any reason. Any bid received may be rejected in whole or in part when in the best interests of Genesee County Habitat for Humanity.
4. **Receipt of Bids:** It is solely the responsibility of the bidder to assure the timely receipt of its bid at the location indicated in the bid announcement. **LATE BIDS AND BIDS SENT BY FACSIMILE OR BY EMAIL WILL NOT BE ACCEPTED.**
5. **Tax:** Genesee County Habitat for Humanity is a 5013C Corporation and as such it is exempt from Federal Excise Tax and Michigan Sales Tax.

6. **Non-Discrimination:** The successful bidder/Contractor covenants that it will not discriminate against an employee or applicant of employment with respect to hire, tenure, terms, conditions, or privileges of employment, or a matter directly or indirectly related to employment, because of race, color, religion, national origin, age, sex, height, weight, marital status or a disability that is unrelated to the individual's ability to perform the duties of a particular job or position, and that it will require the same non-discrimination assurances from any subcontractor who may be used to carry out duties described in this contract. Breach of this covenant shall be regarded as a material breach of this contract.
7. **Performance Bond:** If a performance bond is required, the bond must be issued by a company authorized to do business in the State of Michigan.
8. **Conflict of Interest:** Each bidder, by submitting a bid, represents that the bidder has no knowledge that any employee, representative or agent of the bidder is a Genesee County Habitat for Humanity employee who has directly or indirectly participated on behalf of Genesee County Habitat for Humanity in the contemplated procurement, or that any Genesee County Habitat for Humanity employee who has so participated or any member of such an employee's immediate family has a financial interest pertaining to the contemplated procurement from the bidder, and represents that the bidder reasonably believes that no employee, representative or agent of bidder is a Genesee County Habitat for Humanity employee who has so participated and that no Genesee County Habitat for Humanity employee who has so participated or member of that employee's immediate family has a financial interest in the contemplated procurement from the bidder.
9. **Inspection:** All goods are received subject to inspection and testing. If goods are defective or fail to meet the bid specifications, Genesee County Habitat for Humanity shall have the right to reject the goods or to correct the defects. The contractor shall pay Genesee County Habitat for Humanity for expenses incurred in correcting defects. Rejected goods will be held for forty-five days after delivery awaiting instructions from the contractor. After the forty-five day period, Genesee County Habitat for Humanity will dispose of the goods without further liability to Genesee County Habitat for Humanity. The contractor is responsible for the costs of handling, packing, and transportation incurred in returning or disposing of defective or non-conforming goods.
10. **Bidder's Representations:** Each bidder by submitting a bid represents as follows:
 - a. That the bidder has read and understood the bidding documents and has bid in accordance therewith;
 - b. That the bid has been submitted by a duly authorized owner, partner, or corporate officer;
 - c. That the bid submitted has been prepared independently without collusion, agreement, understanding, or planned common course of action with any other

supplier of the goods or services described in the Invitation for Bids, designed to limit independent bidding or competition.

11. **Independent Contractor:** Bidder agrees that if awarded a contract, bidder shall be an independent contractor and not an employee of Genesee County Habitat for Humanity. The contractor shall secure at its own expense all personnel required in supplying goods or services under the awarded contract. All such personnel shall have no contractual relationship with Genesee County Habitat for Humanity and shall not be considered employees of Genesee County Habitat for Humanity.
12. **Insurance:** Each bidder must submit a completed Bidder's Insurance Checklist, if so stipulated in the IFB. The required coverage and minimum limits may vary dependent upon the dollar amount of the contract, length of time of the contract, and the hazard level of the work or services to be performed. The types of insurance coverage may include: workers compensation, general liability, auto liability and/or professional liability. The insurer, insurance retention group, pool, or self-insurer must be authorized/licensed to provide such coverage within the State of Michigan and meet minimum financial ratings, if applicable, as supplied by Best or S & P.
13. **Indemnification:** The successful bidder shall defend, indemnify, and hold harmless Genesee County Habitat for Humanity and its officers and employees from and against all claims, losses, damages, and expenses including but not limited to attorney's fees, arising out of or resulting from the performance of the contract.
14. **Warranty:** The bidder warrants that all goods and services furnished under a contract resulting from the Invitation for Bids shall be in conformance with the bid documents and that the goods are of merchantable quality as described in the Uniform Commercial Code, Section 2-314, and fit for the purpose for which they are sold. This warranty is in addition to any manufacturer's standard warranty which may apply or any warranty provided by law, and is in addition to all other express warranties made by the bidder.
15. **Applicable Law:** Any contract resulting from the Invitation for Bids shall be governed by the laws of the State of Michigan. Unless otherwise provided in the contract documents, the contractor shall secure and pay for all permits, fees, duties, licenses, inspections, and approvals necessary for the execution and completion of the contract. The contractor shall give all notices and comply with all laws, ordinances, rules, regulations, and lawful orders of any public authority bearing on the performance of the contract.
16. **Right to Inspect:** Genesee County Habitat for Humanity may, at reasonable times, inspect the plant, place of business, or work site of a contractor or subcontractor which is pertinent to the performance of a contract or potential contract.
17. **Right to Audit:** Genesee County Habitat for Humanity may at reasonable times and places, audit the books and records of any contractor who has submitted cost or pricing

data as a part of its bid, to the extent that such books and records are pertinent to such cost or pricing data for a period of three years from the date of final payment under the contract. Genesee County Habitat for Humanity shall be entitled to audit the books and records of a contractor or subcontractor other than a firm fixed-price contract to the extent that such books and records are pertinent to the performance of such contract or subcontract. Such books and records shall be maintained by the contractor for a period of three years from the date of final payment under a prime contract and by the subcontractor for a period of three years from the date of final payment under a subcontract.

18. **Safety:** Genesee County Habitat for Humanity, as the owner of the premises where the service or work is to be performed, or as the purchaser of goods received, requires that all applicable Michigan Occupational Health & Safety (MIOSHA) Rules and Regulations are followed by your employees and that the goods meet the applicable safety regulation. All Center of Disease Control guidelines (CDC) incorporated by reference within the MIOSHA regulations must be followed.

HOUSE SPECIFICATION SHEETS & BID FORMS

- Please bid on the attached GENESEE COUNTY HABITAT FOR HUMANITY HOME REHABILITATION PROGRAM – CONTRACTOR WORK ACTIVITY SCHEDULE. A cost is to be provided for every item/service listed.
- A contractor must bid on the address offered in this bid and provide the total bid amount in the Bid Summary.
- Submitted bids must be not more than 10% lower or 15% higher than the cost estimate. If the amount of any bid received is outside of this range, the bid shall be rejected.
- When required, Lead Reports for the corresponding house are available at the Genesee County Habitat for Humanity website www.geneseehabitat.org/construction.html click on – Current Bids, select the appropriate bid number and then the Lead Report for the address.
- Section 3 requirements:
 With respect to recipients of Housing and/or Community Development funding, all contractors (or subcontractors) receiving covered funds in excess of \$100,000 to complete projects involving housing construction, rehabilitation, or other public construction are required to comply with the requirements of Section 3. The threshold of \$100,000 is base on the BID TOTAL for Genesee County Habitat for Humanity Invitations for Bid.
 When BID TOTAL exceeds \$100,000 the form **CERTIFICATION FOR BUSINESS CONCERNS SEEKING SECTION 3 PREFERENCE IN CONTRACTING AND DEMONSTRATION OF CAPABILITY** is to be completed and included with the bid. When the award notification is made, the successful bidder will be instructed regarding the appropriate verification required prior to signing the contract.
- Contractors must verify all unit quantities listed on the enclosed specification sheets prior to submitting a bid.

BID SUMMARY

ADDRESS & JOB #	BID TOTAL FOR
_____	\$ _____

Company/Phone _____

Signature _____ Date _____



SPECS BY LOCATION/TRADE

Pre-Bid Site Visit: 11/1/17@9:30am

Case Number: GCH-1716

Bid Close Date: 11/8/17@5pm

Project Manager: Thomas Hutchison

Bid Opening Date: 11/9/17@9am

Phone (810)766-9089ext.211

Address: 2721 Prospect Street

Unit: Unit 01

Location: 1 - Kitchen

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Location: 1 - Kitchen

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
Trade: 25 Appliances					
8	8595 APPLIANCE--CUSTOM Remove kitchen vent fan, and terminate wiring to code. Insulate cavity and repair tearout to match existing materials. Homeowner will paint interior drywall patch.	1.00	EA	_____	_____

Location Total: _____

Location: 2 - Bathroom

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
Trade: 1 General Requirements					
9	709 DEMO -- BATHROOM Remove commode, vanity. Dispose of in a code legal dump. Remove tub and save for reinstallation.	1.00	EA	_____	_____
Trade: 10 Carpentry					
10	2312 SUBFLOOR--3/4" Remove tile and subflooring. Leave tile trim. Install 3/4" tongue and groove CDX plywood decking nailed 8" on center using screw shank or cement coated nails. Level floor to base of trim.	40.00	SF	_____	_____
Trade: 19 Paint & Wallpaper					
11	5485 PREP & PAINT SURFACE--FLAT Remove or cover hardware and accessories not to be painted. Scrape loose, peeling, cracked and blistered areas. Clean oil, grease, fungus, dirt and dust from surfaces. Fill holes and cracks. Prime all new materials and spot prime existing with acrylic latex. Top coat with owner's choice of premixed acrylic latex. Paint all non tiled surfaces on wall and ceiling. Replace or uncover hardware, fixtures and accessories.	130.00	SF	_____	_____

Trade: 20 Floor Coverings					
12	5925 VINYL SHEET GOODS Secure existing underlayment if present. Fill seams, holes and other defects with a manufacturer approved filler to create a smooth surface. Install 070" vinyl sheet goods with a minimum of seams per manufacturer's recommendations. Install metal edge strips in openings. Owner's choice of pattern and color.	40.00	SF	_____	_____

Trade: 22 Plumbing					
13	6924 BATHTUB/SHOWER - REPLACE HARDWARE Replace shower head, faucet, diverter and drain with EPA certified components and 15 year drip free warranty to ensure a leak free assembly. All fixtures to be mounted securely to wall. Caulk all seams	1.00	EA	_____	_____
14	7045 INSTALL TUB	1.00	EA	_____	_____

Address: 2721 Prospect Street

Unit: Unit 01

Location: 2 - Bathroom

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
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Trade: 22 Plumbing

Reinstall tub, hook up to drain to insure a leak free assembly.
Caulk all seams

Trade: 23 Electric

15	7761	ENERGY STAR 4 BULB BATH VANITY FIXTURE	1.00	EA	_____	_____
Install an Energy Star approved, over vanity light fixture using led bulbs installed above the sink.						

Location Total: _____

Location: 3 - Rear Bedroom

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
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Trade: 10 Carpentry

16	2995	WINDOW-- CUSTOM	1.00	EA	_____	_____
Replace metal security bars at window with swing away security bars						

17	3135	DOOR HARDWARE--CUSTOM	2.00	EA	_____	_____
Replace door knob at bedroom and closet doors. Color and finish choice by owner from available.						

Trade: 23 Electric

18	8010	CEILING FAN	1.00	EA	_____	_____
Install a switch operated, 52" ceiling fan directly to framing or hung on a manufacturer's recommended metal brace. Owner's choice of antique or polished brass finish of Hunter "Summer Breeze" or approved equal. Replace switch and defective wiring if necessary.						

Location Total: _____

Location: 4 - Main Bedroom

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
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Trade: 23 Electric

19	7560	RECEPTACLE REPLACE	1.00	EA	_____	_____
Replace receptacle with duplex receptacle and cover plate. Color choice from existing by owner.						

Location Total: _____

Location: 5 - 2ed FI Bedroom

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
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Location: 5 - 2ed FI Bedroom

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
Trade: 10 Carpentry					
20	2520 HANDRAIL--REPLACE INTERIOR Install 2" round hardwood handrail to code, screwed to metal handrail braces that are attached to studs with screws that enter the framing at least 1 inch, or if fastening to a masonry wall use minimum 3/8 inch diameter plastic masonry plug fasteners and compatible screws. All edges will be eased to a smooth and rounded condition.	15.00	LF	_____	_____

Trade: 16 Conservation					
21	4965 INSULATION - FOAM BOARD Install 2" foil faced foam board insulation per the manufacturer's most recent specifications on the back side of the built in shelving units. Remove all door and window casings. Trim excess foam where it has expanded past the existing wall plane. Tack the foam boards to the wall with a compatible Low VOC adhesive. Handle boards with care to avoid damage to the edges. Edges of boards must butt directly to each other and all seams must be taped with a manufacturer's approved foil tape.	20.00	SF	_____	_____
22	4999 INSULATE ATTIC DOOR Glue foil faced Polyisocyanurate insulation boards together to create a 6" thick (R-39) assembly on the top of the attic hatch/door. Wrap edges of the foam board with foil faced tape (not cloth duct tape) to cover the exposed foam edges and extend the foil tape onto the top of the foam board assembly. Weatherstrip the top edge of the casing that supports the door in its frame with foam adhesive faced weatherstripping tape so that there is no air leakage around the door. Caulk and/or foam the frame and trim for the door to create an air tight frame that provides a continual thermal barrier at the ceiling level when combined with attic insulation.	2.00	EA	_____	_____

Location Total: _____

Location: 6 - Side Entry

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
Trade: 10 Carpentry					
23	3075 DOOR CASING--REPLACE Insulate open cavities in jam. Replace missing door casing. Install casing to match existing as closely as possible.	7.00	LF	_____	_____
Trade: 23 Electric					
24	7730 LIGHT FIXTURE--REPLACE Replace a ceiling mounted, 2 bulb, UL approved, incandescent light fixture with shade and lamps. \$30 allowance for fixture.	1.00	EA	_____	_____

Location Total: _____

Location: 7 - Basement

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
Trade: 7 Masonry					
25	1104 BASEMENT WALL -- CRACK REPAIR In the southeast corner of the basement clean area to be repaired and chisel or grind "V" shaped groove at crack. Patch with waterplug cement flush with surrounding surface. seal between basement floor and foundation with baking rod and Sika, or approved equal sealant.	60.00	SF	_____	_____
Trade: 10 Carpentry					
26	2520 HANDRAIL--REPLACE INTERIOR Install 2" round hardwood handrail to code, screwed to metal handrail braces that are attached to studs with screws that enter the framing at least 1 inch, or if fastening to a masonry wall use minimum 3/8 inch diameter plastic masonry plug fasteners and compatible screws. All edges will be eased to a smooth and rounded condition.	11.00	LF	_____	_____
Trade: 16 Conservation					
27	4996 INSULATE RIM JOIST--FOAM After removing batt and cleaning the area thoroughly, apply expanding spray foam to the exposed rim joist at the entire perimeter of the basement and/or crawl space exterior walls. Install to R-19 or 4" at a minimum. Use a spray foam product that meets Underwriters Laboratories, Inc. (UL) classification Certificate R7813 such as Dow FROTH-PAK FS Foam or Handi-Foam Two Component E-84 Class A Foam. Insulate from the subfloor for the first floor to the top of the foundation wall and seal all penetrations and the top of the foundation. Seal all openings within the area of the rim joist created by plumbing, gas lines, electrical boxes or any other penetrations.	50.00	LF	_____	_____
Trade: 21 HVAC					
28	6005 CLEAN HVAC Block off all registers and vacuum ducts using NADCA (National Air Duct Cleaners Association) ACR standards http://acrstandard.nadca.com/ . All vacuum equipment will be hepa filtered or vented to exterior and capable of retaining dislodged debris. Service opening construction materials and methods shall be in compliance with industry standards and local codes, using materials acceptable under those standards and codes. Clean furnace blower and install new furnace filter unless furnace replacement is listed in these specifications or otherwise specified by Habitat representative.	1.00	EA	_____	_____
29	6041 FURNACE 90+ GAS - REPLACE Use the most recent version of the Air Conditioning Contractors of America (ACCA) Manual J residential load calculation tool http://www.acca.org/tech/manualj/ (calculate the load with manual J based on the post rehab building envelope), and use the most recent version of ACCA's Manual S for equipment selection. Provide both Manual J and S reports to the Owner for review and approval prior to installation. Remove existing furnace, recycle all metal components and dispose of all other	1.00	EA	_____	_____

Location: 7 - Basement

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
Trade: 21	HVAC				
	materials in a code legal dump. Install a 90+ gas fired forced air furnace with minimum AFUE rating of 90% on 2" patio block to existing duct work and gas line. New furnace will have minimum limited warranties of: 20 years on heat exchangers; 5 years on parts. New furnace to be vented with PVC piping per manufacturer's specifications. Install a set back thermostat with separate weekday and weekend programs, 4 settings per day, a vacation hold feature and a lighted digital display such as the Lux Model Psp511LC, vent pipe and new shut-off valve. Rework cold air return if necessary to ensure easy access, good fit and easy replacement of air filter. An exterior return air filter box or boxes shall be installed to filter all return air to the new furnace. Seal all exposed duct joints and seams with Duct Mastic. Remove all existing cloth duct tape prior to installing mastic.				
Trade: 23	Electric				
30	7545 ELECTRIC SERVICE--CUSTOM Label electric panel	1.00	EA	_____	_____
31	7575 RECEPTACLE--20 AMP CIRCUIT Install 20 amp, duplex receptacle at laundry with a matching plastic cover plate on a separate circuit with an individual over protection device to code.	1.00	EA	_____	_____
32	7620 DRYER CIRCUIT--30 AMP Install 220 volt, 30 amp, surface mounted receptacle on an individual circuit.	1.00	EA	_____	_____
33	7727 LIGHT FIXTURE--PULL CHAIN Install 1 porcelain pull chain and 1 switch operated lamp fixture with a lamp on an approved electrical box.	2.00	EA	_____	_____
Location Total:				_____	_____

Location: 8 - Exterior

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
Trade: 4	Site Work				
34	550 REGRADE FOUNDATION Provide and grade a loam topsoil to create at least a 1 in 4 positive drainage away from house a minimum of 4' from the foundation where allowed. Reseed the specified area using Fine Fescue seed or a grass seed recommended by the State Extension Service to be non-invasive and drought tolerant. Aerate the specified section using a plug style aerator administering 4 passes. Water the area thoroughly to a depth of 6 inches. Just prior to seeding, apply one half pound of nitrogen per 1000 square feet in a complete fertilizer. Gently rake the fertilizer into the soil and apply the Fine Fescue seed evenly at a rate of 4.5 pounds per square foot. See www.csrees.usda.gov/Extension/index.html for a listing of USDA Extension Offices.	138.00	LF	_____	_____

Location: 8 - Exterior

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
Trade: 4 Site Work					
Trade: 5 Demolition & Disposal					
35	710 DEMO NON BEARING PARTITION Remove back porch partition. Dispose of in code legal dump.	102.00	SF	_____	_____
36	755 DEMO/REBUILD PORCH Demolish all wood members of porch including deck, railing/walls, substructure, lattice and steps and dispose of in code legal dump. Rake yard clean. Rebuild porch to like footprint. Cap over concrete porch members with treated lumber to code. Patch trim and siding matching as closely as possible in like kind.	108.00	SF	_____	_____
37	765 DEMO CONCRETE Break up concrete and remove off site to code legal dump.	150.00	SF	_____	_____
Trade: 7 Masonry					
38	1104 BLOCK FOUNDATION -- CRACK REPAIR Clean area to be repaired and chisel or grind "V" shaped groove at crack. Patch with waterplug cement flush with surrounding surface.	36.00	LF	_____	_____
39	1340 CHIMNEY CAP Replace chimney cap with a 2'x2' precast, concrete cap cemented in place.	1.00	EA	_____	_____
Trade: 15 Roofing					
40	4645 GUTTER/DOWNSPOUT--5" SEAMLESS Dispose of original and replace with 5", K Type, seamless, .027 aluminum gutter, downspout, hinged downspout extensions and accessories to service entire dwelling. Install downspouts at each corner and major offset with straps 3' on center. Color choice by owner.	113.00	LF	_____	_____
Trade: 16 Conservation					
41	4912 INSULATE WALL/CEILING/FLOOR CAVITY-CLOSED CELL FOAM Remove MDF under bump out at front of house. Install closed cell polyurethane spray foam into the specified building envelope cavity to 4". Moisture content of all components of the cavity must be less than 11% at the time of the application of the foam. Seal cavity with 3/4" treated ply. Submit images to Habitat Home Repair Manager showing completed application and insulation depth.	30.00	SF	_____	_____
42	5100 SEAL BETWEEN DRIVEWAY AND FOUNDATION Remove any loose or damaged asphalt, concrete or sealant between driveway and foundation. Install backing rod and Sika or equivalent sealant.	14.00	LF	_____	_____

Address: 2721 Prospect Street

Unit: Unit 01

Location: 8 - Exterior

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
Trade: 23	Electric				
43	8155 EXTERIOR LIGHT--REPLACE Remove fixture and install a UL listed, one bulb, incandescent exterior light fixture.	1.00	EA	_____	_____

Location Total: _____

Unit Total for 2721 Prospect Street, Unit Unit 01: _____

Address Grand Total for 2721 Prospect Street: _____

Bidder: _____