



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 unoccupied address: 621 W. Hamilton Ave. 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 2/28/18 @ 5pm 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 2/28/18 @ 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 2/21/18, 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 3/1/18 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: 2/21/18 @ 9:30am

Case Number: GCH-1805

Bid Close Date: 2/28/18 @ 5pm

Project Manager: Thomas Hutchison

Bid Opening Date: 3/1/18 @ 9am

Phone (810)766-9089 ext. 211

Address: 621 W Hamilton Avenue

Unit: Unit 01

Location: 1 - General Requirements

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
Trade: 1 General Requirements					
1	2 CITY OF FLINT HOME FUNDED PROJECT This job is under a City of Flint HOME Grant. It requires a final HQS Inspection of work performed, and a final inspection by Habitat before the final invoice, full conditional waiver, and requisite permit certificates are submitted. Habitat will schedule HQS inspection. Replacement of security and entry doors, appliances, water heater and furnace will be scheduled with Habitat to coincide with the removal of VPS System and HQS inspection.	1.00	AL	_____	_____
2	36 BUILDING PERMIT REQUIRED The contractor is responsible for submitting this owner-prepared work write up to the building department, applying for, paying for and receiving a building permit prior to starting any work.	1.00	EA	_____	_____
3	37 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.	1.00	EA	_____	_____
4	38 PLUMBING PERMIT REQUIRED Prior to the start of work, the contractor shall: create a riser diagram, septic layout and all other documentation needed to apply for, pay for and receive a plumbing permit on behalf of the owner.	1.00	EA	_____	_____
5	39 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.	1.00	EA	_____	_____
6	120 FINAL CLEAN Remove from site all construction materials, tools and debris. Clean all floors, walls, and surfaces including the yard and porches.	9.00	RM	_____	_____

Location Total: _____

Location: 2 - Exterior

Approx. Wall SF: 0

Ceiling/Floor SF: 0

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

Location: 2 - Exterior

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
Trade: 10 Carpentry					
7	2635 SIDING--VINYL REPAIR Remove damaged siding to nearest stud. Install solid PVC 4 over 4 siding including all trim, corner and starter pieces. Match existing as closely as possible in color, exposure and texture.	16.00	SF	_____	_____
8	2685 AWNING--REPLACE Replace awning at south facing entrance. Construct and paint to match existing. Include sheathing, ice and water, drip edge, flashing and j channel to match existing. Use shingles on eastern porch.	15.00	SF	_____	_____
9	3875 HOUSE NUMBER SET Install 3" high metal or PVC house numbers to match existing as closely as possible.	1.00	EA	_____	_____
10	3885 MAILBOX At front entry, install a steel, black enamel finish, letter-size mail box with magazine rack and lock-eye for padlock.	1.00	EA	_____	_____
Trade: 15 Roofing					
11	4640 DOWNSPOUT--5" SEAMLESS ALUMINUM Install 36" hinged downspout extensions on all downspouts, include 2x90 deg and 2' of downspout at western porch.	6.00	LF	_____	_____
Trade: 19 Paint & Wallpaper					
12	5760 PREP & PAINT CONCRETE WALL On western porch, scrape loose, peeling, cracked, blistered paint from concrete surface. Wash dirt fungus, dust from surface. Patch, spot prime and top coat with grey concrete paint to match existing.	60.00	SF	_____	_____
Trade: 22 Plumbing					
13	7135 HOSE BIBB Install a bronze, freeze free hose bibb on south west side of house with inside shut-off valve and backflow preventer. Seal exterior penetration with silicone caulk.	1.00	EA	_____	_____
Trade: 23 Electric					
14	8061 SECURITY SYSTEM-REPAIR, CUSTOM Reinstall Midnight Security system where torn out next to the eastern entry and living room. Service to be turned on by buyer.	1.00	EA	_____	_____

Location Total: _____

Location: 3 - Basement

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
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Location: 3 - Basement

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
Trade: 21 HVAC					
15	6041 FURNACE 90+ GAS - REPLACE Pick up 90+ gas fired forced air furnace from Habitat (101 Burton St., Flint, MI 48503) Install a with minimum AFUE rating of 90% on 2" patio block to existing duct work and gas line New furnace to be vented with PVC piping per manufacturer's specifications. Rework duct and venting where necessary. 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. Rewire independent circuit from panel to code.	1.00	EA	_____	_____
16	6325 HEAT DUCT AND REGISTER Install low velocity insulated metal or flexible duct work from main trunk to floor or wall register to service kitchen	1.00	EA	_____	_____
Trade: 22 Plumbing					
17	6633 SUPPLY--PEX Install PEX (cross-linked polyethylene) tubing to supply domestic water from the meter to the T. Allow for manufacturer's required slack to compensate for expansion and contraction. Pressure test the system prior to charging with water. Additional leak repair may be required after water service is reinstated, and will be done on a change order basis.	8.00	LF	_____	_____
18	7077 WATER HEATER-- 40 GAL GAS--POWER VENTED Pick up 40 gallon power vented water heater from Habitat (101 Burton St., Flint, MI 48503). Include pressure and temperature relief valve, discharge tube to within 6" of floor, condensate pump, and all duct work to power vent to exterior. Rework existing pex and venting where necessary. Discharge tube shall be directed to the drain.	1.00	EA	_____	_____
Trade: 23 Electric					
19	7460 GROUND WIRE Replace defective or inadequate electric service ground wire per the current National Electric Code.	1.00	EA	_____	_____
20	7795 LIGHT FIXTURE--CUSTOM Install 5 led bulbs in basement fixtures	5.00	EA	_____	_____
Trade: 25 Appliances					
21	8510 WASHER-DRYER--ENERGY STAR Install a matched pair ENERGY STAR Washer and a 240 volt Electric Dryer. Use braided steel water supply lines and a smooth rubber drain line connected to a 2 inch drain with trap. The dryer will be vented directly to the outside using galvanized 4 inch duct with all seams sealed with duct mastic, and	1.00	EA	_____	_____

Location: 3 - Basement

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
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Trade: 25 Appliances

securely fastened to framing. DO NOT use plastic dryer duct.
A maximum 2 foot length of flexible metal duct is permissible
between the dryer and the galvanized duct.

Location Total: _____

Location: 4 - Kitchen

Approx. Wall SF: 0

Ceiling/Floor SF: 0

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

22	2810 REPLACE GLASS--VINYL SASH Remove broken pane of glass, glazing and points. Replace to match existing	1.00	EA	_____	_____
23	2820 ALUMINUM SCREEN & FRAME Field measure and install an aluminum screen and frame in window opening where missing.	3.00	EA	_____	_____
24	3165 DOOR & FRAME--METAL SECURITY Field measure and install a barred security door in a steel angle iron frame, and a heavy duty galvanized steel screen, with a single cylinder dead bolt lockset. Use 1/2"x 1/2" steel bars no more than 5" on center.	1.00	EA	_____	_____
25	3184 DOOR -- PREHUNG METAL ENTRANCE -- ENERGY STAR At southern entry, install a Jeld Wen or equal ENERGY STAR certified insulated prehung steel door to match existing size, hang and style, a passage latch and double cylinder dead bolt keyed to match the deadbolts of other exterior doors.	1.00	EA	_____	_____
26	3717 CABINET - WOOD BASE Install base cabinets constructed of solid hardwood face-frames, doors and draw fronts. Drawer boxes shall be plywood. Carcasses will be joined using metal or plastic corner bracing. All particleboard and MDF components must comply with California 93120 (formaldehyde content) or all exposed edges must be sealed with a low-VOC sealant. Install "D" shaped pulls on all doors and drawers even when finger grooves exist. Owner will choose style & finish from those available in line proposed by contractor.	12.00	LF	_____	_____
27	3725 CABINET--WOOD WALL Field measure and screw to studs, level and plumb, kitchen wall cabinet. Door to have solid wood stiles and plywood panels. Frame to have solid wood stiles, 1/4" plywood sides, metal or plastic corner bracing.	20.00	LF	_____	_____
28	3750 COUNTER TOP--PLASTIC LAMINATE Dispose of counter top. Field measure and screw to base cabinet a post formed, plastic laminate counter top and matching splash guard. Match existing as close as possible. Caulk all seams.	12.00	LF	_____	_____

Trade: 17 Drywall & Plaster

Location: 4 - Kitchen

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
Trade: 17 Drywall & Plaster					
29	5208 DRYWALL--PATCH--SMALL Repair damaged drywall. Apply patching plaster to 1/4" of surface. Finish with compound, wet sand, spot prime and paint to match existing as closely as possible.	5.00	SF	_____	_____
Trade: 22 Plumbing					
30	6835 SINK--DOUBLE BOWL COMPLETE 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, grease trap, 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.	1.00	EA	_____	_____
Trade: 23 Electric					
31	7560 RECEPTACLE REPLACE Replace missing receptacle above range hood circuit with duplex receptacle and cover plate to match existing. Inspect box mounting to ensure the cover plate fits tight to wall.	1.00	EA	_____	_____
32	7836 RE CIRCULATING RANGE HOOD--ENERGY STAR Install a recirculating white enameled ENERGY STAR range hood with integral minimum 2 speed fan control and light switched separately capable of a minimum 150 CFM at a maximum of 7 sones such as the Boran QSE130 series. Wire into existing line. Attach hood to cabinet with screws.	1.00	EA	_____	_____
Trade: 25 Appliances					
33	8415 GAS STOVE--30" Dispose of old stove. Install a white, 30" wide, pilotless, gas stove including gas oven and electrical connections.	1.00	EA	_____	_____
34	8475 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.	1.00	EA	_____	_____
Location Total:					_____

Location: 5 - Eastern Entry

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
Trade: 10 Carpentry					
35	2820 ALUMINUM SCREEN & FRAME Field measure and install an aluminum screen and frame in window opening where missing.	3.00	EA	_____	_____
36	2841 TRIM--WINDOW SET, INTERIOR--2 1/4" COLONIAL Trim window including header, stops, casings, stool and apron	8.00	EA	_____	_____

Location: 5 - Eastern Entry

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
Trade: 10	Carpentry				
	in WM-376fj 11/16" x 2-1/4" wide colonial style casing, in finger jointed pine. Caulk all seams.				
37	3165 DOOR & FRAME--METAL SECURITY Field measure, fabricate, prime, topcoat and install a barred security door in a steel angle iron frame, and a heavy duty galvanized steel screen, with a single cylinder dead bolt lockset. Use 1/2"x 1/2" steel bars no more than 5" on center.	1.00	EA	_____	_____
38	3185 DOOR--PREHUNG METAL ENTRANCE Dispose of door and frame. Install a prehung metal, insulated, 6-panel entrance door and jamb including interior and exterior casing, weatherstripping, interlocking threshold, door stop, one entrance and one mortised deadbolt keyed alike.	1.00	EA	_____	_____
Trade: 23	Electric				
39	7555 COVER PLATE Install a double switch cover plate to match existing.	1.00	EA	_____	_____
Location Total:					_____

Location: 6 - Dining Room

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
Trade: 23	Electric				
40	7752 ENERGY STAR INTERIOR CEILING FIXTURE Install a flush mounted ceiling light fixture to match existing	1.00	EA	_____	_____
Location Total:					_____

Location: 7 - Bathroom

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
Trade: 10	Carpentry				
41	3765 VANITY TOP--REPLACE Install a ceramic precast sink+vanity combo to match existing size and style.	1.00	LF	_____	_____
42	3825 MEDICINE CABINET--SURF MOUNT Install a 16"x22" metal, surface mounted medicine cabinet with hinged plate glass mirror to match vanity.	1.00	EA	_____	_____
Trade: 22	Plumbing				
43	6875 FAUCET--LAVATORY SINGLE LEVER--1.5 GPM Install a washerless, single control, metal bodied faucet with a 15 year drip-free warranty and a maximum flow rate of 1.5 GPM. Include chromed brass shut off valves and trap if not existing.	1.00	EA	_____	_____

Location: 7 - Bathroom

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
Trade: 22 Plumbing					
44	6924 BATHTUB/SHOWER - REPLACE HARDWARE Replace shower head, faucet and diverter with EPA certified components and 15 year drip free warranty to ensure a leak free assembly. Repair any tearout.	1.00	EA	_____	_____
Trade: 23 Electric					
45	7761 BATH VANITY FIXTURE Install an Energy Star approved, over vanity light fixture using GU24 base lamps such as Efficient Lighting's Model # EL-205G-223 installed above the sink.	1.00	EA	_____	_____
46	7820 BATH VENT FAN Install a ceiling or through-the-wall, exterior ducted, vent fan with damper, and chrome faceplate capable of 60CFM at 60 sonos.	1.00	EA	_____	_____
Location Total:					_____

Location: 8 - SW Bedroom

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
Trade: 10 Carpentry					
47	3345 DOOR--FLUSH INT, HOLLOW CORE Install flush, hollow core, masonite door on existing jamb. Include privacy lockset and 2 butt hinges.	1.00	EA	_____	_____
Trade: 17 Drywall & Plaster					
48	5270 DRYWALL--CEILING Remove existing ceiling drywall, and have building inspector inspect framing. Hang, tape and 3 coat finish 1/2" drywall. Apply a 3/8" bead of low VOC drywall adhesive to each framing member and install using drywall screws min. 1 5/8 long, 8" on center. Run boards with long dimension perpendicular to framing members. Sand ready, prime and top coat with white ceiling paint.	90.00	SF	_____	_____
Trade: 19 Paint & Wallpaper					
49	5485 PREP & PAINT WALLS 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 white latex to match existing finish. Replace or uncover hardware, fixtures and accessories.	304.00	SF	_____	_____
Trade: 21 HVAC					
50	6330 REGISTER--REPLACE	1.00	EA	_____	_____

Location: 8 - SW Bedroom

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
Trade: 21	HVAC				
	Replace missing or damaged register with an adjustable metal register.				
Trade: 23	Electric				
51	7752 ENERGY STAR INTERIOR CEILING FIXTURE Install a flush mounted ceiling light fixture to match existing.	1.00	EA	_____	_____
Location Total:					_____

Location: 9 - NW Bedroom

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
Trade: 10	Carpentry				
52	3345 DOOR--FLUSH INT, HOLLOW CORE Install flush, hollow core, masonite door on existing jamb. Include privacy lockset and 2 butt hinges.	1.00	EA	_____	_____
Location Total:					_____

Location: 10 - NE Bedroom

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
Trade: 10	Carpentry				
53	3345 DOOR--FLUSH INT, HOLLOW CORE Install flush, hollow core, masonite door on existing jamb. Include privacy lockset and 2 butt hinges.	1.00	EA	_____	_____
Location Total:					_____

Location: 11 - Attic

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
Trade: 16	Conservation				
54	4938 ATTIC INSULATION - CELLULOSE--DENSE PACK After air sealing (Spec # 16-4903) install blown in borate treated (no ammonium sulfate permitted) cellulose insulation dense-packed into closed floor cavities to a minimum density of 3.5 Lbs. per ft ³ . Maintain ventilation routes from soffit and other vents with baffles. Replace all material removed or cut to gain access to match existing materials. NOTE: If access to attic is via a fixed staircase insulate stairs to attic, landing & interior stairwell walls as part of this item. If access is via a hatch insulate the hatch with 3" of reflective foil faced polyisocyanurate foam and seal edges with compatible foil tape. If access is via a fold down stair insulate the stair with an airtight 2" thick reflective foil faced polyisocyanurate foam box	90.00	SF	_____	_____

Address: 621 W Hamilton Avenue

Unit: Unit 01

Location: 11 - Attic

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
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Trade: 16 Conservation

with seams and seal the edges with a compatible foil tape.

Location Total: _____

Unit Total for 621 W Hamilton Avenue, Unit Unit 01: _____

Address Grand Total for 621 W Hamilton Avenue: _____

Bidder: _____