



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: 4301 Red Arrow Rd., Flint, MI 48507

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 11/1/17 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** 11/1/17 @ 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 10/25/17, 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 10am.
3. The bid opening will take place on 11/2/17 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: 10/25/17@10am Case Number: GCH-1714
 Bid Close Date: 11/1/17@5pm Project Manager: Thomas Hutchison
 Bid Opening Date: 11/2/17@9am Phone: (810)766-9089 ext.211

Address: 4301 Red Arrow Road Unit: Unit 01

Location: 1 - General Requirements Approx. Wall SF: 0 Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
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Trade: 1 General Requirements

1	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	_____	_____
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Trade: 5 Demolition & Disposal

2	800 DUMPSTER--20 CUBIC YARDS After procuring all required permits, place a 20 cubic yard, roll-off dumpster without damaging the site. Collect construction debris using dust control methods.	1.00	EA	_____	_____
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Trade: 9 Environmental Rehab

3	9003 LEAD-SPECIFIC LAWS, RULES, REGULATIONS & GUIDELINES The execution of this work shall comply with all applicable federal, state and local laws, rules, regulations and guidelines for lead dust environments, including but not limited to: 29 CFR 1926.62 - Lead Construction Standard; 29 CFR 1910.1200 - Hazard Communication Standard; 40 CFR Part 745 - Lead-Based Paint Poisoning Prevention in Certain Residential Structures (EPA Regulations); 24 CFR Part 35 - HUD's Lead Safe Housing Rule. Lead and asbestos report for this property is available upon request from Habitat.	1.00	GR	_____	_____
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Location Total: _____

Location: 2 - Exterior Approx. Wall SF: 0 Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
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Trade: 5 Demolition & Disposal

4	755 DEMO-REBUILD PORCH Using lead safe practices demolish front porch. Temporarily support roof, and remove columns, railings, and platforms. Replace existing footprint with treated lumber to code.	134.00	SF	_____	_____
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Trade: 7 Masonry

5	1230 MASONRY--REPOINT After inspecting foundation repoint block where necessary. cut	30.00	SF	_____	_____
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Location: 2 - Exterior

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
Trade: 7	Masonry				
	out mortar at least 1/2". Remove all loose material with clear water. Saturate joints with water and repoint in 1/ 2" lifts using portland cement mortar or equal. Tool concave joints and clean brick face.				
Trade: 9	Environmental Rehab				
6	9477 VINYL BASEMENT WINDOW After establishing any required floor containment with polyethylene sheeting, wet mist, remove, wrap in polyethylene sheeting and dispose of entire basement window and jamb. Reframe opening with 2" x 8" casing and install an awning or slider type single glazed window with a piggyback storm window. Retrim opening with 1" x 4" casing. Prime and top coat wood with premium acrylic latex.	4.00	EA	_____	_____
7	9658 ENCAPSULATE SOFFIT After establishing any required ground containment with polyethylene sheeting, wet scrape/sand all surfaces, make necessary repairs, stabilize surface sand encapsulate with a Michigan approved exterior grade encapsulant. HEPA vacuum all visible paint chips, dust and debris.	134.00	LF	_____	_____
Trade: 10	Carpentry				
8	2982 WINDOW--VINYL--LOW E DBL HNG DBL GLZ ENERGY STAR - W/TRIM After establishing any required floor containment with polyethylene sheeting, wet mist, remove, wrap in polyethylene sheeting and dispose of any components containing Lead Based Paint. Detergent wash, rinse, allow to dry and HEPA vacuum any paint chips, dust and debris. Field measure and install a PVC, 1 over 1, single hung, double glazed, argon filled Low E window that meets the ENERGY STAR standards for this climate for U value and SHGC with 1 tempered and frosted window for the bathroom. Include 1/2 screen. Wrap exterior jamb and sill with .027" aluminum coil stock back caulked and nailed 6" on center. Retrim interior and exterior opening with casing, apron and stool, sill to match existing. Prep and paint white.	9.00	EA	_____	_____
Trade: 15	Roofing				
9	4580 TEAR OFF AND REROOF SHINGLES Remove and dispose of all roofing & sheathing. Cut a 1" wide vent at ridge board. Replace sheathing. Staple 15 lb felt. Install preformed white aluminum, drip edge, and vent pipe boots. Install a 220 lb fiberglass asphalt, dimensional shingle with a 25 yr warranty. Replace all flashing. Install shingle-over ridge vent.	12.00	SQ	_____	_____
10	4715 REPLACE GABLE VENT Using lead safe practices, install vinyl or aluminium gable vents to match existing footprint, color choice by owner.	2.00	EA	_____	_____
11	4755 FASCIA 1"X 6"	134.00	LF	_____	_____

Location: 2 - Exterior

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
Trade: 15 Roofing					
	Using lead safe practices remove existing fascia. Install a 1"x 6", #2 pine fascia with bevel cut joints using galvanized finish nails. Caulk over joints, and prime and paint with exterior paint. Color choice by owner.				
12	5690 ENCLOSE PORCH CEILING After establishing any required ground containment with polyethylene sheeting, mark "Lead Paint" every 10 square feet. Enclose ceiling with aluminium or vinyl non-vented soffit panels, color selected by owner. Back caulk all seams with siliconized acrylic to create a weathertight seal. HEPA vacuum all visible paint chips, dust and debris.	104.00	SF	_____	_____
Trade: 19 Paint & Wallpaper					
13	5765 PAINT EXTERIOR CONCRETE Protect ground with drop cloth. Scrape or wire brush all loose, peeling, cracked and blistered paint from surface of foundation. Spot prime with latex primer. Paint one top coat with latex. Color choice by owner.	290.00	SF	_____	_____
14	5810 PREP & PAINT EXTERIOR METAL Strip all surfaces of the coal door to the bare substrate. Make necessary repairs and recoat to match foundation.	4.00	SF	_____	_____
Trade: 23 Electric					
15	8155 EXTERIOR LIGHT--REPLACE Remove porch light fixture and install a UL listed, one bulb, incandescent exterior light fixture.	1.00	EA	_____	_____
Location Total:					_____

Location: 3 - Interior

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
Trade: 5 Demolition & Disposal					
16	708 REMOVE CARPET Wet carpet face with a mister. Gently roll carpet. Wrap with polyethylene sheeting plastic and create an airtight seal at both ends, remove from site and haul to a legal landfill. Vacuum floor surface with HEPA vac.	5.00	RM	_____	_____
Trade: 9 Environmental Rehab					
17	9129 CLEAN TO CLEARANCE After completion of all lead hazard reduction activities, wet mist, fold and remove all containment polyethylene sheeting. HEPA vacuum all visible surfaces including walls, floors, ceilings and window troughs from the top down. Detergent scrub all horizontal surfaces in small sections using a 3-bucket system, changing rinse water every 250 SF. Completely rinse with	704.00	SF	_____	_____

Location: 3 - Interior

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
Trade: 9	Environmental Rehab				
	clean water and new equipment. After surfaces are dry, HEPA vacuum all visible surfaces except ceiling.				
Trade: 10	Carpentry				
18	2395 FLOORING--WOOD CUSTOM Replace all carpeted areas with laminate wood flooring to manufactures specifications TRAFFIC MASTER 7mm or equal, include all nessissarry shoe molding and transitions. Finish choice by owner.	476.00	SF	_____	_____
Location Total:					_____

Location: 4 - Kitchen

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
Trade: 9	Environmental Rehab				
19	9519 INTERIOR DOOR - REPLACE WITH PREHUNG HOLLOW CORE After establishing any required floor containment with polyethylene sheeting, wet mist, remove, wrap in polyethylene sheeting and dispose of door, jamb and casing. Install a hollow core, preprimed, prehung door including a brass finish passage lever set. Retrim opening with pre primed door trim	1.00	EA	_____	_____
Trade: 19	Paint & Wallpaper				
20	5575 PREP & PAINT OCCUPIED ROOM Remove/cover all hardware, fixtures, furniture & personal items, not to be painted. Using lead safe practices wet scrape/sand all surfaces, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulant.	256.00	SF	_____	_____
Location Total:					_____

Location: 5 - Basement

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
Trade: 10	Carpentry				
21	2406 BASEBOARD--COLONIAL 3 1/4" Using lead safe practices, remove all base trim going from the kitchen to the basement. Install base to match existing as closely as possible with finish nails of sufficient length to penetrate framing 1". Mitre all lap joints, and break all lap joints over framing.	25.00	LF	_____	_____
22	2540 STAIRCASE--REPAIR BASEMENT Strip basement stair framing to substrate, make necessary repairs and recoat with floor paint, color choice by owner.	1.00	EA	_____	_____

Location: 5 - Basement

Approx. Wall SF: 0

Ceiling/Floor SF: 0

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

Support stairs and landing where necessassary. Remove all stair treads using lead safe practices, replace treads with pine 2x and paint to match framing. Install handrail to code.

Trade: 16 Conservation

23	4910 INSULATE WALL--R-19 KRAFT FACED BATT	4.00	SF	_____	_____
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After air sealing install R-19, kraft paper faced fiberglass roll insulation in coal chute cavity and cavity next to it per manufacturer's specifications, carefully fit around all mechanical and structural components so that there are no gaps, the batt is not compressed, and the cavities are completely filled. Install a nailing surface and cap cavity with primed plywood. Insulation must be inspected before the cavity finish is installed.

Trade: 19 Paint & Wallpaper

24	5485 PREP & PAINT SURFACE--FLAT	1.00	SF	_____	_____
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On the center basement column, strip all surfaces to the bare substrate, make necessary repairs and paint

Location Total: _____**Location: 6 - Bathroom**

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
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Trade: 9 Environmental Rehab

25	9519 INTERIOR DOOR - REPLACE WITH PREHUNG HOLLOW CORE	1.00	EA	_____	_____
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After establishing any required floor containment with polyethylene sheeting, wet mist, remove, wrap in polyethylene sheeting and dispose of door, jamb and casing. Install a hollow core, preprimed, prehung door including a brass finish passage lever set. Retrim opening with pre primed door trim

Trade: 19 Paint & Wallpaper

26	5575 PREP & PAINT OCCUPIED ROOM	115.00	SF	_____	_____
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Remove/cover all hardware, fixtures, furniture & personal items, not to be painted. Using lead safe practices, scrape loose, cracked, peeling, blistered surfaces. Feather edges & dull gloss surfaces with sand paper. Fill all holes/ cracks. Spot prime and top coat trim, ceiling, walls, doors & windows with owner's choice of finish and premixed acrylic latex. Include any closets. Replace furniture. Vacuum room.

Trade: 22 Plumbing

27	7012 COMMODO--REPLACE--1.28 GPF	1.00	EA	_____	_____
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Install a maximum 1.28 GPF white WaterSense® Certified,

Location: 6 - Bathroom

Approx. Wall SF: 0

Ceiling/Floor SF: 0

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

vitreous china commode tested through the latest edition of the "Maximum Performance" (MaP) testing project that has shown to score 800 or better on the MaP Flush Performance test (grams of solid waste removed in a single flush), such as the American Standard FloWise Compact Cadet 3 EL 2568.128. See the following link for the MaP Test Results: <http://www.cuwcc.org/WorkArea/showcontent.aspx?id=14058> Include a manufacturer's approved plastic or pressed wood white seat, supply pipe, shut-off valve, and wax seal.

28	7290	SHOWER--HANDICAPPED	1.00	EA	_____	_____
		Remove existing tub. Install a STERLING Accord 36 in. x 60 in. x 74-1/2 in. Shower Stall or equal to fit existing opening. Floor shall be non-slip with a maximum 4" lip at entrance. Include hinged seat 19" off floor and a 1-1/2" outside diameter chrome grab bar on opposite wall. A single lever control valve shall feed a fixed shower head and a hand held shower with 5' of stainless steel wrapped hose, through a single lever diversion valve.				

Trade: 23 Electric

29	7824	EXHAUST FAN--CONTINUOUS WITH SWITCH ACTIVATED BOOST	1.00	EA	_____	_____
		Install a Panasonic Whisper Green Model # FV-08VKS3 ceiling mounted ENERGY STAR qualified exhaust fan fixture or equal with a modulating DC motor capable of 80 CFM operating at less than .3 Sones, the capacity to run continuously at a preset CFM rating, a time delay feature for the boost setting, and vented w/ damper to exterior. Switch fan using a single pole switch at the entry or equip the fan with a humidistat sensor. Install 4" galvanized metal duct (not flex duct) and vent to the exterior ideally through a wall or gable end using a 4" hooded vent with damper. All duct seams and connections shall be sealed with duct mastic. Insulate ductwork in unconditioned space with vinyl or foil faced R 8 minimum duct insulation. Slope duct runs to the exterior at 1/4" per foot. Repair any damage to the ceiling installation and air seal fan/light assembly to the ceiling with low VOC caulk. Set the continuous level of ventilation to meet ASHRAE 62.2 and set the time delay switch to 20 minutes.				

Location Total: _____

Location: 7 - Southeast Bedroom (3)

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
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Trade: 9 Environmental Rehab

30	9519	INTERIOR DOOR - REPLACE WITH PREHUNG HOLLOW CORE	2.00	EA	_____	_____
		After establishing any required floor containment with polyethylene sheeting, wet mist, remove, wrap in polyethylene sheeting and dispose of entrance and closet door, jamb and				

Location: 7 - Southeast Bedroom (3)

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
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Trade: 9 Environmental Rehab

casing. Install a hollow core, preprimed, prehung door including a brass finish passage lever set. Retrim opening with pre primed door trim

Trade: 19 Paint & Wallpaper

31	5575 PREP & PAINT OCCUPIED ROOM	394.00	SF	_____	_____
	Remove/cover all hardware, fixtures, furniture & personal items, not to be painted. Using lead safe practices wet scrape/sand all walls and ceiling, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulant.				

Trade: 23 Electric

32	7675 REPLACE LIGHT SWITCH	1.00	EA	_____	_____
	Replace light switch with single pole, toggle switch and plastic cover plate to match existing.				

Location Total: _____**Location: 8 - Southwest Bedroom (6)**

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
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Trade: 9 Environmental Rehab

33	9519 INTERIOR DOOR - REPLACE WITH PREHUNG HOLLOW CORE	2.00	EA	_____	_____
	After establishing any required floor containment with polyethylene sheeting, wet mist, remove, wrap in polyethylene sheeting and dispose of entrance and closet door, jamb and casing. Install a hollow core, preprimed, prehung door including a brass finish passage lever set. Retrim opening with pre primed door trim				

Trade: 10 Carpentry

34	2407 BASEBOARD--COLONIAL 2 1/4"	42.00	LF	_____	_____
	Using lead safe practices, remove baseboard. Install finger jointed WM-626fj 9/16" x 2-1/4" colonial base with finish nails of sufficient length to penetrate framing 1". Mitre all lap joints, and break all lap joints over framing.				

Trade: 19 Paint & Wallpaper

35	5575 PREP & PAINT OCCUPIED ROOM	416.00	SF	_____	_____
	Remove/cover all hardware, fixtures, furniture & personal items, not to be painted. Using lead safe practices wet scrape/sand all walls and ceiling including closet, make necessary repairs, stabilize surfaces and encapsulate with a Michigan approved encapsulant.				

Location Total: _____

Unit Total for 4301 Red Arrow Road, Unit Unit 01: _____

Address Grand Total for 4301 Red Arrow Road: _____

Bidder: _____