Pre-Bid Site Visit:
Bidding Open Date:
Bidding Close Date:
Initial:

Project Manager: J R
Phone: $\qquad$


| Location: | 1 - General Requirements | Approx. Wall SF: 0 | Ceiling/Floor SF: 0 |  |
| :---: | :---: | :---: | :---: | :---: |
| Spec \# | Spec | Quantity | Units | Unit Price |

Trade: 1 General Requirements
paint colors shall be selected by the owner or project manager.

## APPLICANT ACCEPTS SCOPE OF WORK

The undersigned applicant(s) certifies that he/she has participated in the development of this Work Write Up (WWU) with the "Date inspected" date of $\qquad$ \& referred to as Exhibit 1. After careful review the applicant understands \& accepts the work described \& has initialed \& dated each page of this WWU.


HOW TO IDENTIFY LOCATION OF WORK
All locations, both exterior and interior, appearing in these specifications are based on looking at the house from the front. Locations will be identified as front, side, rear, center, first floor, second floor, etc. If in doubt as to where a work item is to be performed, ask the project manager.

## CONSTRUCTION DEFINITIONS

"Install" means to purchase, set up, test and warrant a new component. " Replace" means to remove and dispose of original material, purchase new material, deliver, install, test and warrant. "Repair" means to return a building component to like new condition through replacement, adjustment and recoating of parts. "Reinstall" means to remove, clean, store and install a component.

## VERIFY QUANTITIES/MEASUREMENTS

All measurements (i.e SF of Drywall, or those provided $\mathrm{w} /$ drawings) are for the contractor's convenience prior to a mandatory site inspection to verify all dimensions. All quantities (i.e.number of window units) are as stated. No claim for additional funds due to discrepancies in measurements or quantities shall be honored if not submitted at the time of the initial proposal.

BUILDING PERMIT REQUIRED
Information regarding permits is provided as guidance only. It is the responsibility of the buyer to obtain all permits required by the building/housing department of the municipality in which the property is located. The buyer, or the buyer through his or her contractor, is responsible for submitting the work specifications to the building/housing department, applying for, paying for and receiving all required permits prior to starting any work covered by each permit. The buyer, or the buyer through his or her contractor, is also responsible for requesting all required permit closeout inspections. A copy of the Cuyahoga Land Bank specifications must be included with the permit application. Permits obtained for only a portion of the specified work will not be acceptable to the Land Bank.

| Location: | 1 - General Requirements | Approx. Wall SF: 0 | Ceiling/Floor SF: 0 |  |
| :---: | :---: | :---: | :---: | :---: |
| Spec \# | Spec | Quantity | Units | Unit Price |

Trade: $1 \quad$ General Requirements
electrical permit on behalf of the owner. A copy of the electrical portion of the Cuyahoga Land Bank specifications must be included with the permit application. Permits obtained for only a portion of the specified work will not be acceptable to the Land Bank.

PLUMBING PERMIT REQUIRED
1.00

EA
Prior to the start of work, the contractor shall create all diagrams, including ISO diagrams, that may be required by the municipality in which the work is to be performed, and shall provide all other documentation needed to apply for, pay for and receive a plumbing permit on behalf of the owner. A copy of the plumbing portion of the Cuyahoga Land Bank specifications must be included with the permit application. Permits obtained for only a portion of the specified work will not be acceptable to the Land Bank.

CERTIFICATE OF OCCUPANCY/COMPLIANCE
Prior to final payment, the contractor shall comply with and complete all items necessary to receive a Certificate of Occupancy/Compliance for the individual dwelling unit.
WORK TIMES
Contractors and their Subcontractors shall schedule working hours in compliance with local municipal ordinances.

NEW MATERIALS REQUIRED
All materials used in connection with this work write-up are to be new, of first quality and without defects - unless stated otherwise or pre-approved by Owner and Land Bank project manager..
$\$ 350.00$

Contractor shall remedy any defect due to faulty material or workmanship and pay for all damage to other work resulting therefrom, which appear within one year from final payment. Further, contractor shall furnish owner with all manufacturers' and suppliers' written warranties covering items furnished under this contract prior to release of the final payment.

| Location: | 1-General Requirements | Approx. Wall SF: 0 |  | Ceiling/Floor SF: 0 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Spec \# | Spec | Quantity | Units | Unit Price | Total Price |

Trade: $1 \quad$ General Requirements
tags.
CONTRACTORS SHALL ASSURE THAT EMPLOYEES OR SUBS DO NOT DISPOSE OF MUD OR OTHER WASTE IN THE DRAIN SYSTEM. SHOULD SUCH DEBRIS BE FOUND TO HAVE COMPROMISED THE DRAIN SYSTEM, ALL COSTS OF REPAIR SHALL BE THE CONTRACTOR'S RESPONSIBILITY.

Contractor shall comply with all Federal, State and Local laws concerning asbestos abatement.

| Location: | $\mathbf{2 - E x t e r i o r}$ | Approx. Wall SF: 2,016 | Ceiling/Floor SF: 860 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Spec \# | Spec | Quantity | Units | Unit Price | Total Price |

Trade: 2 Owner Participation

| Custom STOCKADE FENCE--DEMO | 6.00 | LF | $\$ 20.00$ | $\$ 120.00$ |
| :--- | :--- | :--- | :--- | :--- | :--- |

Demolish stockade fence.
LEFT REAR CORNER OF HOUSE.

Trade: $6 \quad$ Concrete \& Paving

| 947 | SIDEWALK--INSTALL | 81.00 | SF | \$12.00 | \$972.00 |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Excavate sidewalk area. Install a slag or crushed stone base compacted to $90 \%$. Install forms and pour concrete 4 " thick. Use 6.5 Sac Mix with 7\% air entrainment. All concrete shall slump test at or near 4.5 mm and must exhibit 2200 psi at 28 days. Plain expansion joints shall be cut every 4 ' and flexcell joints shall be installed at 20' intervals and where new concrete abuts existing concrete. Broom finish surface. Finished area shall drain water and be free of vandalism. Apply a liquid membrane seal with ASTM-309 after initial set. Replacement sidewalks shall be of equal dimensions to sidewalk being replaced. |  |  |  |  |
| 970 | DRIVEWAY APRON--CONCRETE | 1.00 | EA | \$950.00 | \$950.00 |
|  | Remove existing apron. Excavate, level and compact to 85\% subgrade. Form, pour and broom finish a 3000 psi, 3\% air entrained concrete apron to local code. Cut expansion joint at center of apron. Cure with sprayable membrane. Remove all forms, regrade and spot seed. |  |  |  |  |
| 980 | DRIVEWAY--CONCRETE | 430.00 | SF | \$12.50 | \$5,375.00 |

Remove existing driveway. Level surface, prepare a 3" gravel base over a uniformly graded \& compaceted subgrade. Form and pour 3000 psi air entrained concrete, 4 " thick driveway with \#10 welded wire mesh. New driveway shall equal width as existing driveway or as specified. Install expansion joints from side to side at 10' intervals, and down the middle for the entire length of the driveway. Apply a broom finish surface. Pitch

| Location: | 2- Exterior | Approx. Wall SF: 2,016 | Ceiling/Floor SF: 860 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Spec \# | Spec | Quantity | Units | Unit Price | Total Price |


| Trade: 6 | Concrete \& Paving |
| :--- | :--- |
|  | driveway to direct water away from the building, off the edges of <br> the driveway and toward the drain. Existing driveway drains <br> shall be retained and fitted with new $36 "$ long channel grate, <br> unless the existing grate is present and undamaged. In <br> installations where driveway leads to a garage and no drain is <br> present, a drain shall be installed to code tied into the storm <br> sewer. Drain shall be centrally located at the widest part of the <br> driveway. Driveway shall be sloped to channel water to the <br> drain. Driveways that allow standing water will not be <br> approved. Remove forms. Regrade and seed disturbed areas. <br>  <br>  <br> DRIVEWAY MUST TERMINATE AT GARAGE ENTRANCE. IF <br> THERE ARE ANY DIFFERENCES BETWEEN CITY CODE |
|  |  |
|  | AND THE SPECIFICATIONS STATED ABOVE, CITY CODE |
| TAKES PRECEDENCE. |  |


| Trade: $\mathbf{7}$ | Masonry |  |  |  |
| :---: | :--- | :--- | :--- | :--- | :--- |
| 1330 | CHIMNEY--REPOINT <br> Repair chimney above roof area by cutting out mortar at least <br> $1 / 2^{\prime \prime}$, removing all loose material, and repointing using portland <br> cement mortar. Saturate joints with water before applying <br> mortar. Match color as closely as possible. Replace all missing <br> and defective materials with matching materials. Clean mortar <br> and other debris from adjoing surfaces and gutter. Pargeting of <br> chimney is not permitted. Includes removal of antenna or <br> satellite dish, if present. | EA | $\$ 500.00$ |  |

Trade: $10 \quad$ Carpentry

2640 SIDING---VINYL
Hang Alside Conquest or equivalent vinyl clapboard siding including all cornice, corner, door and window trim after replacing all deteriorated exterior building components. Wrap home with Tyvek (or equivalent) vapor/ infiltration barrier. Include backer board. Buyer or project manager's choice of siding color, exposure and texture. Siding must have 50 yearminimum warranty.
INCLUDES REMOVAL OF EXISTING CEDAR SIDING.
WINDOW--VINYL DBL HNG DBL GLZ
$\$ 400.00$
$\$ 6,000.00$
Field measure, order and install a vinyl, double hung, double glazed, one-over-one window and jamb including screen, caulk, interior casing and exterior trim. Install half screen. Windows located in bathrooms must be equipped with obscure glass, not vinyl overlays. Where required by local code, new window shall duplicate mullion pattern, if any, of window being replaced. Mullions shall be located between the two panes of glass or shall be snap-in type.
TO REPLACE ALL EXISTING DOUBLE HUNG WINDOWS.
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, drip cap, spring metal weatherstripping, interlocking

| Location: | $\mathbf{2 - E x t e r i o r}$ | Approx. Wall SF: 2,016 | Ceiling/Floor SF: 860 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Spec \# | Spec | Quantity | Units | Unit Price | Total Price |

Trade: 10 Carpentry
threshold, one entrance and one mortised deadbolt keyed alike. Air seal perimeter and flash sill. Prime and top coat. A baseboard mounted solid metal doorstop shall be installed in locations where doorknob may hit wall. HARDWARE PRODUCT STANDARD: Defiant Hartford, or better.

## STORM DOOR--ALUMINUM

3.00

EA
$\$ 350.00$
\$1,050.00
Install an aluminum combination storm and screen door with baked enamel finish (owner's choice of color), handle set, top chain, pneumatic door closer and door sweep. Steel security doors with storm inserts are also acceptable. Storm door locksets shall be on the same side as locksets on the entry door.

Trade: 15 Roofing

GUTTER--5" SEAMLESS ALUMINUM
Dispose of existing gutter. Install 5", K- type, seamless, . 027 gauge aluminum gutter to service roof. Pitch gutter toward downspout. White or brown color choice by owner or project manager.

| Location: | 2-Exterior A | Approx. Wall SF: 2,016 |  | Ceiling/Floor SF: 860 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Spec \# | Spec | Quantity | Units | Unit Price | Total Price |
| Trade: 15 | Roofing |  |  |  |  |
|  | Dispose of downspout. Install 5", square, seamless, . 027 gauge,aluminum downspout. Owner or project manager shall choose white or brown color. Strap at least 3' on center. Seal downspout into sewer hub with cement. If no sewer hub exists, a splash block shall be installed at bottom of downspout. |  |  |  |  |
| Trade: 19 | Paint \& Wallpaper |  |  |  |  |
| 5785 | PREP \& PAINT EXTERIOR MASONRY | 200.00 | SF | \$3.50 | \$700.00 |
|  | Protect ground with drop cloth. Scrape or pressure wash all loose, peeling, cracked and blistered paint from surface. Spot prime with latex primer. Paint one top coat with latex. Color choice by owner. |  |  |  |  |
|  | FOUNDATION AND FRONT AND REAR STEPS AND LANDINGS. |  |  |  |  |

Location Total:
\$43,377.00

| Location: | $\mathbf{3 - G a r a g e}$ | Approx. Wall SF: 0 |  | Ceiling/Floor SF: 0 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Spec \# | Spec | Quantity | Units | Unit Price | Total Price |

## Trade: 10 Carpentry

9781 NEW GARAGE COMPLETE
1.00

AL $\quad \$ 16,500.00$
$\$ 16,500.00$
Detached $11 / 2$ - car garage 16 'x20'

- Remove existing garage and slab.
- Excavate land and install footer to code.
- Excavate land from end of existing drive for new garage.
- Install foundation garage pad and driveway tie in to code using wire mesh. Garage pad shall be a minimum of 4 " thick.
- Curb shall be 4 " height and 6 " width with a depth of 24 ".
- $L$ shaped rebar from footer to rat wall.
- Sill plate shall be pressure treated $2 " x 4$ " with nuts and bolts for anchoring, bolted 18 " out from each corner.
- 2"x4" wall construction/double studs at corners
- Walls and roof shall be covered in $1 / 2^{\prime \prime}$ OSB sheathing.
- 2"x6" ceiling rafters shall be spaced 16 " on center
- Exterior shall be vinyl sided to match house as closely as possible.
- Roofing shall be 25 year 3-tab shingle or dimensional shingle to match house as closely as possible.
- Install man door with passage handle and dead bolt locks.
- Install underground electrical, on a separate circuit, to code. Install wall switch to overhead fixture and one GFIC outlet. Install overhead outlet for automatic door opener.
- Install new $16^{\prime} \times 7$ ' garage door with door opener with 2 remote controls.
- Install 5" seamless aluminum gutters and 5 " aluminum downspouts to empty onto splash blocks or tied into sewers, if required by City code.
- Remove all debris from property.

| Location: | 3 - Garage | Approx. Wall SF: 0 | Ceiling/Floor SF: 0 |  |
| :---: | :---: | :---: | :---: | :---: |
| Spec \# | Spec | Quantity | Units | Unit Price |


| Trade: | 10 | Carpentry |
| :--- | :---: | :--- |
|  |  | GARAGE MUST COMPLY WITH SECTION 1133.12 OF |
|  | WARRENSVILLE HEIGHTS CODE. SPECIFICATIONS |  |
|  | LISTED ABOVE ARE FOR GUIDANCE ONLY. CITY CODE |  |
|  |  | TAKES PRECEDENCE. |

## Location Total:

\$16,500.00

| Location: | $4-$ Mechanicals | Approx. Wall SF: 0 | Ceiling/Floor SF: 0 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Spec \# | Spec | Quantity | Units | Unit Price | Total Price |


| Trade: | $\mathbf{2 1}$ | HVAC |  |  |  |
| :---: | :--- | :--- | :--- | :--- | :--- | :--- |
| 6037 | FURNACE--GAS REPLACE <br> Install an intermittent pilot, gas fired, forced air furnace with <br> minimum AFUE rating of at least $80 \%$ to existing plenum, if <br> useable, and gas line. Include set back thermostat, flue pipe <br> and shut- off valve. Size furnace per heat loss analysis. All <br> new installations shaill include alluminum flex chimney liners. <br> Includes disposal of old furnace and replacement of all <br> damaged, incorrectly sized or missing ductwork, registers and <br> cold air return grills. (Used registers in good condition may be <br> installed where necessary to match size of registers being <br> replaced.) | $\$ 4,500.00$ | EA |  |  |
|  |  |  |  |  |  |

HVAC PERMIT IS REQUIRED.

Trade: $22 \quad$ Plumbing

| 6709 | SEWER LINES--SNAKE | 1.00 | AL | \$350.00 | \$350.00 |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Power snake sanitary sewer line from the main stack to the street. Power snake each basement floor drain. Power snake sewer line from each sewer hub and storm sewer line to street. Power snake sewer lines from each driveway and garage drain to where they tie into line to street. Power snake foundation drain tile (footer tile) if access exists. |  |  |  |  |
| 7070 | WATER HEATER--40 GALLON GAS | 1.00 | EA | \$1,100.00 | \$1,100.00 |
|  | Install a 40 gallon, high recovery gas water heater with a 6 year warranty. Water heater must meet or exceed ANSI standards. Include pressure and temperature relief valve, discharge tube to within 6 " of floor or to outside of structure, vent, thimble, dirt leg, brass ball-type shut-off valve and gas piping from shut-off valve to fixture. The first 18" of water lines extending from the top of the tank shall be copper. The use of lead solder is prohibited. Install electrical bond as required by code, and an expansion tank in municipalities where required by code. |  |  |  |  |
| 7115 | LAUNDRY TUB--SINGLE BOWL | 1.00 | EA | \$350.00 | \$350.00 |
|  | Remove existing laundry tub, if any. Install single bowl, 24" fiberglass laundry tub including a two handle, brass faucet with hose threading. Secure tub to wall or floor. Connect waste line to tub and provide air gap and floor sink to code. |  |  |  |  |
| 7190 | WATER SUPPLY--1 BATH HOUSE | 1.00 | DU | \$2,700.00 | \$2,700.00 |
|  | Remove all water supply from meter on. Install PVC or PEX |  |  |  |  |


| Location: | 4 - Mechanicals | Approx. Wall SF: 0 | Ceiling/Floor SF: 0 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Spec \# | Spec | Quantity | Units | Unit Price | Total Price |

Trade: 22 Plumbing
supply lines with $3 / 4$ " main, $1 / 2^{\prime \prime}$ fixture grouping trunk, and 3/8" individual supply lines to service the kitchen, one 3-piece bath and the laundry area. Installation shall be complete, code compliant, fully usable, and include brass ball-type shut-off valves in the basement or utility room before and after the water meter, controlling each water supply zone and at each fixture. Valves to kitchen and bathroom fixtures shall be chromed. Air gaps shall be installed as required by code. Supply lines shall be located in interior walls, not exterior. Installation shall include brass freeze proof hose bibbs at former hose bibb locations or the front and rear of the house.

## DRAIN/WASTE/VENT--1 BATH HSE

Replace all drain, waste and wet vent lines with schedule 40 PVC drain, waste and wet vent lines to service one 3-piece bath, kitchen and laundry area from the foundation perimeter to roof vent terminus.

Trade: $1600 \quad$ Electrical (CSI)

## 7404 <br> WHOLE HOUSE REWIRE

AL
$\$ 8,000.00$
$\$ 8,000.00$
Rewire structure to the current National Electric Code (NEC). The contractor is responsible for correcting all code violations whether or not stated in the itemized list.

SHALL INCLUDE:
a. 100 AMP minimum service with $12 / 24$ panel with main disconnect is required in dwelling units of less than 2,000 sq. ft . and units of less than 4 bedrooms.
b. 200 AMP minimum service is required in dwelling units of $2,000 \mathrm{sq}$. ft. or more and units of 4 or more bedrooms, including a finished attic. A sub-panel shall be located on the second floor of dwelling units meeting this description.
c. Arc-fault breakers are required in all panels.
d. Install 8 ft electrode grounding rod. Cold water ground shall be continuous to within 5 ft of water entrance. Grounding shall jump the water meter where water lines are copper.
e. Masthead, service drop and meter base shall be securely fastened to structure, damage free and code compliant. Missing, damaged or non-compliant components must be replaced.
f. All wiring in basement under 7 ft shall be in conduit.
g. All knob \& tube wiring throughout shall be removed and replaced with Romex, or equivalent.
h. All electrical components that are permanently disconnected shall be removed and disposed of.
i. All furnaces and major appliances shall be on separate grounded circuits.
j. 220 volt circuits shall be present to serve dryer and kitchen stove.
k. A circuit to serve the dishwasher shall be installed in kitchens with a base cabinet opening for a dishwasher.
I. Wiring and an outlet to serve a microwave and/or range hood shall be installed in kitchens where a microwave and/or range hood are specified.
ml . Door bells are required for each unit with buttons next to

| Location: | 4 - Mechanicals | Approx. Wall SF: 0 | Ceiling/Floor SF: 0 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Spec \# | Spec | Quantity | Units | Unit Price | Total Price |

## Trade: $1600 \quad$ Electrical (CSI)

each entry door. Wireless doorbells are acceptable.
n . If an outdoor lamp post is present, it shall be securely mounted and free of defects. Removal of outdoor lamp posts is also acceptable as long as all wiring is removed back to the source.

## OUTLET (RECEPTICLE) REQUIREMENTS:

a. Sufficient tamper resistant duplex outlets shall be installed in all rooms and shall be equally spaced on opposite walls.
(Minimum [3] outlets per bedroom, [3] outlets per dining room, [4] outlets per living room with one controlled by a wall switch.) b. GFCI outlets shall be installed in bathrooms, within 6 ft of kitchen sink, within 6 ft of laundry tubs and next to breaker panel. GFCI outlets shall be installed in weather proof enclosures at the front and rear of the house.
c. 20 amp outlets fed by 12 ga Romex (or equivalent) shall be installed near washer/dryer location.
d. 20 amp outlets fed by 12 ga Romex (or equivalent) are required in kitchens.

LIGHTING REQUIREMENTS:
a. Exterior light fixtures shall be located next to or above all entrances.
b. Basement lighting shall be provided by a minimum of four pull chain fixtures spaced to provided adequate light to all areas and all utilities. (Very small basements may require fewer fixtures.)
c. Lighting fixtures controlled by wall switches shall be present in all habitable rooms. (A switch controlled electrical outlet may be substituted for a light fixture in living rooms, unless otherwise specified.)
d. Lighting shall be present to adequately illuminate all stairways. Three way switches shall be located at each end of hallways of 6 ' or more in length, and at top and bottom of all stairways, excluding stairways to unfinished basements, which shall be controlled by a switch at the head of stairs, and unfinished attics, which shall be controlled by a switch at the bottom of the stairs.
e. A ceiling fixture shall be located at approximately the middle of kitchen ceilings and another fixture shall be located above the sink.
f. Bathroom(s) shall have have combination exhaust fan(s) with light fixture. Fans and lights shall be switched together. Vent to exterior. A second fixture mounted above the medicine cabinet or sink is required.
g. Ceiling fan boxes shall be installed in all bedrooms, living room (if a ceiling fixture is specified), dining room and kitchen. Fan boxes shall be centered in room, unless otherwise specified.)
h. All light fixtures and electrical equipment shall be supplied and installed by the electrical contractor.

## SMOKE/CO (CARBON MONOXIDE) DETECTOR

 REQUIREMENTS:a. Smoke/CO detectors shall be PHOTOELECTRIC, INTERCONNECTED and hard wired with battery backup.
b. One smoke/CO detector is required in the basement near

| Location: | $4-$ Mechanicals | Approx. Wall SF: 0 |  | Ceiling/Floor SF: 0 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Spec \# | Spec | Quantity | Units | Unit Price | Total Price |

Trade: $1600 \quad$ Electrical (CSI)
the stairs, and shall be mounted on the bottom of a joist, facing down.
c. At least one smoke/CO detector shall be located on each level of the unit. On floors with bedrooms, one smoke/CO detector shall be located in the hallway or room outside of the bedrooms, and one smoke/CO detector shall be mounted inside each bedroom.
d. The top of wall mounted detectors shalll be located between $4 "$ and 12 " below the ceiling. The edge of ceiling mounted detectors shall be located at least 4" away from the nearest wall.
e. Detectors shall not be located in kitchens or bathrooms.

GARAGE WIRING IS INCLUDED IN THE SPECIFICATION FOR A NEW GARAGE.

| Location: | $5-$ Basement | Approx. Wall SF: 840 |  | Ceiling/Floor SF: 768 |
| :---: | :---: | :---: | :---: | :---: |
| Spec \# | Spec | Quantity | Units | Unit Price |
| Total Price |  |  |  |  |


| Trade: 5 | Demolition \& Disposal |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 709 | DEMO--BASEMENT | 1.00 | RM | \$1,200.00 | \$1,200.00 |
|  | Tear out all non-load bearing partitions, wall paneling, furring strips, ceiling tile, ceiling grid and floor covering. Remove bathroom fixtures, supply lines and waste lines, unless otherwise specified. Seal toilet waste openings with concrete level with adjacent floor. Restore all electrical, plumbing and heating components disturbed during tear out to code legal condition. |  |  |  |  |
|  | See asbestos abatement requirements under general requirements at the beginning of these specifications if asbestos is present in any items being removed from the basement. |  |  |  |  |
| Trade: 19 | Paint \& Wallpaper |  |  |  |  |
| 5755 | PREP \& PAINT CONCRETE FLOOR | 767.00 | SF | \$0.80 | \$613.60 |
|  | Sweep clean entire deck. Clean with TSP and rinse thoroughly. Roll out one coat of owner's choice of epoxy concrete floor paint per manufacturer's instructions. Product Standard: Behr Premium Concrete \& Garage Floor Paint, or equivalent. |  |  |  |  |
| 5760 | PREP \& PAINT CONCRETE OR MASONRY WALL | 840.00 | SF | \$2.00 | \$1,680.00 |
|  | Scrape loose, peeling, cracked, blistered paint from concrete or masonry surface. Wash dirt, fungus and dust from surface. Prime with shellac or oil based stain-blocking primer. Top coat with with dry-lock. Painting of basement walls includes painting chimney and posts. Rustoleum, or equivalent, shall be used on metal posts. |  |  |  |  |



BOTTOM TREAD OF BASEMENT STAIRS.

Trade: $19 \quad$ Paint \& Wallpaper
5580 PAINT STAIRWELL $\quad 1.00 \quad$ RM $\quad \$ 80.00 \quad \$ 80.00$

SEE PAGE 1 FOR PAINTING REQUIREMENTS.

Trade: 20 Floor Coverings

| 5930 | UNDERLAY \& VINYL SHEET GOODS <br> Remove existing floor covering and underlayment. Install 1/4" underlayment grade plywood, using 7d screw shank or cement coated nails, or narrow crown staples, $6^{\prime \prime}$ on center allowing a $1 / 4$ " gap at wall. Counter sink screws, nails or staples and apply a patch to make surface smooth and free of nail, screw or staple pops. Install 070" thick, backed vinyl sheet goods without seams, per manufacturer's instructions. Caulk edges of vinyl w/clear silicone caulk to create positive seal. Install metal edge strips in openings \& shoe molding or 4" vinyl base around perimeter. Installation of ceramic tile or waterproof vinyl plank flooing is also acceptable. <br> LANDING. | 9.00 | SF | \$5.40 | \$48.60 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 5931 | UNDERLAY \& VINYL SHEET GOODS--STAIRS <br> Remove existing tread covering and underlayment. Install owner/project manager's choice of vinyl sheet goods on treads and risers. Underlayment shall be installed on treads. | 14.00 | RI | \$25.00 | \$350.00 |


| Location: | 7 - Basement/Side door stairs | Approx. Wall SF: 0 | Ceiling/Floor SF: 0 |  |
| :---: | :---: | :---: | :---: | :---: |
| Spec \# | Spec | Quantity | Units | Unit Price |

Trade: $20 \quad$ Floor Coverings

Aluminum nosing shall be installed on each tread. The substitution of ceramic tile,vinyl composition tile, laminate, or waterproof vinyl plank flooring is also acceptable. Underlayment may be eliminated if treads are perfectly smooth and free of defects.

|  |  | Location Total: |  |  | $\$ 580.60$$29$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Location: | 8 - Hallway (at top of Bsmt. stairs) Ap | ll SF: 194 |  | Ceiling/Floor SF: |  |
| Spec \# | Spec | Quantity | Units | Unit Price | Total Price |
| Trade: 10 | Carpentry |  |  |  |  |
| 3355 | DOOR--6 PANEL INT, HOLLOW <br> Install 6-panel, hollow core door with latchset on existing jamb. Privacy locksets shall be installed on bedroom and bathroom doors. A baseboard mounted solid metal doorstop or rubber doorknob bumper shall be installed in locations where doorknob may hit wall. (Used doors in good condition may be installed in houses where not all doors are being replaced, provided that they provide a better match to remaining doors.) <br> DOOR TO KITCHEN. | 1.00 | EA | \$200.00 | \$200.00 |
| Trade: 19 | Paint \& Wallpaper |  |  |  |  |
| 5567 | PREP \& PAINT VACANT ROOM \& TRIM SEE PAGE 1 FOR PAINTING REQUIREMENTS. | 220.00 | SF | \$0.80 | \$176.00 |
| Trade: 20 | Floor Coverings |  |  |  |  |
| 5930 | UNDERLAY \& VINYL SHEET GOODS | 28.50 | SF | \$5.40 | \$153.90 |
|  | Remove existing floor covering and underlayment. Install 1/4" underlayment grade plywood, using 7d screw shank or cement coated nails, or narrow crown staples, 6 " on center allowing a $1 / 4$ " gap at wall. Counter sink screws, nails or staples and apply a patch to make surface smooth and free of nail, screw or staple pops. Install 070" thick, backed vinyl sheet goods withoural seams, per manufacturer's instructions. <br> Owner/project manager's choice of color \& pattern. Caulk edges of vinyl w/clear silicone caulk to create positive seal. Install metal edge strips in openings \& shoe molding or 4" vinyl base around perimeter. |  |  |  |  |

## Location Total:

$\$ 529.90$

| Location: | 9- Bathroom | Approx. Wall SF: 210 |  | Ceiling/Floor SF: 48 |  |  |
| :---: | :--- | :---: | ---: | ---: | ---: | ---: |
| Spec \# | Spec | Quantity | Units | Unit Price | Total Price |  |
| Trade: | 5 | Demolition \& Disposal |  |  |  |  |
| 825 | FLOOR--CLEAN AND WAX | 38.00 | SF | $\$ 0.50$ | $\$ 19.00$ |  |
|  |  |  |  |  | Page 13 of 20 |  |


| Location: | 9- Bathroom App | all SF: 210 |  | Ceiling/Floor |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Spec \# | Spec | Quantity | Units | Unit Price | Total Price |
| Trade: 5 | Demolition \& Disposal |  |  |  |  |
|  | Remove dirt, paint and wax build-up with TSP or TSP substitute. Rinse well. Apply self polishing floor wax. |  |  |  |  |
| Trade: 10 | Carpentry |  |  |  |  |
| 3355 | DOOR--6 PANEL INT, HOLLOW | 1.00 | EA | \$200.00 | \$200.00 |
|  | Install 6-panel, hollow core door with latchset on existing jamb. Privacy locksets shall be installed on bedroom and bathroom doors. A baseboard mounted solid metal doorstop or rubber doorknob bumper shall be installed in locations where doorknob may hit wall. (Used doors in good condition may be installed in houses where not all doors are being replaced, provided that they provide a better match to remaining doors.) |  |  |  |  |
| Custom | THRESHOLD--INSTALL | 1.00 | EA | \$25.00 | \$25.00 |
| Trade: 18 | Ceramic Tile |  |  |  |  |
| 5430 | CERAMIC TILE--INSTALL | 12.00 | SF | \$30.00 | \$360.00 |
|  | Install ceramic wall tile over a sound surface with troweled adhesive. After at least 24 hours drying time, apply latex based portland cement grout. Clean all excess grout and apply mildew resistant white silicone caulk at all seams. Seal tile and grout with tile sealer. |  |  |  |  |
|  | CEILING ABOVE BATHTUB. MATCH SURROUND TILE AS CLOSELY AS POSSIBLE. |  |  |  |  |
| Trade: 19 | Paint \& Wallpaper |  |  |  |  |
| 5567 | PREP \& PAINT VACANT ROOM \& TRIM | 213.00 | SF | \$0.80 | \$170.40 |
|  | SEE PAGE 1 FOR PAINTING REQUIREMENTS. |  |  |  |  |
| Trade: 22 | Plumbing |  |  |  |  |
| 6900 | VANITY--24" COMPLETE | 1.00 | EA | \$475.00 | \$475.00 |
|  | Install a 24 " vanity complete with plywood cabinet, cultured marble top, overflow opening, dual control, brass bodied, single lever faucet, pop-up stopper, supply risers, brass ball-type shut-off valves and all required waste connectors to complete the installation. The use of lead solder is prohibited. Vanity door shall have routed finger grips or buyer or project manager's choice of bright brass or brushed chrome knob. |  |  |  |  |
| 6930 | SHOWER DIVERTER--SINGLE CONTROL | 1.00 | EA | \$280.00 | \$280.00 |
|  | Install a single lever, metal faucet/shower diverter and Delta 6122 , or equivalent, water saving shower head with 15 year drip-free warranty. The use of lead solder is prohibited. |  |  |  |  |
| 7012 | COMMODE--REPLACE--1.28 GPF--2008 GCI | 1.00 | EA | \$250.00 | \$250.00 |
|  | Install a 1.28 maximum GPF close coupled, white, vitreous china commode with a molded wood white seat, supply pipe, quarter turn brass ball-type shut-off valve, and wax seal. Seal commode to floor with clear silicone caulk. |  |  |  |  |


| Location: | 9 - Bathroom | Approx. Wall SF: 210 | Ceiling/Floor SF: 48 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Spec \# | Spec | Quantity | Units | Unit Price | Total Price |


|  |  | Location Total: |  |  | \$1,779.40 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Location: | 10-Kitchen | Approx. Wall SF: 473 |  | Ceiling/Floor |  |
| Spec \# | Spec | Quantity | Units | Unit Price | Total Price |
| Trade: 5 | Demolition \& Disposal |  |  |  |  |
| 825 | FLOOR--CLEAN AND WAX | 160.00 | SF | \$0.30 | \$48.00 |
|  | Remove dirt, paint and wax build-up with TSP or TSP substitute. Rinse well. Apply self polishing floor wax. |  |  |  |  |


| Trade: 10 | Carpentry |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 3715 | CABINET--WOOD BASE | 7.00 | LF | \$150.00 | \$1,050.00 |
|  | Replace base cabinets. Install base cabinet with doors of solid birch or ash stiles and veneered plywood panels. Frame with solid birch or ash stiles, $1 / 4$ " veneered plywood sides and metal or plastic corner bracing. Drawers shall be made of wood or composition material. Plastic drawers are prohibited. Drawers and doors shall have routed finger grooves on the sides or bottom, or shall be fitted with buyer or project manager's choice of bright brass or brushed chrome drawer pulls and door knobs or handles. |  |  |  |  |
| 3725 | CABINET--WOOD WALL | 8.50 | LF | \$140.00 | \$1,190.00 |
|  | Replace wall cabinets. 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 and metal or plastic corner bracing. Cabinet doors shall have routed finger grooves on the sides, or shall be fitted with buyer or project manager's choice of bright brass or brushed chrome knobs or handles. |  |  |  |  |
| 3750 | COUNTER TOP--PLASTIC LAMINATE | 7.00 | LF | \$50.00 | \$350.00 |
|  | Dispose of existing counter top, if any. Field measure and screw to base cabinet a laminate counter top with back splash and end trim. Provide cutout for sink. |  |  |  |  |
| Trade: 19 | Paint \& Wallpaper |  |  |  |  |
| 5567 | PREP \& PAINT VACANT ROOM \& TRIM | 80.00 | SF | \$0.40 | \$32.00 |
|  | SEE PAGE 1 FOR PAINTING REQUIREMENTS. |  |  |  |  |


| Trade: $\mathbf{2 2}$ | Plumbing |  |  |  |  |
| :---: | :--- | :--- | :--- | :--- | :--- |
| $\mathbf{6 7 6 6}$ | GAS LINE--CAP OR PLUG |  |  |  |  |
|  | Clean end threads on gas line. Apply pipe joint compound. <br> Screw cast iron cap or plug on tightly. | 1.00 | AL | $\$ 10.00$ | $\$ 10.00$ |
|  | SINK--DOUBLE BOWL COMPLETE | 1.00 | EA | $\$ 319.00$ | $\$ 319.00$ |


| Location: | $\mathbf{1 0}$ - Kitchen | Approx. Wall SF: 473 |  | Ceiling/Floor SF: 172 |  |
| :---: | :--- | :--- | :--- | :--- | :--- |
| Spec \# | Spec | Quantity | Units | Unit Price | Total Price |

Trade: $22 \quad$ Plumbing
rated at 2.0 GPM or less, with a 15 year drip- free warranty, trap, supply lines, brass ball-type shut-off valves \& escutcheon plates on all supply \& drain lines.

Location Total:
\$2,999.00

| Location: | 11 - Dining Room (Inc. Closet) | Approx. Wall SF: 468 |  | Ceiling/Floor SF: | 163 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Spec \# | Spec | Quantity | Units | Unit Price | Total Price |
| Trade: 5 | Demolition \& Disposal |  |  |  |  |
| Custom | PLASTIC DOOR--REMOVE <br> Remove plastic door to den. | 1.00 | AL | \$20.00 | \$20.00 |
| Trade: 10 | Carpentry |  |  |  |  |
| 3375 | DOOR--WOOD BIFOLD <br> Hang flush, hollow core, wood bifold track, all hardware and casing, plum opening. | 1.00 | PR | \$300.00 | \$300.00 |

CLOSET.

Trade: $19 \quad$ Paint \& Wallpaper
5567 PREP \& PAINT VACANT ROOM \& TRIM $\quad 630.00$ SF $\quad \$ 0.80 \quad \$ 504.00$

SEE PAGE 1 FOR PAINTING REQUIREMENTS.

| Trade: $\quad \mathbf{2 0}$ | Floor Coverings |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 5970 | CARPET AND PAD <br> Remove existing carpet and pad, or other damaged floor <br> covering. Install FHA approved, nylon, plush carpet over a 1/2" <br> medium density rebond pad with a minimum of seams over | 162.00 | SF | $\$ 6.50$ | $\$ 1,053.00$ |
|  |  <br> ripples. Include tack strips and metal edge strips. Trim doors <br> to clear carpet. Owner or project manager's choice of color and <br> pattern. Refinished hardwood floors in good condition are an <br> acceptable alternative. Closet floors may be carpeted, <br> refinished or painted, unless otherwise specified. |  |  |  |  |

## Location Total:

\$1,877.00

| Location: | 12-Den (No Closet) | Approx. Wall SF: 369 |  | Ceiling/Floor SF: 101 |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Spec \# | Spec | Quantity | Units | Unit Price | Total Price |  |
| Trade: | 10 | Carpentry | 1.00 | AL | $\$ 30.00$ | $\$ 30.00$ |
| Custom | PANELING--REINSTALL |  |  |  |  |  |
|  | Reinstall paneling below window. |  |  |  |  |  |
|  |  |  |  |  |  |  |


| Location: | 12 - Den (No Closet) App | Approx. Wall SF: 369 |  | Ceiling/Floor SF: | 101 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Spec \# | Spec | Quantity | Units | Unit Price | Total Price |
| Trade: 19 | Paint \& Wallpaper |  |  |  |  |
| 5567 | PREP \& PAINT VACANT ROOM \& TRIM SEE PAGE 1 FOR PAINTING REQUIREMENTS. | 470.00 | SF | \$0.80 | \$376.00 |
| Trade: 20 | Floor Coverings |  |  |  |  |
| 5970 | CARPET AND PAD <br> Remove existing carpet and pad, or other damaged floor covering. Install FHA approved, nylon, plush carpet over a 1/2" medium density rebond pad with a minimum of seams over entire floor. Stretch carpet to eliminate puckers, scallops \& ripples. Include tack strips and metal edge strips. Trim doors to clear carpet. Owner or project manager's choice of color and pattern. Refinished hardwood floors in good condition are an acceptable alternative. Closet floors may be carpeted, refinished or painted, unless otherwise specified. | 101.00 | SF | \$6.50 | \$656.50 |

## Location Total:

\$1,062.50

| Location: | 13- Living Room | Approx. Wall SF: 554 |  | Ceiling/Floor SF: 221 |  |
| :---: | :--- | :--- | :--- | :--- | :--- |
| Spec \# | Spec | Quantity | Units | Unit Price | Total Price |


| Trade: | 19 | Paint \& Wallpaper |  |  |  |
| :---: | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 5567 | PREP \& PAINT VACANT ROOM \& TRIM | 774.00 | SF | $\$ 0.80$ | $\$ 619.20$ |


| Trade: $\quad 20$ | Floor Coverings |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 5970 | CARPET AND PAD <br>  <br> Remove existing carpet and pad, or other damaged floor <br> covering. Install FHA approved, nylon, plush carpet over a 1/2" | 221.00 | SF | $\$ 6.50$ | $\$ 1,436.50$ |
|  | medium density rebond pad with a minimum of seams over <br>  <br> ripples. Include tack strips and metal edge strips. Trim doors <br> to clear carpet. Owner or project manager's choice of color and <br> pattern. Refinished hardwood floors in good condition are an <br> acceptable alternative. Closet floors may be carpeted, <br> refinished or painted, unless otherwise specified. |  |  |  |  |

## Location Total:

\$2,055.70

| Location: | 14-Stairs to 2nd Floor | Approx. Wall SF: 0 |  | Ceiling/Floor SF: 0 |  |
| :---: | :--- | :--- | :--- | :--- | :--- |
| Spec \# | Spec | Quantity | Units | Unit Price | Total Price |

Trade: 10 Carpentry

2520 HANDRAIL-- INTERIOR-INSTALL
3.00

LF
$\$ 10.00$
$\$ 30.00$
Install new or replace existing handrail with 2" round hardwood handrail with brackets screwed to studs and rail.
AT TOP SECTION OF STAIRS.

| Location: <br> Spec \# | 14 - Stairs to 2nd Floor Approx | Approx. Wall SF: 0 |  | Ceiling/Floor SF: | 0 |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Spec | Quantity | Units | Unit Price | Total Price |
| Trade: 10 | Carpentry |  |  |  |  |
| 3260 | REWORK INTERIOR DOOR <br> Rehang door. Adjust door and lockset to operate properly. Replace damaged or missing locksets. If door rubs carpeting or floor, trim bottom of door to provide clearance. Privacy locksets shall be installed on bedroom and bathroom doors. A baseboard mounted solid metal doorstop or a rubber doorknob bumper shall be installed in locations where doorknob may hit wall. | 1.00 | EA | \$75.00 | \$75.00 |
| Trade: 19 | Paint \& Wallpaper |  |  |  |  |
| 5580 | PAINT STAIRWELL <br> SEE PAGE 1 FOR PAINTING REQUIREMENTS. | 1.00 | RM | \$100.00 | \$100.00 |
| Trade: 20 | Floor Coverings |  |  |  |  |
| 5980 | CARPET AND PAD STAIRS <br> Remove existing floor covering and replace broken treads that may be found after removal. Install FHA approved nylon carpet over a $1 / 2^{\prime \prime}$ rebond urethane pad on tack strips at the perimeter of each tread. Owner's choice of color and pile. Includes treads and risers. Refinished hardwood treads in good condition are an acceptable alternative. | 16.00 | RI | \$19.89 | \$318.24 |

## Location Total:

\$523.24

| Location: | 15- Hall Ap | Approx. Wall SF: 228 |  | Ceiling/Floor SF | 34 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Spec \# | Spec | Quantity | Units | Unit Price | Total Price |
| Trade: 10 | Carpentry |  |  |  |  |
| 2980 | WINDOW--vinYL DBL HNG DBL GLZ | 1.00 | EA | \$400.00 | \$400.00 |
|  | Field measure, order and install a vinyl, double hung, double glazed with tempered glass, one-over-one window and jamb including screen, caulk, interior casing and exterior trim. Install half screen. |  |  |  |  |

Trade: $19 \quad$ Paint \& Wallpaper

| 5567 | PREP \& PAINT VACANT ROOM \& TRIM) | 238.00 | SF | $\$ 0.80$ | $\$ 190.40$ |
| :--- | :--- | :--- | :--- | :--- | :--- | SEE PAGE 1 FOR PAINTING REQUIREMENTS.


| Trade: 20 | Floor Coverings |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 5970 | CARPET AND PAD | 34.00 | SF | \$6.50 | \$221.00 |
|  | Remove existing carpet and pad, or other damaged floor covering. Install FHA approved, nylon, plush carpet over a $1 / 2^{\prime \prime}$ medium density rebond pad with a minimum of seams over entire floor. Stretch carpet to eliminate puckers, scallops \& ripples. Include tack strips and metal edge strips. Trim doors to clear carpet. Owner or project manager's choice of color and pattern. Refinished hardwood floors in good condition are an |  |  |  |  |


| Location: | $15-$ Hall | Approx. Wall SF: 228 | Ceiling/Floor SF: 34 |  |  |
| ---: | :--- | :--- | :--- | :--- | :--- |
| Spec \# | Spec |  | Units | Unit Price | Total Price |

Trade: $20 \quad$ Floor Coverings
refinished or painted, unless otherwise specified.

Location Total:
$\$ 811.40$

| Location: | 16 - Rear Bedroom (Inc. Closet) Ap | ll SF: 400 |  | Ceiling/Floor | 150 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Spec \# | Spec | Quantity | Units | Unit Price | Total Price |
| Trade: 10 | Carpentry |  |  |  |  |
| 2986 | WINDOW--VINYL HOPPER <br> Field measure, order and install a vinyl, double glazed, single lite hopper window with latch and chain. Prime and top coat wood trim. Where required by local code, new window shall duplicate mullion pattern, if any, of window being replaced. Mullions shall be located between the two panes of glass or shall be snap-in type | 3.00 | EA | \$250.00 | \$750.00 |
| 3260 | REWORK INTERIOR DOOR <br> Rehang door. Adjust door and lockset to operate properly. Replace damaged or missing locksets. If door rubs carpeting or floor, trim bottom of door to provide clearance. Privacy locksets shall be installed on bedroom and bathroom doors. A baseboard mounted solid metal doorstop or a rubber doorknob bumper shall be installed in locations where doorknob may hit wall. <br> CLOSET. | 1.00 | EA | \$75.00 | \$75.00 |
| Trade: 19 | Paint \& Wallpaper |  |  |  |  |
| 5567 | PREP \& PAINT VACANT ROOM \& TRIM SEE PAGE 1 FOR PAINTING REQUIREMENTS. | 550.00 | SF | \$0.80 | \$440.00 |
| Trade: 20 | Floor Coverings |  |  |  |  |
| 5970 | CARPET AND PAD | 150.00 | SF | \$6.50 | \$975.00 |
|  | Remove existing carpet and pad, or other damaged floor covering. Install FHA approved, nylon, plush carpet over a 1/2" medium density rebond pad with a minimum of seams over entire floor. Stretch carpet to eliminate puckers, scallops \& ripples. Include tack strips and metal edge strips. Trim doors to clear carpet. Owner or project manager's choice of color and pattern. Refinished hardwood floors in good condition are an acceptable alternative. Closet floors may be carpeted, refinished or painted, unless otherwise specified. |  |  |  |  |
|  | INCLUDES REPAIR OF FLOOR TO PROVIDE ADEQUATE LEVEL SUPPORT FOR CARPETING. |  |  |  |  |



## Bidder:

