



**TRI-COUNTY HDC, LTD.**

1514 Derry Street, Harrisburg, PA 17104  
(717) 231-3604  
Fax: (717) 234-2227

November 26, 2013

Dear Contractor:

Tri-County Housing is now accepting PLUMBING, ELECTRIC and HVAC bids for two properties. One located at 1518 Swatara Street in Harrisburg, a location in our Capitol Corridors Program. One at 229 Spring Street, Middletown, a location in our Dauphin County Infill Program.

If you would like to be considered, please complete your pricing directly on the attached specifications. Be sure to include your business name, contact information and a total price. Your bid should be submitted to Tri-County Housing at the above address no later than December 27, 2013.

To view the property, contact Tom Hess, Tri-County's construction foreman at 717-756-4984.

Tri-County HDC is a non-profit, certified community housing development corporation which uses federal and local dollars to complete affordable housing projects. *Successful contractors will be required to provide a current certificate of liability and workman's compensation insurance and to abide by all terms and conditions in contract documents. All work must successfully pass a City Codes/Local inspection(s).* Any questions regarding this should be directed to our main office at 717-231-3604.

Sincerely,

Darrell N. Livingston  
Operations Manager  
Tri-County Housing

# SPECS BY LOCATION/TRADE

11/26/2013

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

Case Number: \_\_\_\_\_  
 Project Manager: \_\_\_\_\_  
 Phone: \_\_\_\_\_

**Address: 1518 Swatara** **Unit: Unit 01**

**Location: 3 - Basement** Approx. Wall SF: 0 Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
<b>Trade: 21 HVAC</b>					
6010	<b>PROVIDE HEATING LAYOUT</b> Prior to ordering equipment or components provide owner with scale drawing of heating distribution system including supply and return duct runs, registers and plenum. Size furnace accordingly. Allow for central heating and air-conditioning. Verify layout with Tri-County HDC, Ltd.	1.00	DU	_____	_____
6028	<b>FURNACE--REMOVE</b> Remove existing furnace to a code legal dump.	1.00	EA	_____	_____
6140	<b>FURNACE &amp; DUCT--GAS</b> Install appropriately sized gas furnace (as specified in the approved heating layout) with intermittent pilot, forced air furnace complete with plenum, installed supply duct and galvanized return duct connected to the wall registers, to service all rooms and allow for future central air-conditioning. Verify furnace size and ducting with Tri-County HDC, Ltd. Include set back furnace thermostat, filter fan and plenum control. Connect thimble breaching to chimney per code. Provide separate power circuit and operating manual. System to maintain 70 F indoor temperature when outside temperature is -10 F. Min AGUE rating of 90+ vented to exterior. Note: if furnace and water heater are to be vented through the chimney, a stainless steel liner must be installed.	1.00	EA	_____	_____
6180	<b>A/C CENTRAL UNIT</b> Submit manuf's cut sheet & cooling load calcs to owner min 15 working days prior to installation. Install central A/C system w/ min EER of 8.6 including condensing unit, A type coil, control & power wiring, insulated freon lines, plenums, ext pad & connections to create a product capable of 68 F interior when ext is 100 F at 95% humidity. Provide owner w/factory warranty, manual & 1-yr contractors warranty.	1.00	EA	_____	_____

**Location Total:** \_\_\_\_\_

**Unit Total for 1518 Swatara , Unit Unit 01:** \_\_\_\_\_

**Address Grand Total for 1518 Swatara :** \_\_\_\_\_

**Bidder:** \_\_\_\_\_

# SPECS BY LOCATION/TRADE

11/26/2013

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

Case Number: \_\_\_\_\_  
 Project Manager: \_\_\_\_\_  
 Phone: \_\_\_\_\_

**Address: 1518 Swatara** **Unit: Unit 01**

**Location: 1 - Exterior** Approx. Wall SF: 0 Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
<b>Trade: 23 Electric</b>					
7415	<b>POWER LINES--RELOCATE</b> If necessary, coordinate with local power company to relocate service drop feed lines to structure.	1.00	EA	_____	_____
7445	<b>METER SOCKET--200 AMP</b> Install 200 amp meter socket to existing service.	1.00	EA	_____	_____
7640	<b>WEATHERPROOF RECEPTACLE</b> Install a 15 amp, ground fault protected, surface mounted, weatherproof, PVC or non-ferrous box and receptacle using #14 copper Romex in EMT. Receptacle cover shall be permanently connected to box. Receptacle shall be located on a separate GFCI breaker in panel.	2.00	EA	_____	_____
8160	<b>ENTRANCE LIGHT</b> Install an exterior, waterproof, wall mounted, single bulb fixture outside exterior door. Include wire box, interior switch and lamp. Fixture allowance \$22.	3.00	EA	_____	_____
<b>Location Total:</b>					_____

**Location: 2 - General Requirements** Approx. Wall SF: 0 Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
<b>Trade: 23 Electric</b>					
7790	<b>ELECTRICAL SWITCHES &amp; SOCKETS</b> All light switches should be placed at universal height (no more than 48" high) unless otherwise noted. Likewise, all wall sockets (excluding kitchen counter outlets) should be placed at universal height or 18" high.	1.00	EA	_____	_____
8050	<b>CABLE TV WIRING WHOLE HOUSE</b> Install surface mounted, neatly stapled, co-axial cables and outlet to connectors for TV system. Provide all wiring during electrical rough-in. Install one outlet in the kitchen, living room and each bedroom. All wires should terminate in a central location in the basement.	1.00	EA	_____	_____
8095	<b>PHONE WIRING WHOLE HOUSE</b> Install cables and outlets to connect to phones for entire house. Provide all wiring during electrical rough-in. Install one outlet in each of the following rooms: kitchen, living room and each bedroom. Kitchen should have a wall-mounted plate.	1.00	EA	_____	_____
8100	<b>COMPUTER NETWORK WIRING WHOLE HOUSE</b>	1.00	EA	_____	_____

Location: 2 - General Requirements

Approx Wall SF: 0

Ceiling/Floor SF: 0

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

Install CAT 5-E or CAT 6 computer network wires and outlets. Provide all wiring during electrical rough-in. Install one outlet in the kitchen, living room and each bedroom. All wires should terminate in a central location in the basement.

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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Trade: 23 Electric

7425	<b>ELECTRIC PANEL--RELOCATE</b> Relocate panel to inside of structure. Include all required materials to meet National Electric Code.	1.00	EA	_____	_____
7460	<b>GROUND WIRE</b> Replace defective or inadequate electric service ground wire per the current National Electric Code.	1.00	EA	_____	_____
7475	<b>ELECTRIC SERVICE--200 AMP</b> Dispose of old electric service to code legal dump. Install a 200 amp, main disconnect, 110/220 volt, 30/40 circuit panel board, meter socket, weather head, service cable, and ground rod and cable. Caulk exterior service penetration. Include a GFCI circuits required by code. All bedrooms must be arch-vault protected. Also during the demolition and installation of the electrical system, one outlet on each floor must remain active for power tools.	1.00	EA	_____	_____
7575	<b>RECEPTACLE--SECURITY SYSTEM 20 AMP CIRCUIT</b> Install 20 amp, ivory, duplex receptacle with a matching plastic cover plate on a separate circuit with an individual over protection device.	1.00	EA	_____	_____
7665	<b>RECEPTACLE--SERVICE PANEL--GFCI</b> Install a ground fault protected, surface mounted receptacle with cover plate, at the main service panel box.	1.00	EA	_____	_____
7715	<b>FIXTURE AND 3-WAY SWITCHES</b> Install a ceiling mounted , UL approved, 2 bulb light fixture (\$20 material allowance) controlled by a pair of ivory 3-way switches mounted at the strike side of the doors, or at top and bottom of stairwell. Where more than one switch occurs at any given point, install under common gang plate.	1.00	EA	_____	_____
7727	<b>LIGHT FIXTURE--PULL CHAIN</b> Install a ceiling mounted, UL approved, 1 bulb porcelain enclosed light fixture controlled by a pull chain.	4.00	EA	_____	_____
8060	<b>SECURITY SYSTEM--INDIVIDUAL UNIT</b> Provide and install a complete Residential Central Security System with Master control, rechargeable power supply, 12 v transformer, all door and window contacts, motion detectors on the first and second floors placed for maximum coverage of halls and common areas interior electronic siren and touchpad.	1.00	DU	_____	_____

Location: 3 - Basement

Approx. Wall SF: 0

Ceiling/Floor SF: 0

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

Off-site system monitoring option will be available to the new homeowner.

Location Total: \_\_\_\_\_

Location: 4 - Living/Dining Room

Approx. Wall SF: 0

Ceiling/Floor SF: 0

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

**7560 RECEPTACLE REPLACE**

7.00 EA

Replace receptacle with ivory duplex receptacle and ivory metal cover plate.

**7690 SWITCH LIGHT**

1.00 EA

Install a single pole, ivory switch and metal cover plate using Romex to control fixture. (for porch light).

**7715 FIXTURE AND 3-WAY SWITCHES**

2.00 EA

Install a ceiling mounted, UL approved, 2 bulb light fixture (\$20 material allowance) controlled by a pair of ivory 3-way switches mounted at the strike side of the doors, or at top and bottom of stairwell. Where more than one switch occurs at any given point, install under common gang plate.

**7810 SMOKE DETECTOR--HARD WIRED**

1.00 EA

Install a UL approved, ceiling mounted smoke and heat detector permanently wired into a receptacle box, with battery backup. All smoke detectors should sound if any unit is activated. Locate according to code requirements, including one in hallways, bedrooms, attics and basement.

Location Total: \_\_\_\_\_

Location: 5 - Kitchen

Approx. Wall SF: 0

Ceiling/Floor SF: 0

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

**7560 RECEPTACLE REPLACE**

2.00 EA

Replace receptacle with ivory duplex receptacle and ivory metal cover plate.

**7600 RECEPTACLE--GFCI COUNTERTOP 20 AMP**

5.00 EA

Install a flush mounted, ground fault circuit interrupted, ivory, duplex receptacle and ivory cover plate using copper romex, controlled by a 20 amp circuit breaker at each counter top location. Install so that no point on the wall above the counter space is more than 24" from a receptacle. Fish wire and repair all tear out.

**7630 RANGE CIRCUIT--40 AMP**

1.00 EA

Install 220 volt, 40 amp, surface mounted range receptacle on an individual circuit. Fish wire and repair all tear out.

Location: 5 - Kitchen

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
Trade: 23	Electric				
7670	<b>RECEPTACLE--REFRIGERATOR</b> Install one dedicated receptacle and circuit for the refrigerator.	1.00	EA	_____	_____
7715	<b>FIXTURE AND 3-WAY SWITCHES</b> Install a ceiling mounted , UL approved, 2 bulb light fixture (\$20 material allowance) controlled by a pair of ivory 3-way switches mounted at the strike side of the doors, or at top and bottom of stairwell. Where more than one switch occurs at any given point, install under common gang plate.	1.00	EA	_____	_____
7750	<b>FLUORESCENT LIGHT FIXTURE</b> Install a 18", one lamp, 15 watt, under cabinet flourescent fixture with on/off switch and 120 volt ballast with an 18" acrylic under-cabinet fixture lens and electrical connections.	1.00	EA	_____	_____
7835	<b>RANGE HOOD EXTERIOR VENTED</b> Install an exterior ducted enameled range hood with integral controls and light capable of 100 cfm at 70 somes. Attach hood to cabinet with screws. Include metal vent and roof or wall cap/damper assembly, using #14 copper Romex. Owner's choice of color. Note: Tri-County will vent to exterior. Electrician will install hood.	1.00	EA	_____	_____

Location Total: \_\_\_\_\_

Location: 6 - Powder Room/Laundry Room

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
Trade: 23	Electric				
7590	<b>RECEPTACLE--GFCI BATH</b> Install a flush mounted, ground fault circuit interrupted ivory duplex receptacle adjacent to lavatory using copper romex. Fish wire and repair all tear out.	2.00	EA	_____	_____
7615	<b>WASHER CIRCUIT 110\20 AMP</b> Install a flush or surface mounted duplex outlet for a washing machine on a separate 20 amp circuit using #12 copper Romex.	1.00	EA	_____	_____
7620	<b>DRYER CIRCUIT--30 AMP</b> Install 220 volt, 30 amp, surface mounted receptacle on an individual circuit.	1.00	EA	_____	_____
7740	<b>LIGHT FIXTURE AND SWITCH</b> Install a wall mounted, UL approved, 2 bulb light fixture (\$20 material allowance) controlled by an ivory switch with a metal cover located at the strike side of the door. (above sink)	1.00	EA	_____	_____
7818	<b>FIXTURE--LIGHT, VENT</b> Install a ceiling mounted, single bulb light fixture with an exterior ducted vent fan with damper capable of 60 cfm, controlled by 2 manufacturer- supplied switches, using code approved size Romex. Fish all wire and repair tear out.	1.00	EA	_____	_____

Location Total: \_\_\_\_\_

Location: 7 - Stairs 1st to 2nd Approx. Wall SF: 0 Ceiling/Floor SF: 0

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

7715	<b>FIXTURE AND 3-WAY SWITCHES</b>	1.00	EA	_____	_____
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Install a ceiling mounted, UL approved, 2 bulb light fixture (\$20 material allowance) controlled by a pair of ivory 3-way switches mounted at the strike side of the doors, or at top and bottom of stairwell. Where more than one switch occurs at any given point, install under common gang plate. Fish wire and repair all tear out.

7810	<b>SMOKE DETECTOR--HARD WIRED</b>	1.00	EA	_____	_____
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Install a UL approved, ceiling mounted smoke and heat detector permanently wired into a receptacle box, with battery backup. All smoke detectors should sound if any unit is activated. Locate according to code requirements, including one in hallways, bedrooms, attics and basement.

Location Total: \_\_\_\_\_

Location: 8 - Front Bedroom #1 Approx. Wall SF: 0 Ceiling/Floor SF: 0

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

7565	<b>RECEPTACLE--WIRE 15/20 AMP</b>	4.00	EA	_____	_____
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Install an ivory, duplex, 15 amp receptacle and metal cover plate using copper romex. In Kitchen and Dining Room only, install an ivory duplex, 20 amp, grouping type receptacle and cover plate using code-approved size copper Romex. Receptacles are to be installed at locations and frequency required by code. For hallways of more than 10' in length, at least one receptacle shall be installed. Fish wire and repair all tear out.

7740	<b>LIGHT FIXTURE AND SWITCH</b>	1.00	EA	_____	_____
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Install a ceiling mounted, UL approved, 2 bulb light fixture (\$20 material allowance) controlled by an ivory switch with a metal cover located at the strike side of the door. Fish wire and repair all tear out.

7810	<b>SMOKE DETECTOR--HARD WIRED</b>	1.00	EA	_____	_____
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Install a UL approved, ceiling mounted smoke and heat detector permanently wired into a receptacle box, with battery backup. All smoke detectors should sound if any unit is activated. Locate according to code requirements, including one in hallways, bedrooms, attics and basement.

Location Total: \_\_\_\_\_

Location: 9 - Sitting Room/TV Room Approx. Wall SF: 0 Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
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**Location: 9 - Sitting Room/TV Room**

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
<b>Trade: 23 Electric</b>					
7560	<b>RECEPTACLE REPLACE</b> Replace receptacle with ivory duplex receptacle and ivory metal cover plate.	5.00	EA	_____	_____
7715	<b>FIXTURE AND 3-WAY SWITCHES</b> Install a ceiling mounted, UL approved, 2 bulb light fixture (\$20 material allowance) controlled by a pair of ivory 3-way switches mounted at the strike side of the doors, or at top and bottom of stairwell. Where more than one switch occurs at any given point, install under common gang plate. Fish wire and repair all tear out.	1.00	EA	_____	_____
<b>Location Total:</b>					_____

**Location: 10 - Bathroom**

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
<b>Trade: 23 Electric</b>					
7590	<b>RECEPTACLE--GFCI BATH</b> Install a flush mounted, ground fault circuit interrupted ivory duplex receptacle adjacent to lavatory using copper romex.	1.00	EA	_____	_____
7740	<b>LIGHT FIXTURE AND SWITCH</b> Install a ceiling mounted, UL approved, 2 bulb light fixture above the sink (\$20 material allowance) controlled by an ivory switch with a metal cover located at the strike side of the door.	1.00	EA	_____	_____
7818	<b>FIXTURE--LIGHT, VENT</b> Install a ceiling mounted, single bulb light fixture with an exterior ducted vent fan with damper capable of 60 cfm, controlled by 2 manufacturer- supplied switches, using code approved size Romex.	1.00	EA	_____	_____
<b>Location Total:</b>					_____

**Location: 11 - Rear Bedroom #2**

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
<b>Trade: 23 Electric</b>					
7565	<b>RECEPTACLE--WIRE 15/20 AMP</b> Install an ivory, duplex, 15 amp receptacle and metal cover plate using copper romex. In Kitchen and Dining Room only, install an ivory duplex, 20 amp, grouping type receptacle and cover plate using code-approved size copper Romex. Receptacles are to be installed at locations and frequency required by code. For hallways of more than 10' in length, at least one receptacle shall be installed. Fish wire and repair all tear out.	5.00	EA	_____	_____
7675	<b>SWITCH REPLACE</b> Replace light switch with single pole, ivory toggle switch and	1.00	EA	_____	_____



Location: 11 - Rear Bedroom #2

Approx. Wall SF: 0

Ceiling/Floor SF: 0

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

ivory metal cover plate. Use plastic cover plates in bath area.  
(switch for balcony light)

7715	<b>FIXTURE AND 3-WAY SWITCHES</b>	1.00	EA	_____	_____
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Install a ceiling mounted , UL approved, 2 bulb light fixture (\$20 material allowance) controlled by a pair of ivory 3-way switches mounted at the strike side of the doors, or at top and bottom of stairwell. Where more than one switch occurs at any given point, install under common gang plate. Fish wire and repair all tear out.

7810	<b>SMOKE DETECTOR--HARD WIRED</b>	1.00	EA	_____	_____
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Install a UL approved, ceiling mounted smoke and heat detector permanently wired into a receptacle box, with battery backup. All smoke detectors should sound if any unit is activated. Locate according to code requirements, including one in hallways, bedrooms, attics and basement.

Location Total: \_\_\_\_\_

Location: 12 - Stairs 2nd to 3rd

Approx. Wall SF: 0

Ceiling/Floor SF: 0

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

7715	<b>FIXTURE AND 3-WAY SWITCHES</b>	1.00	EA	_____	_____
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Install a ceiling mounted , UL approved, 2 bulb light fixture (\$20 material allowance) controlled by a pair of ivory 3-way switches mounted at the strike side of the doors, or at top and bottom of stairwell. Where more than one switch occurs at any given point, install under common gang plate. Fish wire and repair all tear out.

Location Total: \_\_\_\_\_

Location: 13 - Bedroom #3

Approx. Wall SF: 0

Ceiling/Floor SF: 0

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

7565	<b>RECEPTACLE--WIRE 15/20 AMP</b>	7.00	EA	_____	_____
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Install an ivory, duplex, 15 amp receptacle and metal cover plate using copper romex. In Kitchen and Dining Room only, install an ivory duplex, 20 amp, grouping type receptacle and cover plate using code-approved size copper Romex. Receptacles are to be installed at locations and frequency required by code. For hallways of more than 10' in length, at least one receptacle shall be installed. Fish wire and repair all tear out.

7715	<b>FIXTURE AND 3-WAY SWITCHES</b>	2.00	EA	_____	_____
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Install a ceiling mounted , UL approved, 2 bulb light fixture (\$20 material allowance) controlled by a pair of ivory 3-way switches

Address: 1518 Swatara

Unit: Unit 01

Location: 13 - Bedroom #3

Approx. Wall SF: 0

Ceiling/Floor SF: 0

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

mounted at the strike side of the doors, or at top and bottom of stairwell. Where more than one switch occurs at any given point, install under common gang plate. Fish wire and repair all tear out.

7810 SMOKE DETECTOR--HARD WIRED 1.00 EA \_\_\_\_\_

Install a UL approved, ceiling mounted smoke and heat detector permanently wired into a receptacle box, with battery backup. All smoke detectors should sound if any unit is activated. Locate according to code requirements, including one in hallways, bedrooms, attics and basement.

Location Total: \_\_\_\_\_

Unit Total for 1518 Swatara , Unit Unit 01: \_\_\_\_\_

Address Grand Total for 1518 Swatara : \_\_\_\_\_

Bidder: \_\_\_\_\_

# SPECS BY LOCATION/TRADE

11/26/2013

Pre-Bid Site Visit: \_\_\_\_\_  
 Bidding Open Date: \_\_\_\_\_  
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 Initial: \_\_\_\_\_

Case Number: \_\_\_\_\_  
 Project Manager: \_\_\_\_\_  
 Phone: \_\_\_\_\_

**Address: 1518 Swatara** **Unit: Unit 01**

**Location: 1 - Exterior** Approx. Wall SF: 0 Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
<b>Trade: 22 Plumbing</b>					
7135	<b>HOSE BIBB</b> Install a bronze, freeze free hose bibb on outside of structure with inside shut-off valve and backflow preventer. Seal exterior penetration with silicone caulk.	1.00	EA	_____	_____

**Location Total:** \_\_\_\_\_

**Location: 3 - Basement** Approx. Wall SF: 0 Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
<b>Trade: 22 Plumbing</b>					
6705	<b>WASTE LINES--INSPECT, REPORT</b> Test waste lines for leaks and proper venting. Identify defects and submit to the agency a priced list of recommended repairs to bring structure into compliance with the current plumbing code.	1.00	AL	_____	_____
6710	<b>WASTE LINE--SNAKE</b> Power snake drain to clear lines for fixtures to main street sewer. Two copies of the video should be submitted to Tri-County HDC, Ltd. to determine if there are any problems in the system.	1.00	EA	_____	_____
6763	<b>GAS LINE--PRESSURE TEST</b> Cap all gas lines prior to filling the distribution system with 120 lbs. of compressed air. Maintain pressure for 24 hours. Locate and seal any leaks in the system.	1.00	EA	_____	_____
6765	<b>GAS LINE</b> Hang code approved sized fixture and supply gas lines with malleable iron screwed fittings. Install brass stop valves at all equipment. Install gas lines to gas water heater and furnace only, including shutoff valves. Note: Please advise whether existing gas line must be replaced.	1.00	LF	_____	_____
7075	<b>WATER HEATER--50 GALLON GAS</b> Install a 50 gallon, glass lined, high recovery, insulated to R-7, gas water heater with a 10 year warranty. Water heater must vent directly to outside. Include pressure and temperature relief valve, discharge tube to within 6" of floor or to outside of structure, vent, thimble, and gas piping from shut-off valve to fixture. Dispose of old water heater in code legal dump.	1.00	EA	_____	_____
7195	<b>ROUGH-IN WATER SUPPLY--1-1/2 BATH HSE</b> Remove all water supply from meter on, to code legal dump.	1.00	DU	_____	_____

Address: 1518 Swatara

Unit: Unit 01

Location: 3 - Basement

Approx. Wall SF: 0

Ceiling/Floor SF: 0

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

Install 3/4" copper tubing. Hot and cold supply pipe, 1/2". Cross-linked Polyethylene (PEX) tubing, include all accessories inclusive of manifold. Manifold to be installed on a plywood panel on the wall in a readily accessible area. Install per manufacturers specification. Installation should include individual supply lines to service one 3-piece bath, one half bath with lav and commode, kitchen and laundry area. Installation shall be complete, code compliant, fully usable, and include shut-off valves, chromed fixture supply lines and air gaps.

7215	<b>DRAIN/WASTE/VENT--1.5 BATH HSE</b> Remove all drain, waste and wet vent lines to code legal dump. Install schedule 40 PVC or cast iron DWV lines to service one 3-piece bath, one half bath with lava and commode, kitchen and laundry area from the foundation perimeter to roof vent terminus.	1.00	DU	_____	_____
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Location Total: \_\_\_\_\_

Location: 5 - Kitchen

Approx. Wall SF: 0

Ceiling/Floor SF: 0

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

6645	<b>SHUT-OFF VALVE</b> Install a PVC or chromed brass shut-off valve on existing fixture supply line.	3.00	EA	_____	_____
6835	<b>SINK--DOUBLE BOWL COMPLETE--GCI</b> 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 Gallons per Minute 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. All copper is to be soldered (no compression fittings) and all PVC fittings glued.	1.00	EA	_____	_____
6860	<b>GARBAGE DISPOSAL</b> Mount a 1/2 horsepower garbage disposal (Hot point GFC800V or equal) with a stainless steel chamber under sink and connect to waste line.	1.00	EA	_____	_____

Location Total: \_\_\_\_\_

Location: 6 - Powder Room/Laundry Room

Approx. Wall SF: 0

Ceiling/Floor SF: 0

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

6645	<b>SHUT-OFF VALVE</b> Install a PVC or chromed brass shut-off valve on existing fixture supply line.	5.00	EA	_____	_____
7000	<b>TOILET SEAT</b>	1.00	EA	_____	_____

Location: 6 - Powder Room/Laundry Room

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
Trade: 22	Plumbing				
	Install a white, wood or plastic, top mounted toilet seat and lid. Material allowance \$20.				
7010	COMMODE--REPLACE--1.6 GPF--GCI	1.00	EA		
	Install a 2 piece, close coupled, white, vitreous china, commode with a maximum water usage per flush of 1.6 gallons. Include plastic or pressed wood white seat, plastic supply pipe, shutoff valve, flap valve and wax seal. Use 14" rough-in when replacing wall-hung commode and 12" rough-in to replace close coupled commode.				
7045	VANITY-PEDESTAL	1.00	EA		
	Install a pedestal lavatory and secure to wall.				
7110	DRYER VENT	1.00	EA		
	Vent dryer to outside.				

Location Total: \_\_\_\_\_

Location: 10 - Bathroom

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
Trade: 22	Plumbing				
6645	SHUT-OFF VALVE	3.00	EA		
	Install a PVC or chromed brass shut-off valve on existing fixture supply line.				
6900	VANITY--24" COMPLETE	1.00	EA		
	Install a 24" vanity complete with plywood cabinet, cultured marble top, dual control, brass bodied, single lever faucet, supply risers, shut-off valves and all required waste connectors to complete the installation.				
6958	BATHTUB/SHOWER--5' FIBERGLASS--COMPLETE--GCI	1.00	EA		
	Install a 5', one piece, Tub/Shower - Complete Unit- fiberglass tub and shower unit complete with lever operated pop up drain and overflow, PVC waste, single lever shower diverter, shower rod and tub/shower faucet & a shower head with a maximum 2.0 GPM flow rate.				
7010	COMMODE--REPLACE--1.6 GPF--GCI	1.00	EA		
	Install a 2 piece, close coupled, white, vitreous china, commode with a maximum water usage per flush of 1.6 gallons. Include plastic or pressed wood white seat, plastic supply pipe, shutoff valve, flap valve and wax seal. Use 14" rough-in when replacing wall-hung commode and 12" rough-in to replace close coupled commode.				

Location Total: \_\_\_\_\_

Unit Total for 1518 Swatara , Unit Unit 01: \_\_\_\_\_

Address Grand Total for 1518 Swatara : \_\_\_\_\_

Bidder: \_\_\_\_\_