



**WCDA**  
 Construction Department  
 Casper WY 82609  
 307.265.0603

# Specs By Location

7/14/2017

**Address: 2211 S Mitchell, Casper HOME**

**Unit: Unit 01**

**Location: 1 - General Requirements**

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
<b>Trade: 1</b>	<b>General Requirements</b>				
1	<b>5.1 OWNER SPECIFIED LIGHT FIXTURES</b> Use the following light fixtures or prior approved equivalent: 4 Bulb Chandelier (Dining Room): Progress Lighting, P4326-09, Brushed Nickel Ceiling Mount (Bedroom/Other): Progress Lighting, P3476-09, Brushed Nickel 3 Bulb Hanging (Foyer): Progress Lighting, P3474-09, Brushed Nickel Ceiling Fan w/ light: Hunter, 23943, White Vanity Light (Bathroom): Progress Lighting, 2 light, P3028-09	1.00	EA	_____	_____
2	<b>5.2 OWNER SPECIFIED MATERIALS</b> Use the following materials or prior approved equivalent unless otherwise specified:  Wall Paint: Behr premium plus Ivory Mist or have it matched. Trim & Door Paint: Bright White Carpet: Mohawk, Traffic Master, Style: Lamont II, Color: Spice Bark. Vinyl Flooring #1: Armstrong, Initiator, Ancient Slate -- Peacock 66205 Vinyl Flooring #2: Armstrong, Initiator, Darien -- Almond 66155 Counter top: Formica, Venetian Gold, 6223-RW Cabinets: American Classics, Style: Hampton, Color: Cognac or Sandalwood Appliances: All appliances and electrical cover plates to be white unless noted otherwise. Ceramic Floor Tile: 12" x 12" DalTile, Series: Salerno, Color: Marrone Chiaro Ceramic Wall Tile: 6" x 6" DalTile, Series: Salerno, Color: Marrone Chiaro Hardware: All door hardware to be brushed nickel including hinges and stops.	1.00	GR	_____	_____
3	<b>11 DISCLAIMER</b> Wyoming Community Development Authority (WCDA) has completed a visual inspection of the property only. Use of this information is at your own risk. WCDA will not be held liable for any errors or omissions contained in the content of any inspection reports. The inspection is a visual inspection only to determine safety and health issues, visible essential repairs, visible system deficiencies, and repairs needed to preserve and protect the property. The inspection report is provided "as is" and WCDA expressly disclaims any and all warranties, express or implied, including but not limited to, any warranties of accuracy, reliability, title, merchant ability, non-infringement, fitness for a particular purpose or any other warranty, condition, guarantee or representation, whether verbal, in writing or in electronic form, including but not limited to the accuracy or completeness of any information contained therein or provided by inspection. In no event shall WCDA be liable for any special,	1.00	GR	_____	_____

Location: 1 - General Requirements

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
Trade: 1	<b>General Requirements</b>				
	indirect, or consequential damages or any damages whatsoever resulting from loss of use, data or profits, whether in an action of contract, negligence or other tortuous action, arising out of or in connection with the use or performance of information available from the inspection.				
4	<p><b>14 CONTRACTOR ACCEPTS SCOPE OF WORK</b></p> <p>The undersigned contractor certifies that he/she has carefully reviewed &amp; agrees to perform the work described in this Work Write Up (WWU) with the "Date Inspected" date of _____ &amp; referred to as Exhibit 1. The contractor shall initial &amp; date each page of the WWU.</p> <p>x _____ Date Contractor</p>	1.00	DU	_____	_____
5	<p><b>24 MANUFACTURER'S SPECS PREVAIL</b></p> <p>All materials shall be installed in full accordance with the manufacturer's specifications for working conditions, surface preparation, methods, protection and testing.</p>	1.00	GR	_____	_____
6	<p><b>31 CONSTRUCTION DEFINITIONS</b></p> <p>"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.</p>	1.00	GR	_____	_____
7	<p><b>35 VERIFY QUANTITIES/MEASUREMENTS</b></p> <p>All Quantities stated in the attached specifications for this address using Units of Measure other than Each (EA), Room (RM) or Dwelling Unit (DU) (e.g. SF of Drywall) are for the contractor's convenience and must be verified by the contractor at a mandatory site inspection prior to bid submission. All quantities stated in the Units of Measure Each (EA), Room (RM) or Dwelling Unit (DU) are as stated. Discrepancies in Quantities found by the contractor must be communicated to the Housing Rehabilitation Specialist prior to the submission of a bid. Claims for additional funds due to discrepancies in Quantities shall not be honored if submitted after the bid submission.</p>	1.00	GR	_____	_____
8	<p><b>36 BUILDING PERMIT REQUIRED</b></p> <p>If required by the Jurisdiction Having Authority, 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.</p>	1.00	EA	_____	_____
9	<p><b>42 CERTIFICATE OF OCCUPANCY</b></p> <p>Prior to final payment, the contractor shall comply with and complete all items necessary to receive a Certificate of Occupancy or Certificate of Completion for the individual dwelling unit from the local municipality or county.</p>	1.00	EA	_____	_____
10	<p><b>45 CONTRACTOR PRE-BID SITE VISIT</b></p> <p>The contractor must inspect the property. Submission of a bid is presumptive evidence that the bidder has thoroughly</p>	1.00	DU	_____	_____

Location: 1 - General Requirements

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
Trade: 1	<b>General Requirements</b>				
	examined the site and is conversant with the requirements of the local jurisdiction.				
11	<b>51 INSURANCE REQUIREMENTS</b> The Contractor shall purchase, maintain & provide the Const. Specialist with certificates of insurance for: Statutory Worker's Comp and Employers Liability; Comprehensive General Liability Insurance with minimum bodily injury limits of \$100,000 per accident and \$300,000 per aggregate; Property Insurance upon the entire work at the site to the full insurance value thereof. The above policies shall name the Owner as insured beneficiary.	1.00	EA	_____	_____
12	<b>55 WORK TIMES</b> Contractors and their Subcontractors shall schedule working hours between 8:00am and 6:00pm Monday through Friday. Requests to work on weekends and before or after these hours must be approved by the homeowner.	1.00	GR	_____	_____
13	<b>77 NEW MATERIALS REQUIRED</b> 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 WCDA and Construction Specialist.	1.00	GR	_____	_____
14	<b>86 HOLD HARMLESS</b> The contractor will defend, indemnify and hold harmless the Agency, its officers and employees from liability and claim for damages or loss and expenses arising from the contractor's operations under this contract.	1.00	GR	_____	_____
15	<b>90 1 YEAR GENERAL WARRANTY</b> 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.	1.00	DU	_____	_____
16	<b>120 FINAL CLEAN</b> Remove from site all construction materials, tools and debris. Sweep clean all exterior work areas. Clean all interior work areas, removing all visible dust, stains, labels and tags. Wash all walls and interior components. Remove all blinds. Clean all forced air ductwork if present. Clean all windows, vacuum and mop all floors, and include all other necessary cleaning actions to provide a move-in ready, finished product.	1.00	EA	_____	_____
17	<b>2031 RADON EVALUATION</b> Conduct an EPA approved sampling for Radon gas in the home. Provide a report. Complete this prior to the start of any other work.  Note: No Application for Pay will be honored until the results of the radon evaluation have been submitted to WCDA.	1.00	EA	_____	_____
18	<b>6712 SEWER--SCOPE</b> Scope and record sewer line condition and provide a written condition report and video documentation to WCDA (tape, CD	1.00	EA	_____	_____

Location: 1 - General Requirements

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
<b>Trade: 1</b>	<b>General Requirements</b>				
	or flash drive.) Note: no Application for Payment will be honored until the results of the sewer scope have been submitted to WCDA.				
<b>Trade: 9</b>	<b>Environmental Rehab</b>				
19	<b>2071 ASBESTOS--ACM ABATEMENT</b> Remove and dispose of asbestos containing material (ACM) following all federal, state, and local laws. Utilize persons properly trained in accordance with the rules. Note: approx. 2 s.f. of remnant flooring in the Dining Room has been identified as containing in excess of 2% asbestos.	1.00	EA	_____	_____
20	<b>9003 LEAD-SPECIFIC LAWS, RULES, REGULATIONS &amp; GUIDELINES</b> 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.	1.00	GR	_____	_____
21	<b>9023 CLEARANCE EXAMINATION</b> Using a trained and certified lead paint inspector, a lead hazard risk assessor, or if approved, a sampling technician, one hour after completion of all lead hazard reduction, renovation and maintenance work, conduct a visual assessment for evidence of remaining paint chips, visible dust debris and residue. Randomly select four (4) floors, two (2) window sills and two (2) window troughs to dust wipe test as per protocol in the HUD Guidelines. Submit the dust samples, plus a blank sample, to an EPA-accredited lead analytical laboratory for determination of lead content. Provide the owner, occupants and this agency with the clearance report and a "Notice of Lead Hazard Reduction" within 15 days of achieving final clearance, in accordance with 23 CFR Part 35.	1.00	EA	_____	_____
22	<b>9147 LEAD WASTE DISPOSAL</b> Wet mist and wrap all architectural components in polyethylene sheeting to prevent dust release during transport. Separate Category I lead waste (paint chips, stripping sludge, HEPA debris and water filtrate) and non-hazardous waste. Ensure that all waste, both hazardous and non-hazardous, is managed in accordance with state regulations.	1.00	DU	_____	_____
<b>Trade: 10</b>	<b>Carpentry</b>				
23	<b>Custom REPLACE REGISTERS</b> Replace any and all missing HVAC supply and return registers with matching steel registers.	1.00	DU	_____	_____
<b>Trade: 22</b>	<b>Plumbing</b>				

Location: 1 - General Requirements

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
<b>Trade: 22 Plumbing</b>					
24	<b>6610 WATER SUPPLY--INSPECT,REPAIR</b> Restore water service to structure. Conduct water pressure test as necessary to identify defects and leaks and make repairs to bring structure into compliance with the current national and local plumbing code.	1.00	EA	_____	_____
25	<b>6705 WASTE LINES--INSPECT, REPAIR</b> Test waste lines for leaks and proper venting. Identify defects and make repairs to bring structure into compliance with the current plumbing code. Power snake drain to clear lines for fixtures to main street sewer.	1.00	EA	_____	_____
<b>Trade: 23 Electric</b>					
26	<b>7435 COMPLETE REWIRE</b> Remove all existing electrical wiring and outlets. Furnish and install all new code compliant components. Include hardwired with battery backup smoke detectors, per code requirement. Include all GFCI's in wet areas, per code. Include all AFCIs at breaker box as needed. Outlet, switches, and plates shall be white. Place GFCI sticker on GFCI outlets with dual purpose breakers.  All permitting and associated fees, as well as additional code requirements, to be paid by contractor.	1.00	EA	_____	_____
27	<b>7475 ELECTRIC SERVICE--200 AMP</b> Replace existing electrical service with a residential, 200 amp service, main disconnect, 110/220 volt, 24 circuit panel board, meter socket, weather head, service cable, and ground rod and cable. Seal exterior service penetrations to maintain a waterproof building envelope.	1.00	EA	_____	_____
<b>Trade: 24 Extermination</b>					
28	<b>8303 INSPECT &amp; PROVIDE TERMITE REPORT</b> Inspect and provide termite report for the property prior to the start of any other work.  Note: no Application for Payment will be honored until the results of the termite inspection have been submitted to WCDA.	1.00	DU	_____	_____

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

Location: 2 - Exterior

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
<b>Trade: 4 Site Work</b>					
29	<b>385 FENCE--CUSTOM</b> Install steel post in alley to replace damaged wood post. Inspect the existing fence and replace/repair fence as	1.00	EA	_____	_____

Location: 2 - Exterior

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
<b>Trade: 4 Site Work</b>					
	necessary. Install matching fence along south side of backyard.				
30	<b>460 TRIM ALL OVERGROWTH</b> Trim all dead, decaying, damaged and overgrown plants, shrubs and trees, to provide safety and an attractive appearance. Remove 50% of tree limb length that overhangs any structure. Remove all debris and rake clean.	1.00	EA	_____	_____
31	<b>465 REMOVE TREE AND GRIND STUMP</b> Cut and remove large cottonwood from front yard to legal dump. Grind stump to 18" below grade. Install top soil and reseed all disturbed areas.	2.00	EA	_____	_____
32	<b>546 NEGATIVE DRAINAGE</b> Inspect all areas of foundation for negative drainage. In low areas add fill at a minimum of 4 ft from the foundation out. Compact and slope away minimum 1/4" per foot. Make sure all downspouts drain away from foundation and have extensions where required. All work is to be FHA compliant and meet minimal appraisal requirements.	1.00	EA	_____	_____
<b>Trade: 5 Demolition &amp; Disposal</b>					
33	<b>755 DEMO REAR DECK</b> Demolish entire deck including posts, deck, railings, substructure, lattice and steps and dispose of in code legal dump. Rake yard clean.	150.00	SF	_____	_____
<b>Trade: 10 Carpentry</b>					
34	<b>340 GATE--STOCKADE 6' HIGH</b> Install a 42" wide, 72" high gate on 2 gate posts using 3 heavy duty strap hinges and 3" screws. Provide a galvanized latch. Replace gate on south side of house and gate accessing alley.	2.00	EA	_____	_____
35	<b>2640 SIDING---VINYL</b> Remove existing siding down to sheathing. Hang Alside Conquest vinyl clapboard siding including all cornice, corner, soffit, door and window trim after replacing all deteriorated exterior building components. Wrap home with tyvek vapor/infiltration barrier and apply owner's choice of siding color, exposure and texture with 50 year warranty.	18.00	SQ	_____	_____
36	<b>3190 DOOR--CRAWL SPACE ACCESS</b> Install a 3/4" CDX plywood access door in a 2"x 4" preservative treated frame. Provide galvanized iron hinges and hasp.	1.00	EA	_____	_____
37	<b>3558 COVERED COMPOSITE DECK</b> Construct a covered deck with a preservative treated wood substructure and composite decking. Deck to be 12 X 12. Install 12" masonry piers to below the frost line formed with standard cardboard tube styel forms sufficient to support the structure. Framing attached to the concrete piers shall be isolated from the concrete using Simpson StrongTie (or similar) connectors. Install 2"x 10" joists and headers framed on 16	150.00	SF	_____	_____

Location: 2 - Exterior

Approx. Wall SF: 0

Ceiling/Floor SF: 0

Spec #	Spec	Quantity	Units	Unit Price	Total Price
<b>Trade: 10      Carpentry</b>					
	inch centers with 4"x 4" posts for roof. Ledger boards attached to the building shall be securely lagged to the structure with flashing that shed water from the building's cladding over the ledger. The roof shall be flashed to the building cladding in a manner that does not rely upon sealants. Install a roof structure to cover the deck with a minimum 12" overhang with minimum 2"x 8" rafters, 5/8" plywood deck, fiberglass shingles, and aluminum gutter and downspouts. Framing shall not be assembled in a manner that traps moisture and encourages deterioration. Trim the perimeter of the deck with a composite skirt board to match the decking. All structural lumber shall be preservative treated and decking shall be composite such as TREX.				
38	<b>3875 HOUSE NUMBER SET</b> Install 3" high metal or PVC house numbers on a 1"x 4" pine backer board painted with 2 coats of exterior white latex paint.	1.00	EA	_____	_____
39	<b>3885 MAILBOX</b> Dispose of mailbox and install a steel, black enamel finish, letter-size mail box with magazine rack and lock-eye for padlock.	1.00	EA	_____	_____
<b>Trade: 15      Roofing</b>					
40	<b>4580 TEAR OFF AND REROOF SHINGLES</b> Remove and dispose of all roofing & defective sheathing. Verify adequate venting and roof circulation requirements are met per code, including use of pop-up and gable vents or shingle-over ridge vents with soffit venting. Replace up to 5 sf of sheathing per 100 sf of roof using pine board or CDX plywood of matching thickness. Staple minimum 15 lb felt or use synthetic underlayment. Install preformed white aluminum, drip edge, and vent pipe boots. Install an architectural shingle with a 30 yr material warranty. Replace all flashing. Color to be selected by WCDA Construction Specialist.	14.00	SQ	_____	_____
41	<b>4635 GUTTER--5" SEAMLESS ALUMINUM</b> Dispose of gutter. Install 5", K- type, seamless, .027 gauge aluminum gutter to service roof. White or brown color choice by owner.	100.00	LF	_____	_____
42	<b>4640 DOWNSPOUT--5" SEAMLESS ALUMINUM</b> Dispose of existing downspout. Install 5", square, seamless, .027 gauge, white, aluminum downspout. Strap at least 3' on center.	40.00	LF	_____	_____
<b>Trade: 23      Electric</b>					
43	<b>8165 ENTRANCE LIGHT FIXTURE--REPLACE</b> Remove existing exterior light fixture and replace with a new exterior, waterproof, fixture.	2.00	EA	_____	_____

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

Location: 3 - Crawl Space

Approx. Wall SF: 512

Ceiling/Floor SF: 960

Spec #	Spec	Quantity	Units	Unit Price	Total Price
<b>Trade: 16</b>	<b>Conservation</b>				
44	<b>4955 VAPOR BARRIER--CRAWL SPACE</b> Lay 6 mil poly vapor barrier on ground in crawl space and 6" up foundation walls. Overlap seams by 2' and secure with duct tape.	1,000.00	SF	_____	_____
45	<b>4957 SEAL AND INSULATE--CRAWL SPACE</b> Install a 6 mil poly vapor barrier on ground in crawl space and up foundation walls to the top of the masonry leaving an inspection gap of 3 inches between the lowest wood component and the plastic. Fasten the plastic to the masonry wall with mechanical fasteners and large washers and seal the plastic to the masonry with Low VOC caulking rated to adhere plastic. Overlap seams in the plastic by 2 feet and seal the seams with fiberglass mesh tape and mastic. The end product will provide a water and air tight seal between the interior of the crawl space and the walls and floor of the crawl space and all penetrations including but not limited to those created by plumbing, electrical and HVAC equipment will be sealed tight. After the plastic vapor barrier has been inspected and approved by the Owner install a minimum R13 of Dow THERMAX foam board on the outside walls of the crawl space sealing the seams between the boards with foil tape approved by Dow for use with THERMAX. The layer of THERMAX shall be complete without voids and any gaps shall be sealed with polyurethane foam sealant.	1,000.00	SF	_____	_____
<b>Trade: 21</b>	<b>HVAC</b>				
46	<b>6040 FURNACE 90+ GAS - WITH DISTRIBUTION</b> Use the Air Conditioning Contractors of America's (ACCA) late test edition of their Manual J Heat loss calculation tool <a href="http://www.acca.org/tech/manualj/">http://www.acca.org/tech/manualj/</a> (calculate manual J based on the post rehab building envelope), use ACCA's Manual S for equipment selection and use Manual D for ductwork design. Make every effort to install supply ducts in interior partitions (in conditioned wall cavities). NOTE: Provide Manual J, S and D reports before work begins. Size furnace to the living unit considering any areas which may be added or subtracted from the plan. Remove existing furnace or boiler, recycle all metal components and dispose of all other materials in a code legal dump. FURNACE: install a 90+ gas fired forced air furnace with minimum AFUE rating of 90% or higher on 2" patio block to with new supply and return ductwork work & gas line. New furnace to be vented with PVC piping per manufacturer's specifications. New furnace will have minimum limited warranties of: 20 years on heat exchangers; 5 years on parts. Include auto set back thermostat controls, vent pipe & new shut-off valve. Install return air duct ensuring easy access, good fit & easy replacement of air filter. An exterior return air filter box shall be installed on one side, both sides, or bottom of new furnace. Seal all duct joints with Duct Mastic. Note: assure proper combustion air supply.	1.00	EA	_____	_____

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



Location: 4 - Living Room

Approx. Wall SF: 512

Ceiling/Floor SF: 247

Spec #	Spec	Quantity	Units	Unit Price	Total Price
<b>Trade: 10 Carpentry</b>					
47	<b>2435 BASE BOARD--CUSTOM</b> Remove existing base on south wall. Replace base to match existing elsewhere.	14.00	LF	_____	_____
48	<b>2981 VINYL WINDOW--FIXED PANE</b> Install a fixed vinyl, double glazed window and jamb including caulk, interior casing and exterior trim.	2.00	EA	_____	_____
49	<b>3175 DOOR--ENTRY COMPLETE</b> Dispose of existing door and frame. Install a 1-3/4" six-panel, fiberglass door and frame. Include interior and exterior casing, three 4"x 4" butt hinges, spring metal weatherstripping, an interlocking threshold, 1/4 glass, one entrance and one mortised deadbolt lockset keyed alike. Prime and topcoat with owner's choice of finish.	1.00	EA	_____	_____
50	<b>3210 STORM DOOR--ALUMINUM</b> Install an aluminum storm door with 3/4 glass and white baked enamel aluminum finish.	1.00	EA	_____	_____
51	<b>4010 CLOSET POLE</b> Field measure and install 1-1/2" diameter wood closet pole and sockets.	1.00	EA	_____	_____
<b>Trade: 19 Paint &amp; Wallpaper</b>					
52	<b>5565 PREP &amp; PAINT VACANT ROOM</b> Remove/cover all hardware, fixtures not to be painted. Wet scrape loose, cracked, peeling, blistered surfaces. Feather edges & dull gloss surfaces with sandpaper. Clean all surfaces with TSP. Spot prime and top coat trim, ceiling, walls, doors & windows with owner's choice of premixed acrylic latex. Include any closets, rooms, walls, ceiling and trim.	250.00	SF	_____	_____
<b>Trade: 20 Floor Coverings</b>					
53	<b>5970 CARPET AND PAD</b> Install FHA approved, nylon, plush carpet over a 1/2" medium density rebond pad w/ a minimum of seams. Stretch carpet to eliminate puckers, scallops & ripples. Include tackless strips, metal edge strips, and mending tape to cover entire floor including closets. On stairs, fasten carpet and pad at top and bottom of each riser. See General Requirements for specified carpet.	250.00	SF	_____	_____
<b>Trade: 23 Electric</b>					
54	<b>7740 LIGHT FIXTURE AND SWITCH</b> Install a ceiling mounted, UL approved, 2 bulb light fixture (\$40 material allowance) controlled by a switch with cover plate located at the strike side of the door. Fish wire and repair all tear out.	1.00	EA	_____	_____
<b>Trade: 800 Doors/Windows/Glass (CSI)</b>					

**Location: 4 - Living Room**

Approx. Wall SF: 512

Ceiling/Floor SF: 247

Spec #	Spec	Quantity	Units	Unit Price	Total Price
<b>Trade: 800</b>	<b>Doors/Windows/Glass (CSI)</b>				
55	<b>2983 WINDOW--VINYL CASEMENT DOUBLE GLAZED</b> Field measure, order and install a vinyl casement, double glazed, window and jamb including screen, caulk, interior casing and exterior trim. Install screen.	2.00	EA	_____	_____

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

**Location: 5 - Hall**

Approx. Wall SF: 208

Ceiling/Floor SF: 30

Spec #	Spec	Quantity	Units	Unit Price	Total Price
<b>Trade: 10</b>	<b>Carpentry</b>				
56	<b>2545 FOLDING ATTIC STAIRS</b> Install a 24" wide utility folding stairway, after doubling framing at ceiling at north end of Hall. Use "Excel Disappearing Stairway" or equal. Install casing to match trim in room.	1.00	EA	_____	_____
57	<b>3420 ATTIC ACCESS</b> Cut and frame an attic access hatch entry with a clear opening of at least 24"x24" Sheath the sides of the entry opening with 1/2" plywood to maintain a dam capable of holding back 12" of blown-in insulation. Make a hatch door of 1/2" plywood and attach 6" of foil faced polyisocyanurate foam board with the edges of the foam board sealed with aluminum foil tape. Trim the opening with casing to match room using the casing to create a lip to support the hatch door. Caulk all seams in the assembly with low VOC caulk. Weatherstrip with adhesive faced foam weatherstripping tape on the top edge of the casing that supports the door to create an airtight seal.	1.00	EA	_____	_____
58	<b>3705 CABINETS--REPAIR</b> Replace hardware on 2 cabinet doors. Assure doors hang plumb and close securely.	2.00	LF	_____	_____

**Trade: 19 Paint & Wallpaper**

59	<b>5565 PREP &amp; PAINT VACANT ROOM</b> Remove/cover all hardware, fixtures not to be painted. Wet scrape loose, cracked, peeling, blistered surfaces. Feather edges & dull gloss surfaces with sandpaper. Clean all surfaces with TSP. Spot prime and top coat trim, ceiling, walls, doors & windows with owner's choice of premixed acrylic latex. Include any closets, rooms, walls, ceiling and trim.	40.00	SF	_____	_____
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**Trade: 20 Floor Coverings**

60	<b>5970 CARPET AND PAD</b> Install FHA approved, nylon, plush carpet over a 1/2" medium density rebond pad w/ a minimum of seams. Stretch carpet to eliminate puckers, scallops & ripples. Include tackless strips, metal edge strips, and mending tape to cover entire floor including closets. On stairs, fasten carpet and pad at top and bottom of each riser. See General Requirements for specified carpet.	40.00	SF	_____	_____
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Location: 5 - Hall

Approx. Wall SF: 208

Ceiling/Floor SF: 30

Spec #	Spec	Quantity	Units	Unit Price	Total Price
Trade: 20	Floor Coverings				

Trade: 23 Electric

61	7730	<b>LIGHT FIXTURE--REPLACE</b>	1.00	EA		
		Replace the existing ceiling mounted light with a new ceiling mounted fixture with at least 2 bulbs, UL approved, with shade or globe and lamps.				

Location Total:

Location: 6 - Bathroom

Approx. Wall SF: 240

Ceiling/Floor SF: 56

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

62	2980	<b>WINDOW--VINYL DBL HNG DBL GLZ</b>	1.00	EA		
		Field measure, order and install a vinyl, double hung, double glazed, obscured glass, one-over-one window and jamb including screen, caulk, interior casing and exterior trim. Install half screen.				

63	3832	<b>BATH MIRROR</b>	1.00	EA		
		Install beveled edge mirror sized at the width of vanity by 36" high. Use adhesive manufactured for this purpose and apply to sound backing.				

64	3835	<b>ACCESSORY SET--4 PIECE</b>	1.00	EA		
		Install a brushed nickel or chrome bathroom accessory set consisting of two 20" - 24" towel bars, one towel ring, and a toilet paper holder.				

Trade: 19 Paint &amp; Wallpaper

65	5483	<b>REPR CRACKS/HOLES, TEXTURE, PREP &amp; PAINT</b>	60.00	SF		
		Repair all cracks with fiberglass drywall tape and compound. Fill holes with spackle or drywall compound. Feather edges and wet sand. Spot prime all unpainted surfaces with alkyd primer. Remove all loose and chipped paint, tape all seams and major cracks with fiberglass mesh joint tape. Mask/cover all surfaces not to be textured to eliminate overspray. Spray with a latex paint based medium texture per the manufacturer's recommended procedure. Spot prime and top coat trim, ceiling, walls, doors & windows with owner's choice of premixed acrylic latex. Include any and all closets, doors, rooms, walls, ceiling and trim.				

Trade: 20 Floor Coverings

66	5930	<b>UNDERLAYMENT AND VINYL SHEET GOODS</b>	60.00	SF		
		Install 1/4" underlayment grade plywood using 7d screw shank or cement coated nails, or narrow crown coated staples, 6" on center allowing a 1/4" gap at wall. Fill seams with a manufacturer approved filler. Install 070" thick, backed vinyl				

Location: 6 - Bathroom

Approx. Wall SF: 240

Ceiling/Floor SF: 56

Spec #	Spec	Quantity	Units	Unit Price	Total Price
<b>Trade: 20 Floor Coverings</b>					
	sheet goods w/ minimum seams, per manufact. recommendations. Install metal edge strips in openings. Owner's choice of pattern and color.				
67	<b>5945 VINYL BASE</b> Apply 4" high, .080 gauge vinyl top set, cove base molding with matching end stops and preformed corner units using a low VOC adhesive.	30.00	LF	_____	_____
<b>Trade: 22 Plumbing</b>					
68	<b>6901 VANITY--CUSTOM COMPLETE</b> Install a vanity within existing opening; including top with backsplash, wash bowl and single lever brass bodied chrome faucet with a maximum 1.5 GPM flow rate. Include PVC drain attached to a code legal plumbing vent, use type L copper or PEX supply piping with brass bodied stops on all supply lines. Seal all penetration through the floor, walls and cabinet for plumbing connections using expanding foam or caulk and cover with chrome eschucion plates. Cabinets must comply with California 93120 (formaldehyde content) or all exposed edges must be sealed with a low-VOC sealant.	1.00	EA	_____	_____
69	<b>6930 TUB/SHOWER FAUCET WITH DIVERTER</b> Install a single lever, metal shower diverter with faucet, controls, and shower head set (Glacier Bay Item # 418827 or equal) in brushed nickel or prior approved equivalent with 15 year drip-free warranty.	1.00	EA	_____	_____
70	<b>7010 COMMODE--REPLACE</b> Install a 2 piece, close coupled, white, vitreous china, commode with a maximum water usage per flush of 1.6 Gallons. Include white seat, supply pipe, shut-off valve, flap valve and wax seal.	1.00	EA	_____	_____
<b>Trade: 23 Electric</b>					
71	<b>7590 RECEPTACLE--GFCI BATH</b> Install a flush mounted, ground fault circuit interrupted duplex receptacle with cover plate adjacent to lavatory using copper non-metallic cable. Fish wire and repair all tear out.	1.00	EA	_____	_____
72	<b>7731 LIGHT FIXTURE--REPLACE VANITY</b> Replace light fixture with 2 or 3 bulb vanity light. Include shade and lamps. See General Conditions for specified material.	1.00	EA	_____	_____
73	<b>7818 FIXTURE--LIGHT, VENT</b> Install a single bulb light fixture with an exterior ducted vent fan with damper capable of 60 cfm, controlled by 2 manufacturer-supplied switches, using #14 copper Romex. Fish all wire and repair tear out.	1.00	EA	_____	_____
<b>Location Total:</b>					_____

Location: 7 - Front Bedroom

Approx. Wall SF: 368

Ceiling/Floor SF: 130

Location: 7 - Front Bedroom

Approx. Wall SF: 368

Ceiling/Floor SF: 130

Spec #	Spec	Quantity	Units	Unit Price	Total Price
<b>Trade: 10</b>	<b>Carpentry</b>				
74	<b>2350 FLOOR--REFINISH WOOD</b> Drum sand and edge floor. Counter sink all nails and fill holes. Vacuum and tack rag room. Refinish floor. Vacuum room.	130.00	SF	_____	_____
75	<b>2900 VINYL CASEMENT</b> Dispose of existing casement windows and install a dual glazed, wood casement egress window complete with screen, hardware, weatherstripping interior stool, apron casing and exterior casing. Repair all well disturbed by removal/installation. Top coat with acrylic latex. Clean glass.	1.00	EA	_____	_____
76	<b>2980 WINDOW--VINYL DBL HNG DBL GLZ</b> 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 to replace existing window. Install half screen.	1.00	EA	_____	_____
77	<b>3380 DOOR--SLIDING WARDROBE</b> Field measure, order and install a pair of raised panel, hollow core, by-passing, top hung, doors in opening up to 6' wide. Include overhead track, all hardware, and casing on one side.	1.00	EA	_____	_____
78	<b>4010 CLOSET POLE</b> Field measure and install 1-1/2" diameter wood closet pole and sockets.	1.00	EA	_____	_____
79	<b>4015 CLOSET SHELF</b> Install 1"x 12" closet shelf of #2 grade pine or B/C plywood, from wall to wall, supported on three sides by hook strip. If more than 4' span, use center support bracket. If plywood, fill all cracks, holes and front edge cuts with putty, and sand smooth.	1.00	EA	_____	_____

Trade: 19 Paint &amp; Wallpaper

80	<b>5565 PREP &amp; PAINT VACANT ROOM</b> Remove/cover all hardware, fixtures not to be painted. Wet scrape loose, cracked, peeling, blistered surfaces. Feather edges & dull gloss surfaces with sandpaper. Clean all surfaces with TSP. Spot prime and top coat trim, ceiling, walls, doors & windows with owner's choice of premixed acrylic latex. Include any closets, rooms, walls, ceiling and trim. Include small dry wall repair in closet.	130.00	SF	_____	_____
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Trade: 23 Electric

81	<b>7730 LIGHT FIXTURE--REPLACE</b> Replace the existing ceiling mounted light with a new ceiling mounted fixture with at least 2 bulbs, UL approved, with shade or globe and lamps.	1.00	EA	_____	_____
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Location Total: \_\_\_\_\_

Location: 8 - Right Rear Bedroom

Approx. Wall SF: 320

Ceiling/Floor SF: 100

Location: 8 - Right Rear Bedroom

Approx. Wall SF: 320

Ceiling/Floor SF: 100

Spec #	Spec	Quantity	Units	Unit Price	Total Price
<b>Trade: 10</b>	<b>Carpentry</b>				
82	<b>2350 FLOOR--REFINISH WOOD</b> Drum sand and edge floor. Counter sink all nails and fill holes. Vacuum and tack rag room. Refinish floor. Vacuum room.	120.00	SF	_____	_____
83	<b>2900 VINYL CASEMENT</b> Replace east window with a dual glazed, vinyl casement egress window complete with screen, hardware, weatherstripping interior stool, apron casing and exterior casing. Repair all well disturbed by removal/installation. Top coat with acrylic latex. Clean glass.	1.00	EA	_____	_____
84	<b>2980 WINDOW--VINYL DBL HNG DBL GLZ</b> Replace north window. 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.	1.00	EA	_____	_____
85	<b>3365 DOOR--BIFOLD</b> Hang a smooth, raised panel,bifold door set including overhead track, all hardware and casing on one of opening, plumb and centered within the opening.	1.00	EA	_____	_____
86	<b>4010 CLOSET POLE</b> Field measure and install 1-1/2" diameter wood closet pole and sockets.	1.00	EA	_____	_____
87	<b>4015 CLOSET SHELF</b> Install 1"x 12" closet shelf of #2 grade pine or B/C plywood, from wall to wall, supported on three sides by hook strip. If more than 4' span, use center support bracket. If plywood, fill all cracks, holes and front edge cuts with putty, and sand smooth.	1.00	EA	_____	_____

**Trade: 19 Paint & Wallpaper**

88	<b>5565 PREP &amp; PAINT VACANT ROOM</b> Remove/cover all hardware, fixtures not to be painted. Wet scrape loose, cracked, peeling, blistered surfaces. Feather edges & dull gloss surfaces with sandpaper. Clean all surfaces with TSP. Spot prime and top coat trim, ceiling, walls, doors & windows with owner's choice of premixed acrylic latex. Include any closets, rooms, walls, ceiling and trim.	120.00	SF	_____	_____
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**Trade: 23 Electric**

89	<b>7730 LIGHT FIXTURE--REPLACE</b> Replace the existing ceiling mounted light with a new ceiling mounted fixture with at least 2 bulbs, UL approved, with shade or globe and lamps.	1.00	EA	_____	_____
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**Location Total:** \_\_\_\_\_

Location: 9 - Left Rear Bedroom

Approx. Wall SF: 320

Ceiling/Floor SF: 100

Location: 9 - Left Rear Bedroom

Approx. Wall SF: 320

Ceiling/Floor SF: 100

Spec #	Spec	Quantity	Units	Unit Price	Total Price
<b>Trade: 10</b>	<b>Carpentry</b>				
90	<b>2350 FLOOR--REFINISH WOOD</b> Drum sand and edge floor. Counter sink all nails and fill holes. Vacuum and tack rag room. Refinish floor. Vacuum room.	120.00	SF	_____	_____
91	<b>2900 VINYL CASEMENT</b> Dispose of window and install a dual glazed, vinyl casement egress window complete with screen, hardware, weatherstripping interior stool, apron casing and exterior casing. Repair all wall disturbed by removal/installation. Top coat with acrylic latex. Clean glass.	1.00	EA	_____	_____
92	<b>4010 CLOSET POLE</b> Field measure and install 1-1/2" diameter wood closet pole and sockets.	1.00	EA	_____	_____
93	<b>4015 CLOSET SHELF</b> Install 1"x 12" closet shelf of #2 grade pine or B/C plywood, from wall to wall, supported on three sides by hook strip. If more than 4' span, use center support bracket. If plywood, fill all cracks, holes and front edge cuts with putty, and sand smooth.	1.00	EA	_____	_____

Trade: 19 Paint &amp; Wallpaper

94	<b>5565 PREP &amp; PAINT VACANT ROOM</b> Remove/cover all hardware, fixtures not to be painted. Wet scrape loose, cracked, peeling, blistered surfaces. Feather edges & dull gloss surfaces with sandpaper. Clean all surfaces with TSP. Spot prime and top coat trim, ceiling, walls, doors & windows with owner's choice of premixed acrylic latex. Include any closets, rooms, walls, ceiling and trim.	120.00	SF	_____	_____
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Trade: 23 Electric

95	<b>7730 LIGHT FIXTURE--REPLACE</b> Replace the existing ceiling mounted light with a new ceiling mounted fixture with at least 2 bulbs, UL approved, with shade or globe and lamps.	1.00	EA	_____	_____
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Location Total: \_\_\_\_\_

Location: 10 - Kitchen

Approx. Wall SF: 288

Ceiling/Floor SF: 80

Spec #	Spec	Quantity	Units	Unit Price	Total Price
<b>Trade: 10</b>	<b>Carpentry</b>				
96	<b>2435 BASE MOLDING--CUSTOM</b> Install baseboard--match Living Room.	22.00	LF	_____	_____
97	<b>2975 WINDOW--VINYL DBL HNG SGL GLZ</b> Field measure, order and install vinyl, double hung, single glazed, one-over-one, window and jamb, including caulk, screen, interior casing and exterior trim. Provide snap-in grill to match million pattern of other openings.	1.00	EA	_____	_____

Location: 10 - Kitchen

Approx. Wall SF: 288

Ceiling/Floor SF: 80

Spec #	Spec	Quantity	Units	Unit Price	Total Price
<b>Trade: 10      Carpentry</b>					
98	<b>3715      CABINET--WOOD BASE</b> Replace base cabinets. Install base cabinet with doors with veneered panels. Frame with solid wood stiles, 1/2" wood sides and corner bracing. See General Conditions for specified materials and color. Refer to Drawing #2 for Kitchen layout.	12.00	LF	_____	_____
99	<b>3725      CABINET--WOOD WALL</b> 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, 1/2" wood sides, corner bracing. See General Conditions for specified materials and color. Refer to Drawing #2 for Kitchen layout.	8.00	LF	_____	_____
100	<b>3750      COUNTER TOP--FORMICA</b> Field measure and screw to base cabinets a post formed, formica counter top. Provide cutout for sink. See General Conditions for specified color. Replace existing upper counter top between Kitchen and Dining Room. Refer to Drawing #2 for Kitchen layout.	16.00	LF	_____	_____
<b>Trade: 19      Paint &amp; Wallpaper</b>					
101	<b>5555      PREP/PAINT KITCHEN--SEMI GLOSS</b> Remove/cover all hardware, fixtures not to be painted. Wet scrape loose, cracked, peeling, blistered surfaces. Feather edges & dull gloss surfaces w/sandpaper. Clean all surfaces with TSP. Fill all holes/cracks. Spot prime with acrylic latex. Apply top coat of owner's choice of premixed acrylic latex semi-gloss. Include any closets.	100.00	RM	_____	_____
<b>Trade: 20      Floor Coverings</b>					
102	<b>5930      UNDERLAYMENT AND VINYL SHEET GOODS</b> Install 1/4" underlayment grade plywood using 7d screw shank or cement coated nails, or narrow crown coated staples, 6" on center allowing a 1/4" gap at wall. Fill seams with a manufacturer approved filler. Install 070" thick, backed vinyl sheet goods w/ minimum seams, per manufact. recommendations. Install metal edge strips in openings. Owner's choice of pattern and color.	100.00	SF	_____	_____
103	<b>5945      VINYL BASE</b> Apply 4" high, .080 gauge vinyl top set, cove base molding with matching end stops and preformed corner units using a low VOC adhesive.	25.00	LF	_____	_____
<b>Trade: 23      Electric</b>					
104	<b>7740      LIGHT FIXTURE AND SWITCH</b> Install a ceiling mounted, UL approved, 2 bulb light fixture (\$20 material allowance) controlled by a switch with cover plate	1.00	EA	_____	_____



Location: 10 - Kitchen

Approx. Wall SF: 288

Ceiling/Floor SF: 80

Spec #	Spec	Quantity	Units	Unit Price	Total Price
<b>Trade: 23</b>	<b>Electric</b>				
	located at the strike side of the door. Fish wire and repair all tear out.				
105	<b>7835 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. Color: white. Use existing switch.	1.00	EA	_____	_____
<b>Trade: 25</b>	<b>Appliances</b>				
106	<b>8440 ELECTRIC RANGE</b> Dispose of old stove. Install a 30" wide electric stove including oven and electrical connections. Product to be Owner specified GE Appliances model # JBS55DM or prior approved equivalent. Include any necessary modifications to electrical. Color to be selected by owner Refer to Drawing #2 for Kitchen layout.	1.00	EA	_____	_____
107	<b>8475 REFRIGERATOR--18 CF--ENERGY STAR</b> Dispose of old refrigerator. Install an ENERGY STAR approved 2 door, top freezer, frost free refrigerator with at least 17.5 cubic feet. Color to be selected by owner. Refer to Drawing #2 for Kitchen layout.	1.00	EA	_____	_____
108	<b>8491 DISHWASHER--2 CYCLE--ENERGY STAR</b> Provide and install a 24", 2 cycle (minimum), built-in Energy Star® labeled dishwasher including all alterations and connections to plumbing and electric system -- Frigidaire, Model# FBD2400KW - or - GE Model# GSD2100VWW. Color to be selected by owner. Refer to Drawing #2 for Kitchen layout.	1.00	EA	_____	_____
109	<b>8500 DISPOSAL--1/2 HP</b> Install a 1/2 horsepower, PVC chambered, quick disconnect, garbage disposal with reset button and hand crank, as manufactured by ISE, model Badger 333. Include plumbing and electrical connections.	1.00	EA	_____	_____
<b>Location Total:</b>					_____

Location: 11 - Dining Room

Approx. Wall SF: 288

Ceiling/Floor SF: 80

Spec #	Spec	Quantity	Units	Unit Price	Total Price
<b>Trade: 10</b>	<b>Carpentry</b>				
110	<b>2435 BASE BOARD--CUSTOM</b> Remove existing base on south wall and elsewhere. Replace base to match Living Room.	15.00	LF	_____	_____
111	<b>3187 DOOR--SLIDING GLASS DOOR COMPLETE</b> Dispose of door and frame. Install a prehung fiberglass,	1.00	EA	_____	_____

**Location: 11 - Dining Room**

Approx. Wall SF: 288

Ceiling/Floor SF: 80

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

insulated,sliding door and jamb unit, including interior and exterior casing, weatherstripping, threshold, screen and locking hardware. Prime and top coat.

**Trade: 17 Drywall & Plaster****112 5208 DRYWALL--PATCH--SMALL**

1.00

EA

Repair cracking in dry wall adjacent to door. Finish with compound, wet sand ready for paint.

**Trade: 19 Paint & Wallpaper****113 5565 PREP & PAINT VACANT ROOM**

100.00

SF

Remove/cover all hardware, fixtures not to be painted. Wet scrape loose, cracked, peeling, blistered surfaces. Feather edges & dull gloss surfaces with sandpaper. Clean all surfaces with TSP. Spot prime and top coat trim, ceiling, walls, doors & windows with owner's choice of premixed acrylic latex. Include any closets, rooms, walls, ceiling and trim.

**Trade: 20 Floor Coverings****114 5920 UNDERLAY AND VINYL COMPOSITION TILE**

100.00

SF

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. Fill seams with a manufacturer approved filler. Lay 12"x12"x1/8" vinyl composition tile, color group B as made by Armstrong or Azrock, per manufacturer's recommendations. Square to room axis. Include metal edge strips at openings,and shoe molding or 4" vinyl base around perimeter.Owner's choice of in-stock color.

**Trade: 23 Electric****115 7730 LIGHT FIXTURE--REPLACE**

1.00

EA

Replace the existing ceiling mounted light with a new ceiling mounted fixture with at least 2 bulbs, UL approved, with shade or globe and lamps.

**Location Total:****Location: 12 - Laundry**

Approx. Wall SF: 272

Ceiling/Floor SF: 66

Spec #	Spec	Quantity	Units	Unit Price	Total Price
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**Trade: 5 Demolition & Disposal****116 735 DEMOLITION INTERIOR--CUSTOM**

1.00

EA

Remove cabinets and nonbearing walls surrounding H2O heater. Refer to Drawing #3 for revised layout.

**Trade: 10 Carpentry**

Location: 12 - Laundry

Approx. Wall SF: 272

Ceiling/Floor SF: 66

Spec #	Spec	Quantity	Units	Unit Price	Total Price
<b>Trade: 10 Carpentry</b>					
117	<b>3345 DOOR--INT, HOLLOW CORE--RAISED PANEL</b> Install a raised panel, hollow core, masonite door on existing jamb between Laundry and Dining Room. Include passage lockset and 2 butt hinges.	1.00	EA	_____	_____
118	<b>3725 CABINET--WOOD WALL</b> Field measure and screw to studs, level and plumb, wall cabinets above washer/dryer location. Door to have solid wood stiles and plywood panels. Frame to have solid wood stiles, 1/2" wood sides, corner bracing. See General Conditions for specified materials and color.	6.00	LF	_____	_____
119	<b>Custom RECONFIGURE LAUNDRY</b> After demolition of nonbearing walls and cabinets, frame and drywall as necessary to enclose Laundry separate from Garage space. Construct a closet with door to conceal new H2O heater. Refer to Drawing #3 for new layout.	1.00	EA	_____	_____
<b>Trade: 19 Paint &amp; Wallpaper</b>					
120	<b>5565 PREP &amp; PAINT VACANT ROOM</b> Remove/cover all hardware, fixtures not to be painted. Wet scrape loose, cracked, peeling, blistered surfaces. Feather edges & dull gloss surfaces with sandpaper. Clean all surfaces with TSP. Spot prime and top coat trim, ceiling, walls, doors & windows with owner's choice of premixed acrylic latex. Include any closets, rooms, walls, ceiling and trim.	75.00	SF	_____	_____
<b>Trade: 20 Floor Coverings</b>					
121	<b>5930 UNDERLAYMENT AND VINYL SHEET GOODS</b> Install 1/4" underlayment grade plywood using 7d screw shank or cement coated nails, or narrow crown coated staples, 6" on center allowing a 1/4" gap at wall. Fill seams with a manufacturer approved filler. Install 070" thick, backed vinyl sheet goods w/ minimum seams, per manufact. recommendations. Install metal edge strips in openings. Owner's choice of pattern and color.	75.00	SF	_____	_____
<b>Trade: 22 Plumbing</b>					
122	<b>7070 WATER HEATER--40 GALLON GAS</b> Install a 40 gallon, glass lined, high recovery, insulated to R-7, gas water heater with a 10 year warranty. 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	_____	_____
123	<b>7120 DRIPLESS CENTER--WASHER HOOK UP</b> Install PVC stand pipe, hot and cold hose bibbs, and 20 amp outlet on a separate circuit to service a washing machine. Remove drain plug at conclusion of construction and place tape over hole to protect opening.	1.00	EA	_____	_____

**Location: 12 - Laundry**

Approx. Wall SF: 272

Ceiling/Floor SF: 66

Spec #	Spec	Quantity	Units	Unit Price	Total Price
<b>Trade: 23 Electric</b>					
124	<b>7730 LIGHT FIXTURE--REPLACE</b> Replace the existing ceiling mounted light with a new ceiling mounted fixture with at least 2 bulbs, UL approved, with shade or globe and lamps.	1.00	EA	_____	_____

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

**Location: 13 - Garage**

Approx. Wall SF: 620

Ceiling/Floor SF: 220

Spec #	Spec	Quantity	Units	Unit Price	Total Price
<b>Trade: 1 General Requirements</b>					
125	<b>3216 DOOR--OVERHEAD DOOR REPLACE</b> Remove existing overhead garage door, tracks, guide,s motor, and drive system. Replace with aluminum sectional over head garage door. Install tracks, motor, guides, electric safety eye, and drive system at existing opening. Provide 2 remotes controllers. Must meet current local building codes.	1.00	EA	_____	_____

**Trade: 10 Carpentry**

126	<b>3145 DOOR--EXTERIOR FLUSH--SOLID CORE</b> Install a 1-5/8" solid core, flush panel, exterior wood door with entrance lock set, and mortised dead bolt keyed alike. Include three 3"x4" butt hinges, vinyl bulb threshold, spring metal weatherstripping. Provide a self-closing device or spring hinges. Prime and topcoat.	1.00	EA	_____	_____
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**Trade: 17 Drywall & Plaster**

127	<b>5265 DRYWALL--5/8" TYPE X</b> Hang, tape and 3 coat finish 5/8" Type X drywall along walls adjacent to dwelling and on entire ceiling. Use 1/2" gyp on all other walls. Glue each framing member and screw or nail 8" on center. Run boards with long dimension horizontal. Sand ready for paint. Note: cover existing access hatch to attic.	500.00	SF	_____	_____
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**Trade: 19 Paint & Wallpaper**

128	<b>5565 PREP &amp; PAINT VACANT ROOM</b> Remove/cover all hardware, fixtures not to be painted. Wet scrape loose, cracked, peeling, blistered surfaces. Feather edges & dull gloss surfaces with sandpaper. Clean all surfaces with TSP. Spot prime and top coat trim, ceiling, walls, doors & windows with owner's choice of premixed acrylic latex. Include any closets, rooms, walls, ceiling and trim.	250.00	SF	_____	_____
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Location Total: \_\_\_\_\_

Location: 14 - Attic

Approx. Wall SF: 912

Ceiling/Floor SF: 1,248

Spec #	Spec	Quantity	Units	Unit Price	Total Price
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Trade: 15 Roofing

129	4700	VENT--ROOF-MOUNTED ATTIC	2.00	EA	_____	_____
Install a 16"x 16" roof-mounted attic vent approximately 18" below ridge.						

Trade: 16 Conservation

130	4923	INSULATION--INCREASE TO R-50	1,500.00	SF	_____	_____
Clean attic of debris and personal items. Blow in borax treated cellulose or loose lay unfaced fiberglass batts over existing insulation to increase total attic rating to at least R-50.						

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

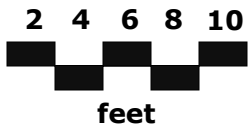
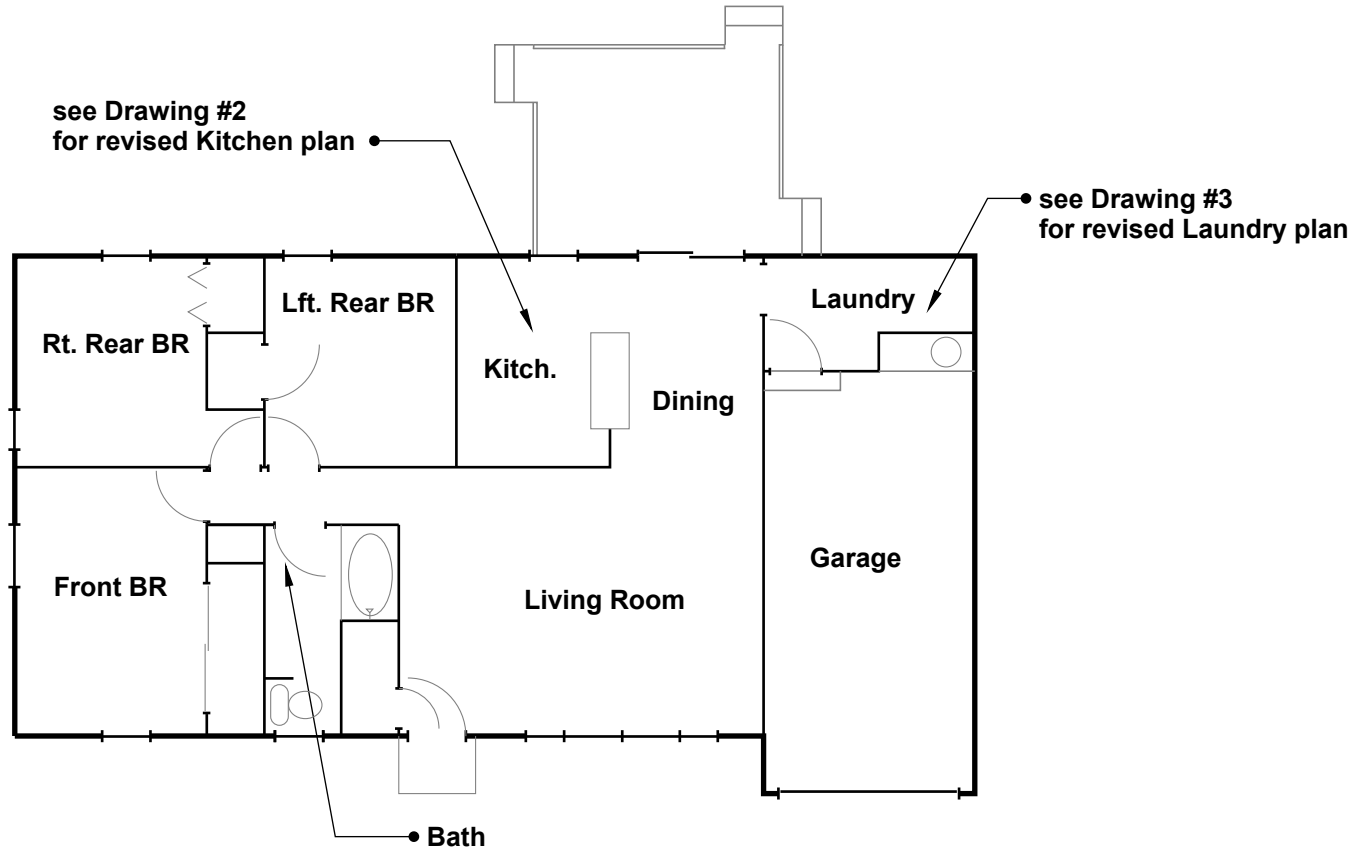
Address Grand Total for 2211 S Mitchell, Casper HOME : \_\_\_\_\_

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

# WCDA

2211 S. Mitchell, Casper, Wyoming

**Drawing #1**  
Gen. Floor Plan

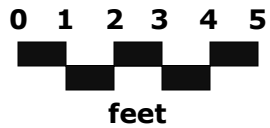
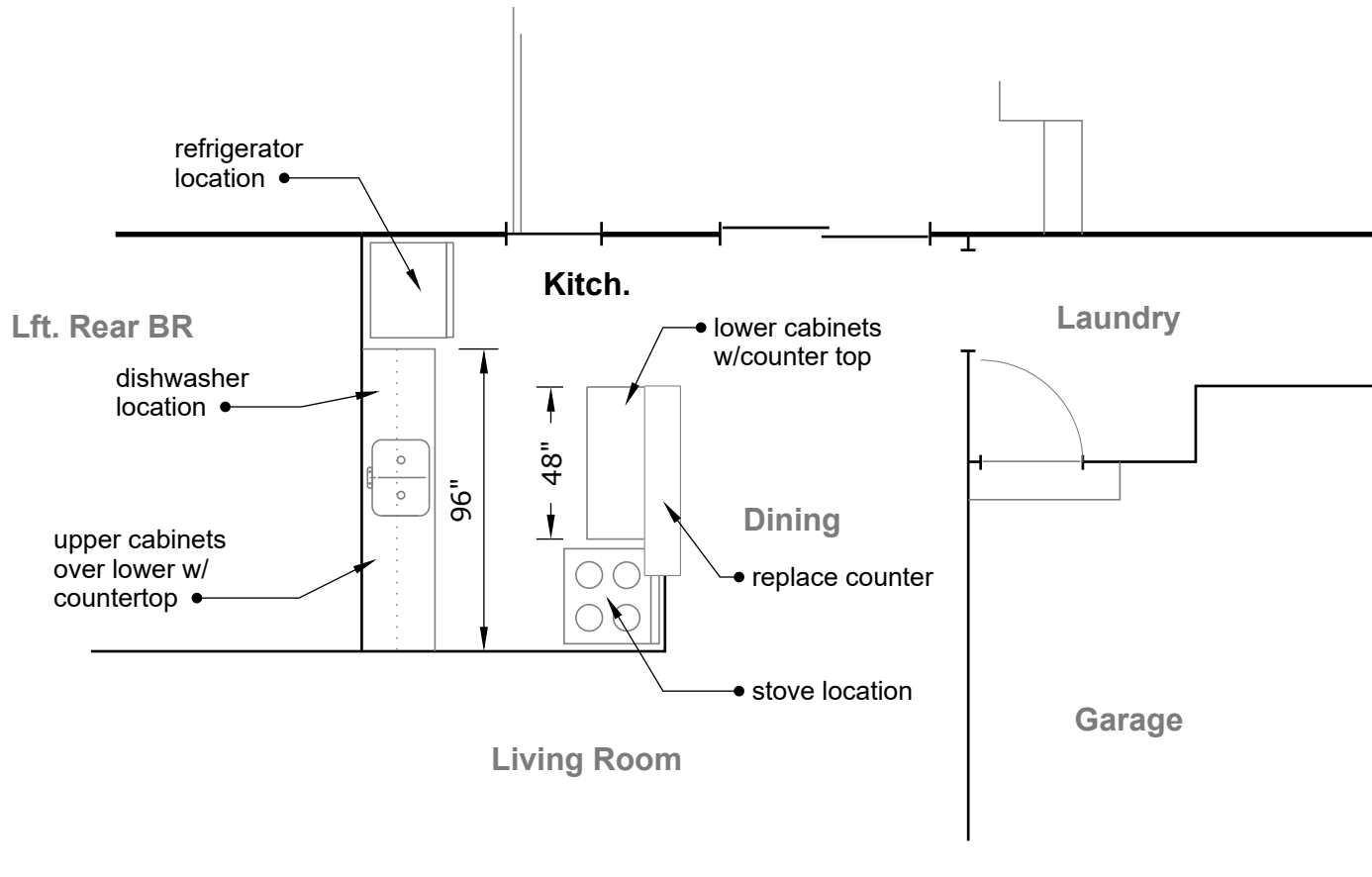


**NOTE:** Drawing is schematic only. Field check all dimensions.

# WCDA

2211 S. Mitchell, Casper, Wyoming

**Drawing #2**  
Revised Kitchen Plan

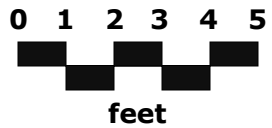
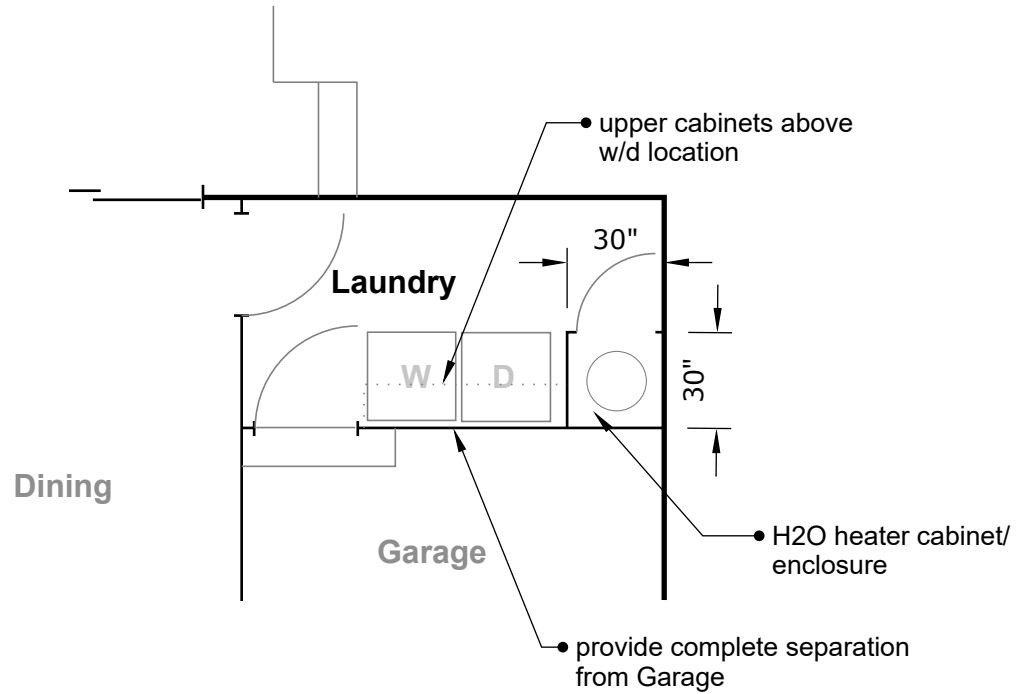


**NOTE:** Drawing is schematic only. Field check all dimensions.

# WCDA

2211 S. Mitchell, Casper, Wyoming

**Drawing #3**  
Revised Laundry Plan



**NOTE:** Drawing is schematic only. Field check all dimensions.