



## Work Order Bid (ID)

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### WORK ORDER INFORMATION

**Work Order Name:** WO/1003216/1

**Work Order Type:** Weatherization

**Audit Name:** 1002359

### CLIENT INFORMATION

**Client ID:** 1003216

**Alt. Client ID:** C1003300SA101

**County:** Hawkins

### AGENCY INFORMATION

**Agency:** Upper East Tennessee Human  
Development Agency

**Address:** 301 Louis Street  
Kingsport TN 37662

**Agency Phone:** 1-423-246-6180

**Agency Fax:**

**Email Address:** sdawes@uethda.org

**Company Name & License Number:** \_\_\_\_\_

**Contractor's Signature:** \_\_\_\_\_

### COMMENT

1976 SQUARE BRICK SPLIT FOYER TWO STORY BUILT IN 1991 WITH AN ASPHALT SHINGLE ROOF.  
ALL WORK TO BE DONE IN ACCORDANCE WITH THE TENNESSEE STANDARD WORK SPECIFICATIONS  
AS ADOPTED BY THE TENNESSEE HOUSING DEVELOPMENT AGENCY.

CONTRACTOR IS RESPONSIBLE TO VERIFY DIMENSIONS AND SCOPE OF WORK PRIOR TO BID.

SURVEY ON 8/25/2020 BY RON CARLISLE (423) 736-0678  
INITIAL BLOWER DOOR 1913@-50  
POST WORK TARGET OF 1721@-50 MUST BE MET OR EXCEEDED

**Measure 1 Infiltration Redctn**

**Components**

**Inspected**

**Comment** Initial Blower Door Reading: 1913@-50  
 Post Work Target of 1721@-50 Must Be Met or Exceeded  
 Suggested Best Practice of Air Infiltration Reduction is to use two-part foam and appropriate materials to seal the penetrations and openings in the Sub-floor (accessible in the crawl space) and in the ceilings (accessible in the attic).  
 If applicable- rake back existing insulation and use two-part foam to seal the top plates of the walls. Use Rigid Foam Board and two-part foam to close and seal openings and penetrations of soffits, chases, and duct perimeters.

#	Material/Labour	Description/Comment	Unit	Qty	Estimated		Actual			
					Unit Cost	Total	Qty	Unit Cost	Total	
1	Miscellaneous Supplies	Infiltration Reduction	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<b>Other Detail</b>										
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<b>Measure Sub Total</b>						<input type="text"/>	<b>Sub Total</b>			<input type="text"/>

**Field Notes:**

**Measure 2 DWH Pipe Insulation**

**Components**

**Inspected**

**Comment** INSULATE THE FIRST 6 FEET OF HOT AND COLD-WATER PIPE OUT OF THE WATER HEATER AS PER THE TN SWS

#	Material/Labour	Description/Comment	Unit	Qty	Estimated		Actual			
					Unit Cost	Total	Qty	Unit Cost	Total	
1	Insulation	DHW Pipe Insulation	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
2	Labor	DHW Pipe Insulation	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<b>Other Detail</b>										
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<b>Measure Sub Total</b>						<input type="text"/>	<b>Sub Total</b>			<input type="text"/>

**Field Notes:**

**Measure 3 DWH Tank Insulation**

**Components**

**Inspected**

**Comment** AS PER THE TN SWS- Wrap the 40 Gallon Electric Water Heater With R-10 or Better Insulation. Secure with Tape and Zip Ties.

#	Material/Labour	Description/Comment	Unit	Estimated			Actual		
				Qty	Unit Cost	Total	Qty	Unit Cost	Total
1	Hot Water Equipment	DHW Tank Insulation	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	DHW Tank Insulation	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Other Detail**

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Measure Sub Total**  **Sub Total**

**Field Notes:**

**Measure 4 Refrigerator Rplcmnt**

**Components**

**Inspected**

**Comment** Replace the Existing Refrigerator with a New 21 Cubic Foot Energy Star Refrigerator. Hinge the Door Appropriately.

Remove and Properly Dispose of the Old Refrigerator.

#	Material/Labour	Description/Comment	Unit	Estimated			Actual		
				Qty	Unit Cost	Total	Qty	Unit Cost	Total
1	Refrigerators	Any - 21 CU FT	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Other Detail**

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Measure Sub Total**  **Sub Total**

**Field Notes:**

**Measure 5 CO Monitor is Needed**

**Components**

**Inspected**

**Comment** INSTALL CO MONITORS AS PER THE TN SWS

#	Material/Labour	Description/Comment	Unit	Qty	Estimated		Actual			
					Unit Cost	Total	Qty	Unit Cost	Total	
1	Health and Safety Items	CO Detector	Each	3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
2	Labor	Labor	Each	3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<b>Other Detail</b>										
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<b>Measure Sub Total</b>						<input type="text"/>	<b>Sub Total</b>			<input type="text"/>

**Field Notes:**

**Measure 6 Fix Improper Venting (Clothes Dryer)**

**Components**

**Inspected**

**Comment** VENT THE CLOTHES DRYER AS PER THE TN SWS

#	Material/Labour	Description/Comment	Unit	Qty	Estimated		Actual			
					Unit Cost	Total	Qty	Unit Cost	Total	
1	Construction Materials/Hardware	Equipment	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
2	Labor	Labor	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<b>Other Detail</b>										
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<b>Measure Sub Total</b>						<input type="text"/>	<b>Sub Total</b>			<input type="text"/>

**Field Notes:**

**Measure 7 Fix Wiring Problems (Basement/Crawlspace)**

**Components**

**Inspected**

**Comment** REPLACE THE BROKEN RECEPTACLE COVER PLATE LOCATED IN THE STORAGE SPACE UNDER THE STAIR LANDING

#	Material/Labour	Description/Comment	Unit	Qty	Estimated		Actual			
					Unit Cost	Total	Qty	Unit Cost	Total	
1	Construction Materials/Hardware	Fix Wiring Problems (Basement/Crawlspace)	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
2	Labor	Labor	Hour	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<b>Other Detail</b>										
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<b>Measure Sub Total</b>						<input type="text"/>	<b>Sub Total</b>			<input type="text"/>

**Field Notes:**

**Measure 8 Install Bathroom Exhaust Fan (ASHRAE)**

**Components**

**Inspected**

**Comment** INSTALL BATH FAN/LIGHT COMBINATION WITH A NEW TWO SPEED ASHRAE COMPLIANT FAN/LIGHT COMBINATION. SET TO 40 CFM CONTINUOUS. VENT TO THE OUTSIDE WITH A TRIM KIT AS PER THE TN SWS.

#	Material/Labour	Description/Comment	Unit	Qty	Estimated		Actual			
					Unit Cost	Total	Qty	Unit Cost	Total	
1	Construction Materials/Hardware	Bathroom Exhaust Fan (ASHRAE)	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
2	Labor	Labor	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<b>Other Detail</b>										
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<b>Measure Sub Total</b>						<input type="text"/>	<b>Sub Total</b>			<input type="text"/>

**Field Notes:**

**Measure 9 PressureRelief Piping Needed**

**Components**

**Inspected**

**Comment** INSTALL A PRESSURE RELIEF PIPE AS PER THE TN SWS

#	Material/Labour	Description/Comment	Unit	Qty	Estimated		Actual			
					Unit Cost	Total	Qty	Unit Cost	Total	
1	Health and Safety Items	Pressure relief piping	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
2	Labor	Labor	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<b>Other Detail</b>										
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<b>Measure Sub Total</b>						<input type="text"/>	<b>Sub Total</b>			<input type="text"/>

**Field Notes:**

**Measure 10 Smoke Detector is Needed**

**Components**

**Inspected**

**Comment** INSTALL SMOKE DETECTORS IN ALL BEDROOMS AND COMMON AREA (HALLWAY)

#	Material/Labour	Description/Comment	Unit	Qty	Estimated		Actual			
					Unit Cost	Total	Qty	Unit Cost	Total	
1	Health and Safety Items	Smoke Detector	Each	7	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
2	Labor	Labor	Hour	7	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<b>Other Detail</b>										
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<b>Measure Sub Total</b>						<input type="text"/>	<b>Sub Total</b>			<input type="text"/>

**Field Notes:**

<b>Work Ordere Grand Total:</b>	<input type="text"/>	<b>Grand Total:</b>	<input type="text"/>
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