Work Order Bid (ID)

WORK ORDER INFORMATION

Work Order Name: WO/1003232/1
Work Order Type: Weatherization
Audit Name: 1001771

CLIENT INFORMATION

Client ID: 1003232
Alt. Client ID: C1003316SA101

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: smeade@UETHDA.org

Company Name & License Number: _____

Contractor's Signature: _____

COMMENT

1216 SQUARE FOOT RANCH BUILT ON A CRAWL SPACE IN 1960 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 8/30/2019 BY RON CARLISLE (423) 736-0678
INITIAL BLOWER DOOR 2204 @-50
POST WORK TARGET OF 1216 @-50 MUST BE MET OR EXCEEDED
Contractor required to observe both RRP rule and LSW practices.
RRP Certified Firm/Renovator Required

Carter County

Measure ***Create an Attic Access*** **Components** **Inspected**

Comment CREATE A NEW ATTIC ACCESS, INSTALL AN ENERGY LID OVER THE ATTIC ACCESS – W/S AND INSULATE

					Estimated			Actual	
#	Material/Labour	Description/Comment	Unit	Qty	Unit Cost	Total	Qty	Unit Cost	Total
1	Unspecified	Misc Material	Each	1					
Other Detail									

Measure Sub Total **Sub Total**

Field Notes:

Measure **Seal Ducts** **Components** **Inspected**

Comment SHOP-VAC AND PREPARE THE DUCT-WORK AS PER THE TN SWS.
USE MASTIC OR APPROPRIATE MATERIAL TO SEAL THE DUCT-WORK AS PER THE THDA SWS
THE OBJECTIVE IS TO REDUCE THE PRESSURE PAN READINGS TO LESS THAN 1 OR AS TIGHT AS POSSIBLE.
PRESSURE PAN READINGS:
RETURN 4.7
LIVING ROOM 2.8
KITCHEN 3.9
BEDROOM 29.7
BEDROOM 3.3
BATH ROOM
BEDROOM 2.4

				Estimated			Actual		
#	Material/Labour	Description/Comment	Unit	Qty	Unit Cost	Total	Qty	Unit Cost	Total
1	Miscellaneous Supplies	Duct Sealing	Each	1					
Other Detail									
					Measure Sub Total			Sub Total	

Field Notes:

Measure ***Infiltration Redctn*** **Components** **Inspected**

Comment Initial Blower Door Reading: 2204 @-50
Post Work Target of 1216 @-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.

				Estimated			Actual		
#	Material/Labour	Description/Comment	Unit	Qty	Unit Cost	Total	Qty	Unit Cost	Total
1	Miscellaneous Supplies	Infiltration Reduction	Each	1					
Other Detail									

Measure Sub Total **Sub Total**

Field Notes:

Measure ***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

				Estimated			Actual		
#	Material/Labour	Description/Comment	Unit	Qty	Unit Cost	Total	Qty	Unit Cost	Total
1	Insulation	DHW Pipe Insulation	Each	1					
2	Labor	DHW Pipe Insulation	Each	1					
Other Detail									

Measure Sub Total **Sub Total**

Field Notes:

Measure **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.

				Estimated			Actual		
#	Material/Labour	Description/Comment	Unit	Qty	Unit Cost	Total	Qty	Unit Cost	Total
1	Hot Water Equipment	DHW Tank Insulation	Each	1					
2	Labor	DHW Tank Insulation	Each	1					
Other Detail									

Measure Sub Total **Sub Total**

Field Notes:

Measure ***Attic Ins. R-30*** **Components** A1 **Inspected**

Comment INCREASE THE EXISTING ATTIC INSULATION TO A CONSISTENT 16 INCH DEPTH WITH BLOWN FIBERGLASS. FOLLOW THE TENNESSEE STANDARD WORK SPECIFICATIONS

All electrical junction boxes will be flagged to be seen above the level of the insulation. Open electrical junction boxes will have covers installed. Insulation dams and enclosures will be installed as required

Insulation will be adequately marked for depth a minimum of every 300 square feet of attic area.

117 LINEAR FEET OF BAFFLES NEEDED BETWEEN @ O.C. 6 /12 PITCH

				Estimated			Actual		
#	Material/Labour	Description/Comment	Unit	Qty	Unit Cost	Total	Qty	Unit Cost	Total
1	Insulation	Attic Insulation - Blown Fiberglass - R-30	SqFt	1216					
2	Labor	Attic Insulation - Blown Fiberglass - R-30	SqFt	1216					

Other Detail

Measure Sub Total **Sub Total**

Field Notes:

Measure ***CO Monitor is Needed*** **Components** **Inspected**

Comment INSTALL A CO MONITOR AS PER THE TN SWS

				Estimated			Actual		
#	Material/Labour	Description/Comment	Unit	Qty	Unit Cost	Total	Qty	Unit Cost	Total
1	Health and Safety Items	CO monitor	Each	1					
2	Labor	Labor	Each	1					

Other Detail

Measure Sub Total **Sub Total**

Field Notes:

Measure ***Fix Wiring Problems (Walls)*** **Components** **Inspected**

Comment INSTALL A WEATHERPROOF COVER PLATE OVER THE EXTERIOR ELECTRICAL OUTLET

				Estimated			Actual		
#	Material/Labour	Description/Comment	Unit	Qty	Unit Cost	Total	Qty	Unit Cost	Total
1	Health and Safety Items	Equipment	Each	1					
2	Labor	Labor	Hour	1					

Other Detail

Measure Sub Total **Sub Total**

Field Notes:

Measure ***Install Bathroom Exhaust Fan*** **Components** **Inspected**

Comment INSTALL A NEW TWO SPEED ASHRAE COMPLIANT FAN. SET TO 50 CFM CONTINUOUS. VENT TO THE OUTSIDE WITH A TRIM KIT AS PER THE TN SWS.

				Estimated			Actual		
#	Material/Labour	Description/Comment	Unit	Qty	Unit Cost	Total	Qty	Unit Cost	Total
1	Health and Safety Items	Bathroom exhaust fan	Each	1					
2	Labor	Labor	Each	1					

Other Detail

Measure Sub Total **Sub Total**

Field Notes:

Measure ***Practice Lead Safe Weatherization*** **Components** **Inspected**

Comment PRACTICE LEAD SAFE WEATHERIZATION- SUBMIT PICTURES TO THE AGENCY WITH CONTRACTOR INVOICE

				Estimated			Actual		
#	Material/Labour	Description/Comment	Unit	Qty	Unit Cost	Total	Qty	Unit Cost	Total
1	Health and Safety Items	Practice Lead Safety	Each	1					
2	Labor	Labor	Each	1					

Other Detail

Measure Sub Total **Sub Total**

Field Notes:

Measure ***Replace Heat Pump With New 2 Ton Packaged Heat Pump***

Components

Inspected

Comment REPLACE THE EXISTING PACKAGED HEAT PUMP WITH A NEW 24 Kbtu/h PACKAGED HEAT PUMP/ CENTRAL AIR CONDITIONER.
RETRO-FIT TO EXISTING DUCT-WORK
SUPPLY HOME OWNER WITH 12 RETURN FILTERS
Mechanical permits will be required for all HVAC work, as per local code. All Heat pumps installed to be 15 SEER, 8.2 HSPF. All cooling equipment, ENERGY STAR labeled and shall be sized according to the latest editions of ACCA Manuals J and S .Specification of any type of heating unit shall be taken to include all connections, wiring, ducting, safety switches, thermostats, pad if existing does not fit new unit and all other work to provide a complete, Tight, efficient, balanced and operational system. All wiring shall be on separate circuits, wired from panel box or disconnects to HVAC unit by contractor. If installing a split system that does not have existing line set the cost should be included in bid to provide new line set. If leaving the existing line set the line is to be flushed and pressurized to insure no leakage. Include condensate pump, if situation requires. If installing a package unit, it is to include a four-sided shroud. All work to meet current code for city or county work is being performed. Must provide all warranty information with invoice. If unit warranty needs registered with factory contractor is to do this for client.

				Estimated			Actual		
#	Material/Labour	Description/Comment	Unit	Qty	Unit Cost	Total	Qty	Unit Cost	Total
1	Unspecified	Misc Material	Each	1					
Other Detail									
					Measure Sub Total			Sub Total	

Field Notes:

Measure ***Smoke Detector is Needed*** **Components** **Inspected**

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

				Estimated			Actual		
#	Material/Labour	Description/Comment	Unit	Qty	Unit Cost	Total	Qty	Unit Cost	Total
1	Health and Safety Items	Smoke detector	Each	4					
2	Labor	Labor	Each	4					

Other Detail

Measure Sub Total **Sub Total**

Field Notes:

Measure ***PressureRelief Piping Needed*** **Components** **Inspected**

Comment INSTALL A PRESSURE RELIEF PIPE AS PER THE TN SWS EXTEND THE PIPE TO OUTSIDE THE FOUNDATION

				Estimated			Actual		
#	Material/Labour	Description/Comment	Unit	Qty	Unit Cost	Total	Qty	Unit Cost	Total
1	Hot Water Equipment		Each	1					

Other Detail

Measure Sub Total **Sub Total**

Field Notes:

Work Ordere Grand Total: **Grand Total:**