

Homes for Good ENERGY SERVICES DIVISION

WEATHERIZATION OF HOMES APPLICATION and SPECIFICATIONS

BID: 22-R-0001

SOLICITATION CLOSE DATE:

BID OPENING TIME:

LOCATION:

November 19, 2021

4:00 PM PST 100 West 13th Ave Eugene, OR 97401



TABLE OF CONTENTS

ADVERTISEMENT	3
INVITATION TO APPLY	4
INSTRUCTIONS TO APPLICANTS	5
GENERAL INSTRUCTIONS	7
APPLICATION SUBMITTAL REQUIREMENTS CHECKLIST	11
1) BID AGREEMENT	12
2) QUALIFICATION STATEMENTS	14
3) INDEPENDENT CONTRACTOR CERTIFICATION STATEMENT	15
4) DRUG FREE WORKPLACE CERTIFICATION	16
5) WEATHERIZATION MEASURE PRICE LIST	





Published notice Wednesday, October, 20th, 2021

INVITATION FOR SEALED BIDS WEATHERIZATION OF HOMES

22-R-0001

The Housing and Community Services Agency (HOMES FOR GOOD) of Lane County invites licensed and bonded weatherization contractors with low-income Weatherization Assistance Program experience to weatherize low-income homes in Lane County, on an "as needed" basis. This will be a qualification contract and will be awarded to the contractors most qualified to participate in HOMES FOR GOOD's WAP. Based on the selected contactors' production capacity, HOMES FOR GOOD will commit to the number of contractors necessary to meet HOMES FOR GOOD Weatherization's annual program production needs. Minority contractors and women's business enterprises are encouraged to respond.

The basis for this contract will be a list of standardized weatherization measures and per unit prices. These prices have been derived from historical data from both HOMES FOR GOOD and other similar regional WAP programs. HOMES FOR GOOD maintains the right to make changes to the unit prices in response to regulatory or market changes. As feasible, contractors will be required to take all issued jobs and work in all regions of Lane County. Both contractors and HOMES FOR GOOD have the right to cancel the contract with a 30-day notice. With cancellation, contractors will still be required to complete all jobs they have started work on. Interested contractors need to respond with this application and include a portfolio of their business model and practices. Applications will be reviewed and scored. Selected contractors will be interviewed.

Upon award of contract and for the duration of the contract, Contractors will be required to provide insurance certificates as stated in the bid packet. No application will be considered unless the applicant is registered with the CCB of Oregon. All applicants are required to comply with applicable provisions of ORS 279. HOMES FOR GOOD may reject any application not in compliance with all prescribed public request for qualification procedures and requirements, and may, for good cause, reject any or all applicants upon a finding of the Agency that it is in the public interest to do so.

HOMES FOR GOOD is an equal opportunity employer. The Lane County Human Services Commission is the sponsoring agency for the services provided. Any questions should be directed to Esteban Montero Chacon at 541-682-2563 Email should be directed to Esteban Montero Chacon at emonterochacon@homesforgood.org



INVITATION TO APPLY Weatherization of Homes

Phase: 22-R-0001

Notice is hereby given that to apply for the Weatherization of Homes, applications must be received by **4:00 pm** on **Friday November 19, 2021** at the Administrative Office of Homes for Good Housing Agency, located at **100 West 13th Avenue, Eugene, OR 97401**

APPLICANT'S NAME, ADDRESS, RFP NUMBER and OPENING DATE must be on the **OUTSIDE** of the envelope. Applications received which are not in proper form shall not be considered.

A copy of the contract specifications and documents are on file and may be obtained at the Administrative Office of Homes for Good mentioned above or by emailing <u>emonterochacon@homesforgood.org</u>

All applicants are required to comply with the provisions of ORS Chapter 279 and the applicable provisions of the Equal Opportunity Act of 1972 and the Civil Rights Act of 1964, as amended.





INSTRUCTION TO APPLICANTS

BACKGROUND

Homes for Good Housing Agency is a sub recipient of Federal Low-Income Home Energy Assistance Program (LIHEAP), **and** Department of Energy (DOE) funds to provide weatherization services for low-income families. Funding for this program is administered by State of Oregon Department of Housing and Community Services (OHCS). The Lane County Human Services Division is the local sub grantee of these funds and the sponsoring agency for the services provided.

HOMES FOR GOOD has been operating the program for the past thirty-one (35) years. HOMES FOR GOOD will be using LIHEAP and DOE federal funds in combination with Bonneville Power Administration (BPA) funding, as well as local public and private utility funds, to provide home weatherization services for eligible low-income clients in Lane County. This bid package typically refers to the weatherization of houses or homes. For the purposes of this program, apartments, duplexes, condos and mobile homes are included in the term "house or home".

Federal grants allow the Agency to provide an average of \$7,212.00 of weatherization measures for each eligible home. This amount of money in combination with BPA or other leveraged funds should provide adequate money to allow for all weatherization needs to be installed on any one home.

An energy analysis for each individual house and final inspections will be performed by an Oregon REA certified Agency employee. They will determine which measures will be most efficient and cost effective. HOMES FOR GOOD will write a **detailed** work order for each house to be released to the selected contractor. All work must comply with OECA, and OHCS specifications. **These specifications are available online at** <u>https://www.oregon.gov/ohcs/energy-weatherization/Documents/OR-WAP-Field-Guide-6-</u>2020.pdf_All interested applicants are encouraged to examine these specifications prior to submitting a bid. When specifications are updated, contractors will be notified by HOMES FOR GOOD. If updated specifications relate to a production cost increase, an adjustment will be made.

Since the work is of a retrofit nature and private citizens are involved, it is extremely important that the selected Contractor be able to perform the work according to our standards and time schedules. The selected Contractors will often be working in the homes of elderly and/or clients with disabilities and will need to work closely with HOMES FOR GOOD staff. The Agency reserves the right to reject a Contractor and cancel the contract if there are any problems in conforming to the requirements of the program, as outlined in appendices A, B, C, D, and elsewhere. Therefore, this is notice to contractors that violations of contract requirements shall be grounds to terminate the contract or cease issuing work.

HOMES FOR GOOD will be accepting qualification applications from private Contractors to provide weatherization services as described here and elsewhere in this bid package. HOMES FOR GOOD makes no promise or guarantee of the actual or total amount that will be paid under this contract. Contractors shall commit to the dollar amount of weatherization work they can complete in 12 months using HOMES FOR GOOD's established preset unit prices of common weatherization measures. Specific price agreements will be made for each house to be weatherized based upon work orders prepared by the Agency.





INSTRUCTION TO APPLICANTS

Submittal of Bids: 1 Original Copy with All Literature

Sealed bids will be received at Homes for Good, 100 West 13th Avenue, Eugene, OR 97401, until 4:00 PM PST, Friday, November 19th, 2021.

ALL MAILED PROPOSALS SHALL BE ADDRESSED AS FOLLOWS:

Contract No. 22-R-0001 Attn: Esteban Montero Chacon WZ Energy Services Director Homes for Good Housing Agency P.O. Box 668 Eugene, OR 97440

The envelopes shall also have stated therein the name and address of the submitting firm.

HAND DELIVERED COURIER OR PACKAGED DELIVERY SERVICE SHALL BE DELIVERED DIRECTLY TO:

> Contract No. 22-R-0001 Attn: Esteban Montero Chacon WZ Energy Services Director Homes for Good Housing Agency 100 West 13th Avenue Eugene, OR 97401

BIDS WILL NOT BE ACCEPTED THEREAFTER. ALL BIDS RECEIVED AFTER SAID TIME AND DATE WILL BE RETURNED UNOPENED TO THE BIDDER.



GENERAL INSTRUCTIONS

1) CONTRACTOR BID AND QUALIFICATION APPLICATION

The Bid will be a capacity bid for the dollar value of work an individual contractor can commit to in a 12-month period. There is no guarantee that HOMES FOR GOOD will provide that amount of work to the contractor. It is in the best interest of HOMES FOR GOOD to offer a predictable supply of work so that the contractors can maintain staff capacity to meet HOMES FOR GOOD's production needs. HOMES FOR GOOD's funding comes from Federal, State and utility grants and is generally predictable. The more predictably contractors produce quality and timely work, the more predictable the funds will be. It is a partnership. HOMES FOR GOOD's goals are to utilize all available funds to their maximum capacity to make low-income homes energy efficient and provide employment in Lane County. HOMES FOR GOOD reserves the right to make decisions based on meeting these weatherization program goals.

HOMES FOR GOOD is seeking passionate weatherization contractors who are qualified to predictably produce quality weatherization work that meets Weatherization Assistance Program (WAP) standards and timelines. To that end, HOMES FOR GOOD can provide some training. This is a qualifications contract. Along with the capacity bid (page 12) and general qualification statement (page 13), new contractors need to submit an overview of their business including length of time in business, annual volume of jobs, experience weatherizing, experience with WAP programs, and crew size along with their experience and training. All bidders that meet minimum qualifications will be required to interview with selection panel.

Qualification Application Documents shall be in an envelope which shall be clearly labeled with the words "BID DOCUMENTS" and show the name of bidder/applicant, the bid Phase number, the date and time of closing.

2) QUESTIONS

If a bidder has a material question as to the content of the RFP or the specifications, it shall be made in writing. Any question received five (5) or more days prior to the date fixed for opening bids will be given consideration. Answers will be in the form of addenda which will be on file in the offices of the Agency at least five (5) days before bids are opened. Addenda will be mailed to each contractor who picks up a bid packet, but it shall be the bidder's responsibility to make inquiry as to addenda issued. All such addenda shall become a part of the contract and all bidders shall be bound by such addenda, whether or not received by the bidders.

3) <u>PRE-BID MEETING</u>

A Pre-Bid Meeting is required for this solicitation. Meeting in person is preferred but in some cases a phone call to Esteban Montero Chacon could be allowed. Contractors are encouraged to submit any questions or concerns to the attention of Esteban Montero Chacon, Energy Services Manager.

4) RECEIPT AND OPENING OF APPLICATION

Applications received will be securely kept unopened until the deadline of 11/19/2021. HOMES FOR GOOD has no responsibility for the premature opening of applications not properly addressed and identified. At the time and place fixed for the opening of bids, every bid received within the time set for receiving bids will be opened, evaluated and scored.



5) AWARD OF CONTRACT: REJECTION OF BIDS

- a) The Agency reserves the right to reject any and all applications and to waive any informality in bids received whenever such rejection or waiver is in the best interest of the public and Agency.
- b) The Agency is prohibited from making any awards to contractors or accepting as subcontractors any individuals or firms which are on lists of contractor's ineligibles (debarred) to receive awards from the United States government.
- c) The Agency also reserves the right to reject the application of any contractor who has previously failed to perform properly or to complete contracts of a similar nature; who is not in a position to perform the contract; or who has habitually and without just cause, neglected the payment of bills or otherwise disregarded their obligations to subcontractors, material suppliers or employees.
- d) The successful bidders may be issued work for a total accumulative dollar value not to exceed the value of the respective contract. Work will be issued "as needed" by the Agency to sustain even flow of progress according to the policies and procedures outlined in Appendices A and B. At no time will more than 25% of the total 12-month value be in issuance to a successful bidder.

6) EXECUTION OF CONTRACT

- a) Subsequent to the award(s) and within ten (10) days after the contract forms are presented for signature, the successful bidder(s) shall execute and deliver to the Agency a contract in the form furnished (see "sample" contract) in such number of counterparts as the Agency may require.
- b) The failure of the successful bidder(s) to execute the contract(s) within ten (10) days after the Agency presents the contract for signature, shall constitute a default. Upon declaring a default, the Agency may either award the contract to the next responsible applicant or re-advertise the RFP.

7) EQUAL EMPLOYMENT OPPORTUNITY

During the performance of this contract, the Contractor agrees as follows:

- a) The Contractor will not discriminate nor allow any subcontractor to discriminate against any employee or applicant for employment because of race, color, religion, sex, handicap or national origin. The Contractor will take affirmative action to ensure that applicants are employed, and that employees are treated equally during employment, without regard to their race, color, religion, sex, handicap or national origin. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this Equal Opportunity clause.
- b) The Contractor will, in all solicitations or advertisement for employees placed by or on behalf of the Contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex or national origin.



8) <u>CONFLICT OF INTEREST</u>

No member, officer, or employee of the Agency, no member of the governing body of the locality in which the project is situated, no member of the governing body in which the Agency was activated, and no other public official of such locality or localities who exercises any functions or responsibilities with respect to the projects, shall during their tenure, or for one year hereafter, have any interest direct or indirect, in this contract or the proceeds thereof.

9) INSURANCE REQUIREMENTS

The Contractor and each of the subcontractors shall deliver to the Agency, together with the executed contract and performance bond, Certificate(s) of Insurance showing that the following insurance is in force and will cover all operations under the contract:

- a) Workers' Compensation, in accordance with State law.
- b) Automobile liability for owned and non-owned motor vehicles used on the site or in connections therewith for a combined single limit for bodily injury and property damage of not less than \$500,000 per occurrence.
- c) Commercial General Liability and Professional Liability: the minimum limit of liability shall be \$1,000,000 per occurrence written with a combined single limit for bodily injury and property damage. A deductible, if any, may not exceed \$5,000 per occurrence.
- d) Performance Bond of no less than \$20,000.

NOTE: Agency shall be named in Insurance Certificate as additional insured for all described insurance. Contractor shall submit the "**additional insured endorsement**" along with the certificate for general liability. Endorsement shall name the Agency for this project as: Homes for Good Housing Agency, 100 West 13th Ave, Eugene, OR 97401.

Should insurance be canceled or reduced prior to final acceptance and should any insurance bearing on adequacy of performance be reduced prior to end of guarantee periods, and if Contractor fails to immediately procure such insurance as specified, Agency reserves the right to procure such insurance and to charge the cost thereof to the Contractor. Insurance shall not be canceled unless Agency is notified in writing thirty (30) days prior.

10) <u>PRECONSTRUCTION MEETING</u>

Either before or soon after the actual award of the Contract (but in any event prior to the start of weatherization), the Contractor or their representative shall attend a preconstruction meeting with representatives of the Agency. The meeting will serve to acquaint new and existing contractors with the general plan of contract requirements under which the weatherization work is to proceed and will inform the Contractor of any obligations imposed on them. The date, time and place of the meeting will be furnished to the Contractor by the Agency.



11) LEAD RENOVATOR FIRM CERTIFICATE

Prior to commencement of work, Contractor and weatherization crew members must provide Agency with copies of their Lead Renovator and Firm certificates. It is the Contractor's responsibility to ensure that all of their employees who work on Agency jobs are knowledgeable in lead safe work practices. Furthermore, contractors are required to have at least one certified lead renovator on staff who oversees each job site where the structure was constructed prior to 1978. Any crewmember who is working on a measure with lead must have been trained in Lead Safe Weatherization. Additionally, it is the Contractor's responsibility to distribute the EPA Lead Safety pamphlet, *Renovate Right*, to each family being served under this program with a potential lead paint risk (residences built prior to 1978). Agency auditors will help identify such risks by stating that lead safe weatherization must be used on their written work order narrative providing date of construction information when possible. No final invoices will be paid without the required LSWP documentation and photographs of site-specific lead safe weatherization practices. Required documentation may be requested to have onsite inspections by HOMES FOR GOOD for the purposes of training. Contractors who persist in not following the required lead safe processes will no longer be issued work orders. HOMES FOR GOOD will periodically offer Lead Renovator training and certification to their contractors. With pre-approval, HOMES FOR GOOD can usually reimburse contractors the cost of Lead Training class.





APPLICATION SUBMITTAL REQUIREMENTS CHECKLIST 22-R-0001

- Bid Agreement Signed and Notarized
- _____ Qualification Statement
 - ____ Business Plan/Assessment
 - Independent Contractor Certification Statement
 - _____ Drug Free Workplace Certification
- Proof of State of Oregon Licensing
 - Proof of Lead Renovator Firm Certificate



BID AGREEMENT

22-R-0001 (TO BE SUBMITTED WITH APPLICATION) Part 1 of 5

Business Name of Bidder:

___ Phase No: 22-R-0001

- 1. The undersigned agrees, if awarded the contract, to execute and deliver to Homes for Good Housing agency, within ten (10) calendar days after receipt of a formal letter of award, two (2) signed copies of the Contract.
- 2. It is understood that the undersigned bidder may withdraw this bid at any time prior to the day of opening, but that all bids shall be irrevocable for a period of sixty (60) days from the day of opening.
- 3. Bidders must satisfy themselves by personal examination of the specifications and provisions, and by such other means as they prefer as to the actual conditions and requirements of the specifications and provisions and shall not at any time after submission of the bid, dispute, complain, or assert that there was any misunderstanding in regard to the nature, quality or description of the materials and services to be supplied.
- 4. Receipt of the following addenda to the requirements and/or specifications is hereby acknowledged:

	Addendum No.	Addendum Receipt Date	Signed Acknowledgment
1			
ъ			

(NOTE: Failure to acknowledge receipt of Addenda may be considered an irregularity in the proposal.)

- 5. The undersigned as bidder declares that the only person or parties interested in this proposal, as principals, are those named herein; that his/her proposal is made without collusion with any other person, firm, or corporation; that he/she has carefully examined the contract documents, including the specifications and special provisions; and that he/she will contract with Agency to furnish the services and materials as specified, in the manner and the time therein prescribed and according to all the requirements set forth therein; and that the contents of this bid have not been communicated by the bidder, his/her employees or agents to any person not an employee or agent of the bidder.
- 6. The Homes for Good Housing agency reserves the right to reject any or all bids and waive informality or irregularity.
- 7. Notice of Acceptance of this bid or requests for additional information should be addressed to the undersigned at the address stated on the next page:





BID AGREEMENT 22-R-0001

(TO BE SUBMITTED WITH APPLICATION)

Part 2 of 5

Based on HOMES FOR GOOD's requirements:

Business Name: _____

Addrocc.

Commits	to	have	the	capacity	to	complete	•	of	f	work	on	HOMES	FOR	GOOD
weatheriz	atio	n proj	ects i	in a 12-m	ontł	n period.								

Submitted By: _____

Add C35.		-
City, State, Zip Code:	Phone:	
Submitted by:	Date:	

If Corporation (Secretary Attest):	
· · · · · · · ·	

DATED this	day of	/	2020
------------	--------	---	------

Subscribed and sworn to before me this _____ day of _____, 2020

Notary Public for Oregon:

My commission expires:





QUALIFICATION STATEMENT

22-R-0001 (TO BE SUBMITTED WITH APPLICATION) Part 3 of 5

FIRM NAME:				
BUSINESS ADDRESS:				
CONTACT PERSON: _			PHONE:	
This firm is a:	Corporation	_ Partnership	Sole Proprietorship	
Names and addres	ses of all princip	als, partners, offic	cers, etc	
Name:		Address: _		
Name:		Address: _		
Name:		Address: _		
Name:		Address: _		
Business License No:		State Regis	tration No:	
Employee Accident	Insurance Co:			
Amt \$:	Policy No:		Exp Date:	
Agent:		PI	hone:	
Address:				
Liability & Property	y Damage Insura	ance Co:		
Amt \$:	Policy No:		Exp Date:	
Agent:			Phone:	
Address:				
Bonding Company:	l			
Amt \$:	Policy No: _		Exp Date:	
Agent:			Phone:	
Address:				
Oregon CCB#:				

100 West 13th Avenue, Eugene, OR 97401 • PH 541-682-3755 • FAX 541-682-3411



Homes. People. Partnerships. Good. www.homesforgood.org

INDEPENDENT CONTRACTOR CERTIFICATION STATEMENT

22-R-0001 (TO BE SUBMITTED WITH APPLICATION) Part 4 of 5

NOTE: Oregon law, ORS 701 075, requires your business to qualify as an independent contractor (demonstrate that you are in business for yourself and not an employee) in order to be registered with the Construction Contractors Board (formerly called the Builders Board)

You can qualify as an independent contractor by certifying that you meet the following standards as required by ORS chapter 316, 656, 657 and 701;

- (1) You provide labor and services free from direction and control, subject only to the accomplishment of specified results
- (2) You are responsible for obtaining all assumed business registrations or professional occupation licenses required by state or local law
- (3) You furnish the tools or equipment necessary to do the work
- (4) You have the authority to hire and fire employees who perform the work
- (5) You are paid on completion of the project or on the basis of a periodic retainer
- (6) You are registered with the Construction Contractors Board (Builders Board)
- (7) You filed Federal and state income tax returns for the business for the previous year if you performed labor or services as an independent contractor in the previous year
- (8) You represent to the public that you are an independently established business, as follows:

YOU MUST INDICATE THAT YOU MEET FOUR (4) OR MORE OF THE FOLLOWING

- _____ A) You work primarily at a location separate from your residence
- B) You have purchased commercial advertising, business cards, or have trade association membership
- _____ C) You use a telephone listing and service separate from your personal residence listing and service
- _____ D) You perform labor or services only pursuant to written contracts
- _____ E) You perform labor or services for two or more different persons within a period of one year
- F) You assume financial responsibility for defective workmanship and breach of contract, as evidenced by performance bonds or liability insurance coverage

I hereby certify that the above information is correct.

Signature:		_ Date
-	(owner, partner or corporate officer)	

Business name: ____



DRUG FREE WORKPLACE CERTIFICATION

22-R-0001 (TO BE SUBMITTED WITH APPLICATION) Part 4 of 5

To meet the requirements of the Drug Free Workplace Act, each contractor must certify and agree to the following provisions before contract award:

- 1. Publish, post, and provide a hard copy statement to each employee stipulating that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace, and specify the actions that will be taken against employees for violation of such prohibition
- 2. Establish a drug-free awareness program to inform employees of the following:
 - a. The dangers of drug abuse in the workplace
 - b. Company policy for maintaining a drug-free workplace
 - c. Available drug counseling, rehabilitation, and employee assistance programs
 - d. Penalties imposed for drug abuse violations occurring in the workplace
- 3. Require as a condition for employment that each employee:
 - a. Abide by the terms of Item 1 above, and
 - b. Notify the employer of any criminal drug statute conviction for a violation occurring in the workplace no later than five days after such conviction
- 4. Notify the Housing and Community Services Agency (HOMES FOR GOOD) within ten days after receiving notice (as referenced in Item 3b) from an employee or after receiving actual notice of such conviction. Employers must identify the position title of the employee and the grant number of each affected grant.
- 5. The employer must respond within 30-days of receiving notice of conviction by:
 - a. Taking appropriate personnel action against the convicted employee, up to and including termination; consistent with the requirements of the Rehabilitation Act of 1973, as amended, or
 - b. Require the employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a federal, state, or local health, law enforcement, or other appropriate agency
- 6. Continue to make a good faith effort to promote and maintain a drug-free workplace by consistently implementing steps 1 5.

I hereby certify I will maintain a Drug Free Workplace and fulfill all requirements stated above.

Company Name:	
Printed Name:	_ Title:
Signature:	Date:

ltem #	Measure Name	Measure Specifications	Unit	Draina	ge	Valley	Coast
1	Weatherization Hourly rate	The hourly rate that is the basis for standard measure costs and change orders.	Per Hour	\$ 55	.00	\$ 55.00	\$ 55.00
2	Debris Management	50 Gallon bags +1hr Wxn Rate(\$51.50 each up to 9 bags Max)	Each	\$ 51	.50	\$ 51.50	\$ 51.50
		Attic Measures:					
3	Seal chimney chase way	Bypasses shall be sealed with a draft stop of sheet metal sealed to the chimney or flue and ceiling structure with high temperature caulk.	Each Floor	\$ 100	.00	\$ 100.00	\$ 100.00
4	R-20 Blown fiberglass	Attic package includes all required baffles and dams, <u>sealing air</u> <u>penetration</u> , shielding heat producing fixtures.	Sq Ft	\$ 1	.75	\$ 1.75	\$ 1.75
5	Additional R-2 attic fiberglass	Incremental per square foot price increase per additional R-2 depth.	Sq Ft	\$ 0	.03	\$ 0.03	\$ 0.03
6	Blow insulation to cover paths	Top off compressed paths in attic to R-38. Up to 30 LF.	Each	\$ 400	.00	\$ 300.00	\$ 500.00
7	Covers for recessed "canned lights"	Approved covers similar to " <i>Tenmat</i> " for specified light fixtures.	Each	\$ 41	.20	\$ 41.20	\$ 41.20
8	Insulate exhaust fan vent pipe	Insulate exhaust fan vent pipe. R-8 min. First 10 feet.	Each	\$ 103	.00	\$ 103.00	\$ 103.00
9	0 71	Must be secured in manner to prevent dislodging and sealed around perimeter, preferably with low expansion foam or similar product. Per framing opening.	Each	\$ 7	.88	\$ 7.88	\$ 7.88
10	Insulate knee wall or skylight well to R-21	Includes house wrap.	Sq Ft	\$ 2	.89	\$ 2.89	\$ 2.89
11	Blow Slopes w/ fiberglass	2x4 framing. Add .09 per 2" increase.	Sq Ft	\$2	.63	\$ 2.63	\$ 2.63
12	Soffit vents	Non corrosive wire mesh (no more than 1/8" mesh). +1 hr Wxn Rate	Each	\$ 26	.00	\$ 26.00	\$ 26.00
13	Eave vents	Non corrosive wire mesh (no more than 1/8" mesh). +1 hr Wxn Rate	Each	\$ 30	.00	\$ 30.00	\$ 30.00
14	Gable end vent	Non corrosive metal. Up to 14" x 24"	Each	\$ 125	.00	\$ 125.00	\$ 125.00
15	NFI 48 roof vent	NFI equal to NFI 48 +2hrs Wxn Rate	Each	\$ 50	.00	\$ 50.00	\$ 50.00
16	Wx-strip and Insulate ceiling attic access. Includes plywood dam	Use rigid foam insulation on access panel and staple weatherstripping.	Each	\$ 135	.00	\$ 135.00	\$ 135.00

ltem #	Measure Name	Measure Specifications	Measure Specifications Unit Drainage Valle		Valley	Coast
17	Make inoperable knee-wall attic access	Weatherstrip and secure wallboard with properly installed screws. Exposed side of access panel must be finished or have a paint grade surface. Weather-strip and insulate panel.	Each	\$ 150.00	\$ 150.00	\$ 150.00
18	Wx-strip and insulate existing	R-21 min. insulation covered in house wrap and secured with twine stapled to plywood access cover as needed and shall cover the access entirely. Seal access with closed cell foam tape weatherstripping (stapled). 14" wide R-38 batt dam or 1/2" min. plywood framing extending 4" above insulation around attic opening.	Each	\$ 65.00	\$ 65.00	\$ 65.00
		Floor Measures:				
19	R-25 fiberglass batts under floor	Floor package. Minimum 18" clearance. Includes air sealing floor.	Sq Ft	\$ 2.10	\$ 2.10	\$ 2.10
20	Add for low clearance	Floors less than 18" clearance. Add to floor package.	Sq Ft	\$ 0.40	\$ 0.40	\$ 0.40
21	Price differential for greater or less R-value	Add or subtract from floor package sq ft price. Add cost difference from R-25 to R-30	Sq Ft	\$ 0.20	\$ 0.20	\$ 0.20
22	Wrap water pipes	Wrap water pipes in unconditioned crawl space. Estimated at 10% of floor area. Contractor to verify.	Ln ft	\$ 2.00	\$ 2.00	\$ 2.00
23	6 mil. black polyethylene ground cover	Includes the removal of 50 gal. of debris.	Sq Ft	\$ 1.00	\$ 0.80	\$ 1.30
24	Remove existing underfloor insulation	Remove and dispose.	Sq Ft	\$ 1.10	\$ 1.10	\$ 1.10
25	Re-secure existing floor insulation	Min. 5/8" embedment of corrosion resistant nails or min. 18g. staples shall be used. Re-secure existing insulation and support with 150# twine installed in a zigzag pattern and secured on every stud at 12" o.c.	Sq Ft	\$ 0.83	\$ 0.83	\$ 0.83
26	Re-screen crawl space vents w/ 1/4"mesh	Use corrosion resistant 1/4" wire mesh secured on all four sides from the <u>inside</u> with corrosion resistant fasteners. Any wood in contact with concrete or ground must be pressure treated. +1 hr Wxn Rate	Each	30.00	30.00	30.00
27	Foundation wall access	Install new access cover for foundation wall access	Each	\$ 82.40	\$ 82.40	\$ 82.40
28	Construct new <i>R-25</i>	R-25 min. insulation covered in house wrap and secured with twine stapled to plywood access cover shall cover the access entirely. Seal access with closed cell foam tape weatherstripping. Wood in contact with concrete or the ground must be pressure treated.	Each	\$ 170.00	\$ 170.00	\$ 170.00

ltem #	Measure Name	Measure Specifications	Unit	Dr	Drainage Valley		c	Coast	
29	Repair and/or replace R-25 crawlspace access cover	R-25 min. insulation covered in house wrap and secured with twine stapled to plywood access cover and shall cover the access entirely. Seal access with closed cell foam tape weatherstripping. Wood in contact with concrete or the ground must be pressure treated.	Each	\$	120.00	\$	120.00	\$	120.00
30	Insulate crawlspace access to R-25 and weatherstrip	R-25 min. insulation covered in house wrap and secured with twine stapled to plywood access cover and shall cover the access entirely. Seal access with closed cell foam tape weatherstripping (stapled). Wood in contact with concrete or the ground must be pressure treated.	Each	\$	50.00	\$	50.00	\$	50.00
		Duct Measures (stick built):							
31	Duct Seal	Use only water-based sealing mastic, fiberglass mesh tape, min. 26g. sheet metal, and sheet metal fasters may be used. Duct leakage to the outside may be no more than 10% of floor area after sealing as measured in CFM@50 pascals pressure. Cost per square foot as calculated by REM Design.	Sq Ft	\$	2.40	\$	2.40	\$	2.40
32	R-11 crawlspace duct insulation	Ducts must be secured to subfloor w/ corrosion resistant wire; where in contact w/ ground, install rigid polystyrene foam under duct. Install vinyl faced R-11 fiberglass insulation to entire duct system secured with polypropylene nylon twine, in a circular fashion max. 18" o.c. A min. of 3" in insulation depth shall be maintained.	Sq Ft	\$	2.32	\$	2.32	\$	2.32
33	R-19 Attic duct insulation	Install vinyl faced R-19 fiberglass insulation to entire duct system in attic as per specs.	Sq Ft	\$	2.58	\$	2.58	\$	2.58
34	Duct Seal	Air seal duct boot. Cost per boot.	Each	\$	25.00	\$	25.00	\$	25.00
35	Flex duct	Replace flex duct for furnace	Ln ft	\$	12.00	\$	12.00	\$	12.00
		Wall Measures:							
36	Interior Airseal	Package including Plumbing and all associated bypasses.	Each	\$	150.00	\$	100.00	\$	250.00
37	Wallboard	Includes Tape & Mud, Material & Texture matching	Sq Ft	\$	4.25	\$	4.25	\$	4.25
38	Wrap water heater pipes	Wrap water heater pipes	Each	\$	75.00	\$	50.00	\$	100.00
39	R-15 High density blown insulation (drill and fill) 2X4 wall	At least 97% of the installation area must be free of voids. If siding cannot be removed, exterior wall plugs shall be non-vented type and of a non-shrinking / non-expanding material with exterior spackle and primed.	Sq Ft	\$	2.50	\$	2.50	\$	2.50
40	Lead safe work practices	For drill and fill exterior wall insulation. +2 hrs Wxn Rate	Ln Ft	\$	3.00	\$	3.00	\$	3.00

ltem #	Measure Name	Measure Specifications	Unit	D	rainage	,	Valley		Valley		Valley		Coast
41	Window replacement < 10 sf	Labor and material to install windows <i>less than 10 sq ft.</i> Includes cost of window, and time to measure and order windows. All windows must be vinyl and meet <i>OHCS U-Value requirements.</i>	Sq Ft	\$	41.00	\$	40.00	\$	42.00				
42	Small window flat fee ≤ 5 sf	Labor and material to install windows less than 5 sq ft. Includes cost of window, and time to measure and order windows. All windows must be vinyl and meet OHCS U-Value requirements.	Each	\$	250.00	\$	250.00	\$	250.00				
43	Window replacement 10-20 sf	Labor and material to install windows greater than or equal to 10 sq ft and up to 20 sq ft. See Measure Specifications of "Window Replacement < 10 sf" for additional requirements.	Sq Ft	\$	29.00	\$	28.00	\$	30.00				
44	Window replacement 20-30 sf	Labor and material to install windows greater than or equal to 20 sq ft and up to 30 sq ft. See Measure Specifications of "Window Replacement < 10 sf" for additional requirements.	Sq Ft	\$	26.00	\$	25.00	\$	27.00				
45	Window replacement ≥ 30 sf	Labor and material to install windows greater than or equal to 30 sq ft. See Measure Specifications of "Window Replacement < 10 sf" for additional requirements.	Sq Ft	\$	25.00	\$	24.00	\$	26.00				
46	Window replacement add obscure	Additional cost for obscure glass	Sq Ft	\$	2.50	\$	2.50	\$	2.50				
47	Window replacement add tempered	Additional cost for tempered glass	Sq Ft	\$	5.10	\$	5.10	\$	5.10				
48	Exterior Window Trim	To be installed in a workman-like manner. All materials are to be exterior grade, primed including end-cuts, and caulked. +1hr Wxn Rate	Each	\$	50.00	\$	50.00	\$	50.00				
49	Patio door replacement	Labor and material to install Patio Door. Includes cost of patio door, and time to measure and order. PD must be vinyl and meet OHCS U-Value requirements. +4 hrs Wxn Rate	Each	\$	1,100.00	\$	1,100.00	\$	1,100.00				
50	Lead safe work practices for windows and doors	+2 hrs Wxn Rate	Each	\$	50.00	\$	50.00	\$	50.00				
		Mechanical Measures:											
51		Replace existing bath fan <u>or Range Hood</u> with ASHRAE 62.2 compliant fan with intermittent duty cycle fan and Smart switch. Includes venting fan to outside <u>(6" or larger only</u>) and ceiling patch as needed. Range hood duct material shall be constructed of galvanized metal, greater than or equal to No. 28 gauge. NOTE: price is for Stand-alone fan.	Each	\$	1,200.00	\$	1,200.00	\$	1,200.00				

ltem #	Measure Name	Measure Specifications	Unit	Drainage	Valley	Coast
52	Install 62.2 fan	Replace existing bath fan <u>or Range Hood</u> with ASHRAE 62.2 compliant fan with intermittent duty cycle fan and Smart switch. Includes venting fan to outside <u>(6" or larger only</u>) and ceiling patch as needed. Range hood duct material shall be constructed of galvanized metal, greater than or equal to No. 28 gauge. NOTE: price is for fan in conjunction with any other HVAC work needed.	Each	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00
53	Add light to 62.2 fan		Each	\$ 230.00	\$ 230.00	\$ 230.00
54	Add damper to existing exhaust fan	Install back draft damper.	Each	\$ 85.00	\$ 85.00	\$ 85.00
55	Vent existing bath fan per Wx specs. First 10 feet.	Install smooth rigid duct vent <u>(6" or larger only)</u> , mechanically fastened, and sealed in as short a run as possible from fan to roof jack to ensure exhaust leaves building. Screws or other fasteners shall not protrude into ducts. Ducts shall be equipped w/ an operating back draft damper.	Each	\$ 125.00	\$ 125.00	\$ 125.00
56	Roof vent cap termination	Install roof vent cap w/ 1/4" mesh +2 hrs Wxn Rate	Each	\$ 100.00	\$ 100.00	\$ 100.00
57	Vent existing kitchen fan per Wy specs, First 10 feet	Install manufactured duct greater than or equal to 28 gage, galvanized sheet metal mechanically fastened and sealed at code approved metal vent cap to ensure exhaust leaves building. Screws or other fasteners shall not protrude into ducts. Ducts shall be equipped w/ an operating back draft damper.	Each	\$ 150.00	\$ 150.00	\$ 150.00
58	work	Existing dryer vent must exhaust to outside. Ducts shall be supported to prevent sagging and wall penetrations must be sealed. Screws or other fasteners shall not protrude into the duct. Maximum 3 feet flexible metal duct acceptable between dryer and wall register dryer.	Each	\$ 75.00	\$ 75.00	\$ 75.00
59	Vent dryer with new rigid	Dryer vent must have a damper and exhaust to outside. Ducts must be greater than or equal to No. 28 gage and supported to prevent sagging and wall penetrations must be sealed. Screws or other fasteners shall not protrude into the duct. Maximum 3 feet flexible metal duct acceptable between dryer and wall register dryer.	Each	\$ 125.00	\$ 125.00	\$ 125.00
60	Digital T-stat	Install digital thermostat for furnace	Each	\$ 125.00	\$ 125.00	\$ 125.00

ltem #	Measure Name	Measure Specifications	Unit	Dr	ainage	e Valley		Valley		nage Valley		Coast
61	GFCI	Install GFCI for service of DHP if no pre-existing outlet is within 25' of unit	Each	\$	200.00	\$	200.00	\$ 200.00				
62	TPR Discharge Line	Install discharge line from TPR valve of water heater to outdoors or pan constructed of an approved material	Each	\$	125.00	\$	125.00	\$ 125.00				
		Door Measures:										
63	Replace exterior door in stick built home & MH Door	<i>Pre-hung</i> fiberglass <i>insulated</i> 6 panel door with <i>passage lockset</i> and single- <i>cylinder</i> dead bolt. Trimmed and sealed inside and out. <i>Door must meet current OHCS Field Guide qualifying requirements.</i>	Each	\$	800.00	\$	800.00	\$ 800.00				
64	Install door jamb weather-strip kit	Use noncorrosive fasteners max. 4" o.c. and max. 2" from threshold. Low temp. vinyl/silicone w/ rigid flange, interlocking metal, or neoprene weatherstripping shall be installed in one continuous strip along each side.	Each	\$	42.00	\$	42.00	\$ 42.00				
65	Install threshold and/or door shoe	Use noncorrosive fasteners. Install new threshold and door-bottom mounted vinyl bulb (door shoe). Door bottom shall not have a surface that rubs against the floor.	Each	\$	125.00	\$	125.00	\$ 125.00				
66	Door sweep	Install per manufacturer's specifications.	Each	\$	42.00	\$	42.00	\$ 42.00				
67	Install new peephole	Install per manufacturer's specifications.	Each	\$	41.20	\$	41.20	\$ 41.20				
		Single ply roof/insulation measures										
<u>68</u>	EPDM, TPO or PVC	45 mil. minimum. Insulate ends, seal vents.	Sq Ft	\$	3.00	\$	3.00	\$ 3.00				
69	Roof Deck Insulation	R-20 minimum	Sq Ft	\$	3.00	\$	3.00	\$ 3.00				
70	Blow in fiberglass insulation to max R-value to "ceiling"	All heat producing fixtures must be shielded in accordance with OHCS specifications and State and Local codes. Insulation must be installed in accordance with OHCS Weatherization Specifications.	Sq Ft	\$	1.00	\$	1.00	\$ 1.00				
71	Demo Shingles & Disposal	Remove and dispose existing roofing.	Sq Ft	\$	1.25	\$	1.25	\$ 1.25				
		Mobile Home Measures:										
72	Tear out and re-insulate floor	Includes air sealing floor and insulating ducts as exposed.	Sq Ft	\$	2.20	\$	2.20	\$ 2.20				
73	House wrap underfloor insulation	Protect MH underfloor insulation with Tyvek.	Sq Ft	\$	1.00	\$	1.00	\$ 1.00				
74	Repair belly board - Hard or soft	Repair material must be of equal or greater strength than the existing belly board, meet Flame Spread Rating of sec. 1713 and 1714 of the 1991 UNC, and stapled in place using a stitch stapler; repairs of over 9 square feet must be supported with 150# polypropylene twine. +1hr Wxn Rate	Sq Ft	\$	1.50	\$	1.50	\$ 1.50				

Item #	Measure Name	Measure Specifications	Unit	Drain	age	Valley	Coas	t
75	Blow-in fiberglass to max R- value to belly	Blow in Fiberglass insulation to capacity of mobile home belly. Seal all floor penetrations including "marriage line" w/ foam sealant.	Sq Ft	\$	2.50	\$ 2.50	\$2	2.50
76	Install vent in MH skirting	w/o Ground cover: 1 sf NFA / 300 sf. w/ Ground Cover: 1 sf NFA / 1500 sf	Each	\$ 2	28.50	\$ 28.50	\$ 28	8.50
77	Replace Skirting	Vinyl, Treated Wood or Metal +1 hr Wxn Rate	Ln ft	\$ 1	14.00	\$ 14.00	\$ 14	00.4
78	Varmint Control	If using mesh, install a maximum of 1/4" mesh or other material to prevent animal intrusion into crawlspace. +1 hr Wxn Rate	Ln ft	\$	5.00	\$ 5.00	\$5	5.00
79	R-11 Water Heater Closet Door Insulation	R-11 min. insulation covered in white vinyl w/ max. FSR of 150 and secured with twine attached to Water Heater door w/ noncorrosive fasteners and shall cover the door entirely except where min. heat and vent clearances need maintained. Seal door with closed cell foam tape weatherstripping.	Each	\$ 8	80.00	\$ 80.00	\$ 80).00
80	Weatherize WH closet	Insulate water heater closet walls in mobile home with R-13 batt. Includes wrapping water pipes, air sealing walls, and weatherstripping door.	Each	\$ 20	00.00	\$ 200.00	\$ 200	0.00
81	Seal ducts (single wide mobile homes)	Using approved mastic and mastic-plus-embedded-fabric systems and sheet metal fasteners. Insulate w/ min. R-11, support off the ground and secure to floor structure w/ corrosion resistant wire/twine or supported off ground with extruded rigid polystyrene. Duct leakage to the outside may be no more than 10% of floor area after sealing as measured in CFM@50 pascals pressure. <i>Includes</i> <i>sealing plenum.</i>	Each	\$ 3!	50.00	\$ 350.00	\$ 350	i.00
82	Seal ducts (double wide mobile homes)	Using approved mastic and mastic-plus-embedded-fabric systems and sheet metal fasteners. Insulate w/ min. R-11, support off the ground and secure to floor structure w/ corrosion resistant wire/twine or supported off ground with extruded rigid polystyrene. Duct leakage to the outside may be no more than 10% of floor area after sealing as measured in CFM@50 pascals pressure. <i>Includes</i> <i>sealing plenum</i> .	Each	\$ 5(00.00	\$ 500.00	\$ 500	1.00

Item #	Measure Name	Measure Specifications	Unit	Drainage		Drainage V		Coast	
83	Replace crossover duct	Rigid pipe greater than or equal to No. 26 gage, sealed using approved mastic and mastic-plus-embedded-fabric systems and sheet metal fasteners. Insulate w/ vinyl faced R-11, support off the ground and secure to floor structure w/ corrosion resistant wire/twine or supported off ground with extruded rigid polystyrene. \$38.00 /per LF for additional footage if over 15 LF.	Each	\$	570.00	\$	570.00	\$	570.00
84	Seal crossover duct and insulate to R-11	Using approved mastic and mastic-plus-embedded-fabric systems and sheet metal fasteners. Insulate w/ vinyl faced R-11, support off the ground and secure to floor structure w/ corrosion resistant wire/twine or supported off ground with extruded rigid polystyrene.	Each	\$	200.00	\$	200.00	\$	200.00
85	Install rigid polystyrene foam under ducts	When ducts are in contact with ground, extruded rigid polystyrene foam shall be used between the duct and the ground.	Each	\$	50.00	\$	50.00	\$	50.00
		Pressure Balance Measures:							
86	Undercut interior doors	Cut amount specified off door bottom and replace bottom blocking as needed.	Each	\$	77.00	\$	77.00	\$	77.00
87	High/low vents	Install high vent on bedroom side and low vent on return air side within the same wall cavity.	Pair	\$	125.00	\$	125.00	\$	125.00
88	Return Air Pathway (RAP)	Cut amount specified out of bottom door section and install RAP.	Each	\$	125.00	\$	125.00	\$	125.00