

**SUBMITTAL TO THE BOARD OF SUPERVISORS
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**



**ITEM: 3.29
(ID # 11732)**

MEETING DATE:

Tuesday, March 10, 2020

FROM: RUHS-PUBLIC HEALTH:

SUBJECT: RIVERSIDE UNIVERSITY HEALTH SYSTEM-PUBLIC HEALTH/ COMMUNITY ACTION PARTNERSHIP: Ratify and Approve Amendment No. 1 for the Weatherization Master Service Agreement #19-002 between Riverside County and Reliable Energy Management, Inc. Districts: All. [Total Cost Reduction (\$333,334) - 100% Federal Funds]

RECOMMENDED MOTION: That the Board of Supervisors:

1. Ratify and approve Amendment No. 1 (Amendment) to the Professional Weatherization Service Agreement between Riverside County and Reliable Energy Management, Inc. to reduce the amount of compensation annually by \$166,667 for a total annual amount of \$833,333, not to exceed a total contract aggregate amount of \$2,666,666;
2. Authorize the Chairman of the Board to sign the Amendment on behalf of the County; and
3. Authorize the Director of Public Health, or designee, to implement the Amendment.

ACTION:Policy



Kim Saruwatari, Director of Public Health 2/24/2020

MINUTES OF THE BOARD OF SUPERVISORS

On motion of Supervisor Perez, seconded by Supervisor Hewitt and duly carried by unanimous vote, IT WAS ORDERED that the above matter is approved as recommended.

Ayes: Jeffries, Spiegel, Washington, Perez and Hewitt
Nays: None
Absent: None
Date: March 10, 2020
xc: RUHS-Public Health

Kecia R. Harper
Clerk of the Board

By: 
Deputy

**SUBMITTAL TO THE BOARD OF SUPERVISORS COUNTY OF RIVERSIDE,
STATE OF CALIFORNIA**

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost
COST	\$ (166,667)	\$ (166,667)	\$ (333,334)	\$ 0
NET COUNTY COST	\$ 0	\$ 0	\$ 0	\$ 0
SOURCE OF FUNDS: 100% Federal Funds			Budget Adjustment: No	
			For Fiscal Year: 19/20-20/21	

C.E.O. RECOMMENDATION: Approve

BACKGROUND:

Summary

The Riverside University Health System – Public Health/Community Action Partnership (CAP Riverside) administers energy and weatherization programs that assist low-income families residing in Riverside County. The various funding sources allocate monies to these energy/weatherization programs in increments throughout the year.

On September 25, 2018, Agenda Item 3.15, the Board of Supervisors approved three (3) weatherization services master agreements with Builders Service Group, Inc. dba TruTeam of California, Reliable Energy Management, Inc., and WSCL, Inc. for the period of three years with an aggregate amount not to exceed \$7,500,000.

The amount of \$7,500,000 was distributed to the three awarded subcontractors based on the subcontractor's estimated capacity to complete the work assignments per year. After a year of services, WSCL, Inc. has the capacity to take more work assignments per year. Therefore, funds from the Agreement with Reliable Energy Management will be moved to WSCL's Agreement bringing the three weatherization services agreements to equal annual amounts.

Staff recommends that the Board ratify and approve the Amendment, which will decrease the annual amount by \$166,667 from \$1,000,000 to \$833,333. County Counsel has reviewed the Amendment and has approved it as to form.

Impact on Citizens and Businesses

The Energy and Weatherization Program services low income populations by providing installation of energy conservation measures designed to reduce energy costs and to ensure any health and safety issues are addressed for those living in the home. Also, it provided employment opportunities through the use of local subcontractors and contributes to the health of the environment by reducing carbon emissions through the repair/replacement of inefficient or malfunctioning appliances, warm-air heating, ventilation and air condition systems, windows and other feasible weatherization measures.

**SUBMITTAL TO THE BOARD OF SUPERVISORS COUNTY OF RIVERSIDE,
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SUPPLEMENTAL:

Additional Fiscal Information

No County General Funds will be required. Funds will be reduced as follows:

Fiscal Year	Original Amount (Agreement)	Reduced Amount (Amendment No. 1)	TOTAL
2018/19	\$1,000,000	\$0	\$1,000,000
2019/20	\$1,000,000	\$(166,667)	\$833,333
2020/21	\$1,000,000	\$(166,667)	\$833,333
TOTAL	\$3,000,000	\$(333,334)	\$2,666,666

Contract History and Price Reasonableness

County Purchasing released a Request for Qualification (RFQu) CAARC-049 on Public Purchase. Twenty-six (26) vendors were invited to participate in the bid, thirteen (13) vendors downloaded the RFQu and six (6) vendors submitted their response to the RFQu. The responses were reviewed by the evaluation team consisting of CAP Riverside, and each response was evaluated based on the criteria set forth in the RFQu, overall response to the RFQu requirements, bidders experience and ability to provide weatherization services, references, financial and overall compliance with the provisions of the RFQu. It was determined that Builder Services Group, Inc. dba TruTeam of California, Reliable Energy Management, Inc., and WSCL, Inc. were the most responsive and responsible bidders that could meet all of the requirements.

ATTACHMENTS:

Attachment A: **Amendment No. 1 to the Weatherization Master Service Agreement
ID# 19-002 with Reliable Energy Management, Inc.**


Brianna Lantajo, Management Analyst

3/2/2020


Gregory T. Priamos, Director County Counsel

2/27/2020

COUNTY OF RIVERSIDE
AMENDMENT NO. 1 TO THE AGREEMENT
WITH
RELIABLE ENERGY MANAGEMENT, INC.

Original Contract Term:	October 1, 2018 through June 30, 2019
Contract Term Extended To:	June 30, 2020
Effective Date of Amendment:	July 1, 2019 through June 30, 2020
Original Annual Maximum Contract Amount:	\$1,000,000
Amended Annual Maximum Contract Amount:	\$833,333
Contract ID:	19-002

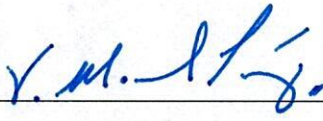
The Weatherization Master Service Agreement (Agreement) entered into on October 1, 2018, by and between the County of Riverside, a political subdivision of the State of California, through its Department of Public Health/Community Action Partnership (“COUNTY” or “CAP”), and Reliable Energy Management, Inc. (SUBCONTRACTOR), is now amended as follows:

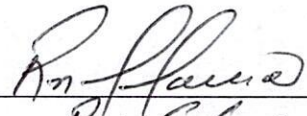
1. **Article 4, Period of Performance**. To exercise the option to renew year two (2) of three (3) years; extending the Agreement to June 30, 2020.
2. **Article 5, Compensation, Section 5.1**. To delete the second sentence in its entirety and replace with the following: “Maximum payments by COUNTY to SUBCONTRACTOR shall not exceed eight hundred thirty-three thousand, three hundred and thirty-three dollars (\$833,333) annually including all expenses.”
3. **Exhibit B, Payment Provisions**, is deleted in its entirety and replaced with the new Exhibit B, PAYMENT PROVISIONS, with corrected measures and pricing, consisting of six (6) pages, attached hereto and incorporated herein.
4. **Exhibit I, LIHEAP 2019 Subcontractor Reimbursement for weatherization Activities**, consisting of six (6) pages, is incorporated to this Agreement.
5. **Exhibit J, DOE 2017 – Subcontractor Reimbursement for Weatherization Activities**, consisting of six (6) pages, is incorporated to this Agreement.
6. All other terms and conditions of the Agreement not modified herein shall remain unchanged.

COUNTY OF RIVERSIDE
AMENDMENT NO. 1 TO THE AGREEMENT
WITH
RELIABLE ENERGY MANAGEMENT, INC.

IN WITNESS WHEREOF, the Parties hereto have caused their duly authorized representatives to execute this Amendment.

COUNTY OF RIVERSIDE, a political subdivision of the State of California RELIABLE ENERGY MANAGEMENT, INC.

By: 
~~Kevin Jeffries~~ V. Manuel Perez
Chairman of the Board of Supervisors

By: 
Name: Ron Garcia
Title: President

Dated: MAR 10 2020


Dated: 12-30-2019

ATTEST: Kecia Harper, Clerk

By: , deputy

APPROVED AS TO FORM:

Gregory P. Priamos
County Counsel

By: 
Amrit Dillon,
Deputy County Counsel

**EXHIBIT B
PAYMENT PROVISIONS**

EXHIBIT B					
Full Service Weatherization Subcontractors Pricing					
Item Code	Item Name	Item Description	Qty	Unit	CAP Pricing
Mandatory - Assessment/Diagnostics					
91016	Combustion Appliance Safety Test	Combustion Appliance Safety Test (PRE/POST)	1	EA	\$ 61.00
91016	Blower Door Test	Blower Door Test (PRE/POST)	1	EA	\$ 67.00
91016	Duct Leakage Test	Duct Leakage Test (PRE/POST)	1	EA	\$ 67.00
91016	Environmental Testing	Environmental Testing	1	EA	Actual Price
91016	HERS Rater	HERS Rater	1	EA	Actual Price
91016	Permits	Permits	1	EA	Actual price
Mandatory - Health and Safety					
91016	Carbon Monoxide Alarm	Carbon Monoxide Alarm - Lithium Battery	1	EA	\$ 68.00
91016	Smoke Alarm	Smoke Alarm - Lithium Battery or Hard- Wired	1	EA	\$ 68.00
91016	Cooking Appliance Repair, Free Standing Range or Cook Top	Electric, Natural Gas, or Propane - All sizes	1	EA	Quote required
91016	Cooking Appliance Replacement, Free Standing Range Oven	Electric, Natural Gas, or Propane - All sizes	1	EA	\$ 907.00
91016	Cooking Appliance Replacement, Cook Top Only	All types and sizes	1	EA	Quote required
91016	Cooling Repair	AC Wall/Window	1	EA	Quote required
91016	Cooling Repair	Evaporative Cooler (Roof/Down Draft)	1	EA	Quote required
91016	Cooling Repair	Evaporative Cooler (Window/Wall Side Draft)	1	EA	Quote required
91016	Cooling Repair	Forced Air Unit (Split System)	1	EA	Quote required
91016	Cooling Repair	Multi-Unit Central System (more than 1 dwelling per unit)	1	EA	Quote required
91016	Cooling Replacement	Forced Air Unit (Split System)	1	EA	\$ 3,907.00
91016	Cooling Replacement	A/C Wall/Window	1	EA	\$ 1,663.00
91016	Cooling Replacement	Evaporative Cooler (Roof/Down Draft)	1	EA	\$ 1,810.00

**EXHIBIT B
PAYMENT PROVISIONS**

91016	Cooling Replacement	Evaporative Cooler (Window/Wall Side Draft)	1	EA	\$ 1,767.00
91016	Cooling Replacement	Multi-Unit Central System (more than 1 dwelling per unit)	1	EA	Quote Required
91016	CVA Venting	All Other	1	EA	Quote required
91016	CVA Venting	Louver Doors Only	1	EA	Quote required
91016	Heating Source Repair	Exterior Wall Direct Vent, Interior Wall and Floor Furnace	1	EA	Quote required
91016	Heating Source Repair	Forced Air Unit	1	EA	Quote required
91016	Heating Source Repair	Multi-Unit Central System (more than 1 dwelling per unit)	1	EA	Quote required
91016	Heating Source Repair	Other Types Not Listed	1	EA	Quote required
91016	Heating Source Repair	Package Unit	1	EA	Quote required
91016	Heating Source Repair	Wood-Fueled	1	EA	Quote required
91016	Heating Source Replacement	Forced Air Unit (Split System)	1	EA	\$ 4,566.00
91016	Heating Source Replacement	Exterior Wall Direct Vent, Interior Wall and Floor Furnace	1	EA	\$ 3,612.00
91016	Heating Source Replacement	Other Types Not Listed	1	EA	\$ 4,149.00
91016	Heating Source Replacement	Package (Dual Pack)	1	EA	\$ 6,332.00
91016	Heating Source Replacement	Wood-Fueled	1	EA	\$ 4,159.00
91016	Lead Safe Weatherization	Lead Safe Weatherization	1	EA	Quote required
91016	Water Heater Repair	Electric, Gas, & Propane - All sizes	1	EA	Quote required
91016	Water Heater Repair	Multi Unit Central System (more than 1 dwelling per unit)	1	EA	Quote Required
91016	Water Heater Replacement	Electric, Gas, & Propane - All sizes	1	EA	\$ 2,151.00
91016	Water Heater Replacement	Multi Unit Central System (more than 1 dwelling per unit)	1	EA	Quote Required
Mandatory WX					
91016	Attic Ventilation	Eave Vent	1	EA	\$ 23.00
91016	Attic Ventilation	Turbine Vent	1	EA	\$ 98.00
91016	Attic Ventilation	Vent Screen	1	EA	\$ 12.00
91016	Attic Ventilation	Gable Vent	1	EA	\$ 258.00
91016	Attic Ventilation	Dormer Vent	1	EA	\$ 82.00

**EXHIBIT B
PAYMENT PROVISIONS**

91016	Caulking	Multi-Unit, Mobile, Single Family	1	LF	\$ 1.60
91016	Ceiling Insulation	R-value 0-11	1	SF	\$ 0.85
91016	Ceiling Insulation	R-value 12-19	1	SF	\$ 1.05
91016	Ceiling Insulation	R-value 20-30	1	SF	\$ 1.16
91016	Ceiling Insulation	R-value 31-38 and above	1	SF	\$ 1.40
91016	Compact Fluorescent Lamp	Hard Wire	1	EA	\$ 68.00
91016	Compact Fluorescent Lamp	Thread Based - BULB	1	EA	\$ 6.60
91016	Cover Plate Gasket(s)	All types - all occurrences per dwelling	1	ALL	\$ 30.00
91016	Door Repair	Exterior - All Other Types	1	EA	Quote required - detailed items w/flat pricing
91016	Door Repair	Sliding Glass - 72" x 80" and smaller	1	EA	Quote required - detailed items w/flat pricing
91016	Door Repair	Sliding Glass - Greater than 72" x 80"	1	EA	Quote required - detailed items w/flat pricing
91016	Door Repair Detail	Door Threshold	1	EA	\$ 34.00
91016	Door Repair Detail	Door Shoe	1	EA	\$ 22.00
91016	Door Repair Detail	Entry Door Handle/Lockset/dead bolt	1	EA	\$ 50.00
91016	Door Repair Detail	5" Back set latch bolt	1	EA	\$ 43.00
91016	Door Repair Detail	interior Door Handle	1	EA	\$ 8.00
91016	Door Repair Detail	Hinges 3-1/2" or 4" loose pin	1	EA	\$ 11.00
91016	Door Repair Detail	Hinges 3-1/2" or 4" locking pin	1	EA	\$ 12.90
91016	Door Repair Detail	Double door Slide bolt	1	EA	\$ 38.00
91016	Door Repair Detail	Door or Window Casing	1	LF	\$ 3.50
91016	Door Repair Detail	Door jamb stock	1	LF	\$ 5.60
91016	Door Repair Detail	Door jamb stock rabbeted jamb	1	LF	\$ 5.90
91016	Door Repair Detail	Door Stop	1	LF	\$ 3.70
91016	Door Repair Detail	Striker Plate, regular	1	EA	\$ 19.00
91016	Door Repair Detail	Striker Plate, safety or mag type	1	EA	\$ 26.00
91016	Door Repair Detail	Lockset Brace	1	EA	\$ 39.00
91016	Door Replacement - Catastrophic leaks only	Exterior - All Other Types	1	EA	\$ 500.00
91016	Door Replacement - Catastrophic leaks only	Sliding Glass - 72" x 80" and smaller	1	EA	\$ 1,425.00

**EXHIBIT B
PAYMENT PROVISIONS**

91016	Door Replacement - Catastrophic leaks only	Sliding Glass - Greater than 72" x 80"	1	EA	\$ 1,782.00
91016	Duct Insulation	Duct Insulation	1	SF	\$ 0.95
91016	Duct Repair and Replacement	Duct Repair and Replacement	1	EA	Quote required
91016	Filter Replacement	Air Conditioning	1	EA	\$ 60.00
91016	Filter Replacement	Furnace	1	EA	\$ 60.00
91016	Fluorescent Torchiere Lamp Replacement	Fluorescent Torchiere Lamp Replacement	1	EA	\$ 75.00
91016	Glass Replacement - Catastrophic leaks only	Glass Replacement - Catastrophic leaks only	1	EA	Quote required
91016	Hot Water Flow Restrictor	Faucet Restrictor	1	EA	\$ 8.00
91016	Hot Water Flow Restrictor	Low Flow Handheld Showerhead	1	EA	\$ 34.50
91016	Hot Water Flow Restrictor	Low Flow Showerhead	1	EA	\$ 27.00
91016	Hot Water Flow Restrictor	Thermostatic Shower Valve (TSV only)	1	EA	\$ 50.00
91016	Hot Water Flow Restrictor	Thermostatic Low Flow Showerhead (TSV + LFSH combo, or handheld combo)	1	EA	\$ 61.00
91016	Kitchen Exhaust Installation, Repair & Replacement	Repair	1	EA	Quote required
91016	Kitchen Exhaust Installation, Repair & Replacement	Range Hood	1	EA	\$ 333.00
91016	Kitchen Exhaust Installation, Repair & Replacement	Vent - 24" x 3'	1	EA	\$ 38.00
91016	Kitchen Exhaust Installation, Repair & Replacement	Vent - 25" x 5'	1	EA	\$ 38.00
91016	Kneewall Insulation	R-value 0-11	1	SF	\$ 1.05
91016	Kneewall Insulation	R-value 12-19	1	SF	\$ 1.16
91016	LED Night Light	LED Night Light	1	EA	\$ 6.00
91016	LED Replacement Bulb	LED Replacement Bulb	1	EA	\$ 24.00
91016	Limited Home Repair	Weatherization Installation Standards for qualifying descriptions	1	EA	Quote required - not to exceed \$600.00
91016	Low Flow Toilet	Replacement (only when required by local building department permit process)	1	EA	\$ 325.00

**EXHIBIT B
PAYMENT PROVISIONS**

91016	Mechanical Ventilation (if required by blower door diagnostics and MV calculations) + (includes grounding if required - max cost of MV and grounding can not exceed max allowed by the State)	Balanced System, Exhaust System, or Supply System	1	EA	Quote required
91016	Microwave Oven	Microwave Oven	1	EA	\$ 246.00
91016	Minor Envelope Repair	Refer to Weatherization Installation Standards for qualifying descriptions	1	EA	Quote required - not to exceed \$400.00
91016	Refrigerator Replacement (includes grounding if required - max cost of refrigerator and grounding can not exceed max allowed by the State)	19 CU/FT and below	1	EA	\$ 1,032.00
91016	Refrigerator Replacement (includes grounding if required - max cost of refrigerator and grounding can not exceed max allowed by the State)	19.1 CU/FT and above	1	EA	\$ 1,187.00
91016	Thermostat	Manual	1	EA	\$ 65.00
91016	Thermostat	Programmable	1	EA	\$ 155.00
91016	Thermostat	Smart (all brands/types)	1	EA	\$ 267.00
91016	Vacancy Sensor Switch	Vacancy Sensor Switch	1	EA	\$ 53.00
91016	Vent Cover, Interior	Evaporative Cooler/Air Conditioner	1	EA	\$ 63.00
91016	Water Heater Insulation	Water Heater Insulation - BLANKET	1	EA	\$ 53.00
91016	Water Heater Pipe Insulation	Water Heater Pipe Insulation	1	LF	\$ 3.70
91016	Weatherstripping	Hinged Door	1	EA	\$ 42.00
91016	Weatherstripping	Other	1	LF	\$ 2.10
91016	Window - Catastrophic leaks only	Repair	1	EA	Quote required
91016	Window - Catastrophic leaks only	Replacement	1	EA	Quote required
Optional					
91016	Ceiling Fan	All sizes	1	EA	\$ 244.00
91016	Exterior Water Pipe Wrap	Exterior Water Pipe Wrap	1	LF	\$ 3.90
91016	Floor Foundation Venting	Floor Foundation Venting	1	EA	\$ 360.00
91016	Floor Insulation	> 36" clearance	1	SF	\$ 1.80
91016	Floor Insulation	< 36" clearance	1	SF	\$ 2.20
91016	Power Strips	Teir 2 Advanced	1	EA	\$ 100.00

**EXHIBIT B
PAYMENT PROVISIONS**

91016	Shadescreens	Shadescreens	1	SF	\$	6.70
91016	Shutters	Shutters	1	SF	\$	6.00
91016	Storm Windows	Fixed, Glass Glazing	1	SF	\$	10.00
91016	Storm Windows	Fixed, Polycarbonate	1	SF	\$	18.40
91016	Storm Windows	Operable, Glass Glazing	1	SF	\$	13.90
91016	Storm Windows	Operable, Polycarbonate	1	SF	\$	21.00
91016	Timer, Electric Water Heater	Timer, Electric Water Heater	1	EA	\$	105.00
91016	Tinted Window Film	Tinted Window Film	1	SF	\$	2.70
91016	Wall Insulation, Stucco and Wood	Wall Insulation, Stucco and Wood	1	SF	\$	2.00
Hourly Labor Rate						
91016	Labor Rate	Labor Rate	1	HR	\$	78.00
*PRICING DETAIL MUST BE INCLUDED BY QTY AND OCCURANCES IN						
**QUOTE FOR MATERIALS + LABOR MUST BE INCLUDED IN						
DESCRIPTION ON WORK ORDER - THIS WILL SERVE AS QUOTE FOR						
WORK TO BE COMPLETED. MEASURE MAY NOT EXCEED CSD						
MAXIMUMS.						

LIHEAP 2019 - SUBCONTRACTOR REIMBURSEMENT FOR WEATHERIZATION ACTIVITIES

Line No.	Measure	Type	Classification	Allowable Measures by Funding Source	Quantity Limits per Job	Reweathenzation and Useful Life (replacement cycle in full years)
SECTION: Mandatory - Diagnostics						
1	Combustion Appliance Safety Test	Pre Post	ADS	LIHEAP, ECIP EHCS	No Maximum at this time	Every 60-days, Required if infiltration reduction
2	Blower Door Test	Pre Post	ADS	LIHEAP	No Maximum at this time	
3	Duct Leakage Test	Pre Post	ADS	LIHEAP, ECIP EHCS	No Maximum at this time	
4	Environmental Testing		ADS	LIHEAP, ECIP EHCS	No Maximum at this time	If incurred
5	HERS Rater		ADS	LIHEAP, ECIP EHCS	No Maximum at this time	If incurred
6	Permits		ADS	LIHEAP, ECIP EHCS	No Maximum at this time	If incurred
SECTION: Mandatory - Health and Safety						
1	Carbon Monoxide Alarm	Lithium Battery	HSM	LIHEAP, ECIP EHCS	1 occurrence per dwelling, no maximum quantity	4
2	Smoke Alarm	Lithium Battery or Hard-Wired	HSM	LIHEAP, ECIP EHCS	1 occurrence per dwelling, no maximum quantity	4
3	Cooking Appliance Repair, Free Standing Range or Cook Top	Electric	HSM	LIHEAP	1 repair or replacement per dwelling; primary only	4
		Natural Gas and propane				
		Other Types Not Listed				
4	Cooking Appliance Replacement, Free Standing Range or Cook Top	Electric	HSM	LIHEAP	1 repair or replacement per dwelling; primary only	10
		Natural Gas and propane				
		Other Types Not Listed				
5	Cooling Repair	AC Wall/Window	HSM	LIHEAP, ECIP EHCS	1 repair or replacement per dwelling; primary only	4
		Evaporative Cooler - Roof/Down Draft				
		Evaporative Cooler - Window/Wall				
		FAU (Split System)				
		Multi-Unit Central System				
		AC Wall/Window				10

6	Cooling Replacement	Evaporative Cooler - Roof/Down Draft	HSM	LIHEAP, ECIP EHCS	1 repair or replacement per dwelling; primary only	15
		Evaporative Cooler - Window/Wall				20
		FAU (Split System)				
		Multi-Unit Central System				
7	CVA Venting	All Other	HSM	LIHEAP, ECIP EHCS	1 repair or replacement per dwelling	NA
		Louver Doors Only				
8	Heating Source Repair	Exterior Wall Direct Vent, Interior Wall and Floor Furnace	HSM	LIHEAP, ECIP EHCS	1 repair or replacement per dwelling; primary only	4
		FAU (Split System)				
		Multi-Unit Central System				
		Other Types Not Listed				
		Package (Dual Pack)				
Wood-Fueled						
9	Heating Source Replacement	Exterior Wall Direct Vent, Interior Wall and Floor Furnace	HSM	LIHEAP, ECIP EHCS	1 repair or replacement per dwelling; primary only	20
		FAU (Split System)				
		Multi-Unit Central System				
		Other Types Not Listed				
		Package (Dual Pack)				
Wood-Fueled						
10	Lead-Safe Weatherization		HSM	LIHEAP, ECIP EHCS	As required by EPA	NA
11	Water Heater Repair	Electric	HSM	LIHEAP, ECIP EHCS	1 repair or replacement per dwelling; primary only	4
		Natural Gas and Propane				
		Mobile Home				
		Multi-Unit Central System				
		Electric				

12	Water Heater Replacement	Natural Gas and Propane	HSM	LIHEAP, ECIP EHCS	1 repair or replacement per dwelling; primary only	10
		Mobile Home			1 repair or replacement per MUD unit; primary only	
		Multi-Unit Central System				
SECTION: Mandatory						
1	Attic Ventilation		INS	LIHEAP	1 occurrence per dwelling, no maximum quantity	20
2	Caulking	Mobile Home	INF	LIHEAP	1 caulking per dwelling	4
		Multi-Unit				
		Single Family				
3	Ceiling Insulation	R-Value 0-11	INS	LIHEAP	1 occurrence per dwelling, no maximum quantity	20
		R-Value 12-19				
		R-Value 20-30				
		R-Value 31-38				
4	Compact Fluorescent Lamps	Hard-Wire	EBL	LIHEAP	2 lamps per dwelling	4
		Thread Based Bulb			10 bulbs per dwelling	
5	Cover Plate Gasket		INF	LIHEAP	1 occurrence per dwelling, no maximum quantity	20
6	Door, Exterior (all other types)	Repair	INF	LIHEAP	1 occurrence per dwelling, no maximum quantity	15
		Replacement - catastrophic leaks only				
7	Door, Sliding Glass	Repair - 72" x 80" and smaller	INF	LIHEAP	1 occurrence per dwelling, no maximum quantity	15
		Repair - Greater than 72" x 80"			.1 replacement per dwelling	
		Replacement - 72" x 80" and smaller, catastrophic leaks only				
		Replacement - Greater than 72" x 80", catastrophic leaks only				
8	Duct Insulation		INS	LIHEAP	1 occurrence per dwelling, no maximum quantity	10
9	Duct Repair and Replacement		INF	LIHEAP, ECIP EHCS	1 repair or replacement per dwelling	10
10	Filter Replacement	Air Conditioning	GHW	LIHEAP	1 occurrence per dwelling, no maximum quantity	4
		Furnace				
11	Fluorescent Torchiere Lamp Replacement		EBL	LIHEAP	2 lamps per dwelling	4

12	Glass Replacement - catastrophic leaks only		INF	LIHEAP	1 occurrence per dwelling, no maximum quantity	10
13	Hot Water Flow Restrictor	Faucet Restrictor	GHW	LIHEAP	1 occurrence per dwelling, no maximum quantity	4
		Low Flow Handheld Showerhead				
		Low Flow Showerhead				
		Thermostatic Shower Valve (TSV only)				
		Thermostatic Low Flow Showerhead (TSV + LFSH Combo)				10
14	Kitchen Exhaust Installation, Repair and Replacement	Range Hoods, Wall/Ceiling Mounts	OTH	LIHEAP	1 repair or replacement per dwelling	10
15	Kneewall Insulation	R-Value 0-11	INS	LIHEAP	1 occurrence per dwelling, no maximum quantity	20
		R-Value 12-19				
16	LED Night Lights		EBL	LIHEAP	1 occurrence per dwelling, no maximum quantity	16
17	LED Replacement Bulbs		EBL	LIHEAP	1 occurrence per dwelling, no maximum quantity	16
18	Limited Home Repair		OTH	LIHEAP, ECIP EHCS	1 occurrence per dwelling; not to exceed \$600.00	Dependent upon measure it supports
19	Low Flow Toilet	Replacement - only when required by local building department permit process	GHW	LIHEAP, ECIP EHCS	1 occurrence per dwelling, no maximum quantity	20
20	Mechanical Ventilation - if required by Blower Door diagnostics and MV calculations	Balanced System	OTH	LIHEAP	1 occurrence per dwelling	10
		Exhaust System				
		Supply System				
21	Microwave Oven		EBL	LIHEAP	1 oven per dwelling	10
22	Minor Envelope Repair		INF	LIHEAP	1 occurrence per dwelling; not to exceed \$400.00	4
23	Refrigerator Replacement	19 cu.ft. and below	EBL	LIHEAP	1 replacement per dwelling	15
		Over 19 cu.ft.				
24	Thermostat	Manual	HCM	LIHEAP, ECIP EHCS	1 thermostat per dwelling	10
		Programmable - Standard			2 thermostats per dwelling	
		Smart - All brands				
25	Vacancy Sensor Switch		EBL	LIHEAP		8
26	Vent Cover, Interior	Evaporative Cooler, Air Conditioner	INF	LIHEAP	2 covers per dwelling	4

27	Water Heater Insulation		GHW	LIHEAP	1 blanket per dwelling	4
28	Water Heater Pipe Insulation		GHW	LIHEAP	1 occurrence per dwelling, no maximum quantity	10
29	Weather-stripping	Hinged Door	INF	LIHEAP	1 occurrence per dwelling, no maximum quantity	4
		Other				
30	Window	Repair - catastrophic leaks only	INF	LIHEAP	1 occurrence per dwelling, no maximum quantity	20
		Replacement - catastrophic leaks only				
SECTION: Optional						
1	Ceiling Fan		OTH	LIHEAP	1 occurrence per dwelling; no maximum quantity	10
2	Exterior Water Pipe Wrap		OTH	LIHEAP	1 occurrence per dwelling; no maximum quantity	10
3	Floor Foundation Venting		INS	LIHEAP	1 occurrence per dwelling; no maximum quantity	20
4	Floor Insulation	> 36" clearance	INS	LIHEAP	1 occurrence per dwelling; no maximum quantity	20
		< 36" clearance				
5	Mechanical Ventilation	Balanced System	OTH	LIHEAP	1 occurrence per dwelling	10
		Exhaust System				
		Supply System				
6	Power Strips	Tier 2 Advanced	EBL	LIHEAP	1 occurrence per dwelling; no maximum quantity	8
7	Shadescreens		GHW	LIHEAP	1 occurrence per dwelling; no maximum quantity	10
8	Shutters		GHW	LIHEAP	1 occurrence per dwelling; no maximum quantity	10
9	Storm Windows	Fixed, Glass Glazing	GHW	LIHEAP	1 occurrence per dwelling; no maximum quantity	10
		Fixed, Polycarbonate				
		Operable, Glass Glazing				
		Operable, Polycarbonate				
10	Timer, Electric Water Heater		EBL	LIHEAP	1 timer per dwelling	4
11	Tinted Window Film		OTH	LIHEAP	1 occurrence per dwelling; no maximum quantity	4
12	Wall Insulation, Stucco and Wood	R-Value 13	INS	LIHEAP	1 occurrence per dwelling; no maximum quantity	20

Classification Key	
ADS	Assessment/Diagnostics

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EBL	Electric Baseload Measure
EEU	Energy Efficiency Upgrade
GHW	General Heat Waste
HCM	Heating/Cooling Measure
HSM	Health and Safety Measure
INF	Infiltration Reduction Measure
INS	Insulation Measure
OTH	Other Program Cost
SWE	SWEATS

DOE 2017 - SUBCONTRACTOR REIMBURSEMENT FOR WEATHERIZATION ACTIVITIES

Line No.	Measure	Type	Classification	Applicable CEC Climate Zones	Quantity Limits per Job	Reweathering and Useful Life (replacement cycle in full years)
SECTION: Mandatory - Diagnostics						
1	Combustion Appliance Safety Test	Pre	ADS	All Zones	No Maximum at this time	60 days
		Post				
2	Blower Door Test	Pre	ADS	All Zones	No Maximum at this time	Until add'l work performed
		Post				
3	Duct Leakage Test	Pre	ADS	All Zones	No Maximum at this time	Until add'l work performed
		Post				
4	HERS Rater		ADS	All Zones	No Maximum at this time	If incurred
5	Permits		ADS	All Zones	No Maximum at this time	If incurred
SECTION: Mandatory - Health and Safety (heating/cooling requires an energy audit)						
1	Carbon Monoxide Alarm	Lithium Battery	HSM	All Zones for H&S reasons only	1 occurrence per dwelling; no maximum quantity	
2	Smoke Alarm	Lithium Battery	HSM	All Zones for H&S reasons only	1 occurrence per dwelling; minimum quantity as required by code	
3	Cooling Source Repair	AC Wall/Window	HSM	All Zones for H&S reasons only	1 repair or replacement per dwelling; primary only	
		Evaporative Cooler FAU Split System Multi-Unit Central System (serving more than one MUD)				
4	Cooling Source Replacement	AC Wall/Window	HSM	All Zones for H&S reasons only; energy efficient upgrades require energy audit	1 repair or replacement per dwelling; primary only	
		Evaporative Cooler Roof				
		Evaporative Cooler Window/Wall				
		FAU Split System Multi-Unit Central System (serving more than one MUD)				
		Exterior Wall Direct Vent, Interior Wall and Floor Furnace FAU Split System			1 repair or replacement per dwelling; primary only	

5	Heating Source Repair	Multi-Unit Central System (serving more than one MUD)	HSM	All Zones for H&S reasons only	1 repair or replacement per MUD building; primary only	DOE ReWx Rule
		Other Types Not Listed			1 repair or replacement per dwelling; primary only	
		Package - Dual Pack Wood-Fueled				
6	Heating Source Replacement	Exterior Wall Direct Vent, Interior Wall and Floor Furnace	HSM	All Zones for H&S reasons only	1 repair or replacement per dwelling; primary only	
		FAU Split System				
		Multi-Unit Central System (serving more than one MUD)			1 repair or replacement per MUD building; primary only	
		Other Types Not Listed			1 repair or replacement per dwelling; primary only	
		Package - Dual Pack Wood-Fueled				
7	Lead-Safe Weatherization		HSM	All Zones for H&S reasons only	As required by EPA	
8	Mechanical Ventilation	Supply System	OTH		1 occurrence per dwelling; no maximum quantity	
		Exhaust System				
		Balanced System				
9	Water Heater Repair	Electric	HSM	All Zones for H&S reasons only	1 repair or replacement per dwelling; primary only	
		Natural Gas and Propane				
		Mobile Home				
		Multi-Unit Central System			1 repair or replacement per MUD building; primary only	
10	Water Heater Replacement	Electric	HSM	All Zones for H&S reasons only	1 repair or replacement per dwelling; primary only	
		Natural Gas and Propane				
		Mobile Home				
		Multi-Unit Central System			1 repair or replacement per MUD building; primary only	
11	CVA Venting		HSM	All Zones for H&S reasons only	1 repair or replacement per dwelling	
SECTION: Mandatory Infiltration Reduction Measures (requires energy audit if cost exceeds max allowable; to be installed in conjunction with Shell/Duct diagnostics)						

1		Mobile Home	INF	All Zones	1 occurrence per dwelling	DOE ReWx Rule
		Multi-Unit				
		Single Family				
2	Cover Plate Gasket		INF	All Zones	1 occurrence per dwelling; no maximum quantity	
3	Door Repair	Exterior (all other types)	INF	All Zones	1 occurrence per dwelling; no maximum quantity	
		Sliding Glass - 72" x 80" and smaller			1 repair per dwelling	
		Sliding Glass - Greater than 72" x 80"				
4	Door Replacement	Exterior (all other types) - Catastrophic leaks only	INF	All Zones	1 occurrence per dwelling; no maximum quantity	
		Sliding Glass - 72" x 80" and smaller - Catastrophic leaks only		All Zones; energy efficient upgrades for windows (including sliders) requires energy audit	1 replacement per dwelling	
		Sliding Glass - Greater than 72" x 80" - Catastrophic leaks only				
5	Duct Repair and Replacement		INF	All Zones; requires Duct Blaster	1 repair or replacement per dwelling	
6	Glass Replacement	Catastrophic leaks only	INF	All Zones	1 occurrence per dwelling; no maximum quantity	
7	Minor Envelope Repair		INF	All Zones	1 occurrence per dwelling; not to exceed \$400.00	
8	Vent Cover, Interior	Evaporative Cooler/ Air Conditioner	INF	All Zones	2 covers per dwelling	
9	Weather-stripping	Hinged Door	INF	All Zones	1 occurrence per dwelling; no maximum quantity	
		Other				
10	Window	Repair - Catastrophic leaks only	INF	All Zones	1 occurrence per dwelling; no maximum quantity	
		Replacement - Catastrophic leaks only		All Zones; energy efficient upgrades for windows requires energy audit		
SECTION: Mandatory - Other Measures						
1	Kitchen Exhaust Installation; Repair and Replacement	Range Hoods, Wall/Ceiling Mounts	OTH	All Zones	1 repair or replacement per dwelling	

2	Limited Home Repair		OTH	All Zones	1 occurrence per dwelling; not to exceed \$600.00	DOE ReWx Rule
3	Thermostat	Manual	HCM	All Zones	1 thermostat per dwelling	
SECTION: Mandatory - DOE Priority List (climate zone specific)						
1	Ceiling Fans		OTH	All Zones	1 occurrence per dwelling; no maximum quantity	DOE ReWx Rule
2	Compact Fluorescent Lamp	Hard Wire	EBL	All Zones	2 lamps per dwelling	
		Thread Based Bulb			10 bulbs per dwelling	
3	Duct Insulation		GHW	All Zones	1 occurrence per dwelling; no maximum quantity	
4	Filter Replacement	Air Conditioning	GHW	All Zones	1 occurrence per dwelling	
		Furnace				
5	Hot Water Flow Restrictor	Faucet Restrictor	GHW	All Zones	1 occurrence per dwelling; no maximum quantity	
		Low Flow Handheld Showerhead				
		Low Flow Showerhead				
		Thermostatic Shower Valve (TSV Only)				
		Thermostatic Low Flow Showerhead (TSV + LFSH Combo)				
6	Refrigerator Replacement	19 cu.ft. and below	EBL	All Zones; 10% metering required	1 replacement per dwelling	
		Over 19cu.ft				
7	Water Heater Blanket		GHW	All Zones	1 blanket per dwelling	
8	Water Heater Pipe Wrap		GHW	All Zones	1 occurrence per dwelling; no maximum quantity	
9	LED Night Lights		EBL	All Zones	1 occurrence per dwelling; no maximum quantity	
10	LED Replacement Bulbs		EBL	All Zones	1 occurrence per dwelling; no maximum quantity	
11	Occupancy Sensors		EBL	All Zones	1 occurrence per dwelling; no maximum quantity	
SECTION: Mandatory - DOE Priority List (requires energy audit if cost exceeds max allowable or below SIR; climate zone specific)						
1	Attic Ventilation		INS	Per Priority List; only in conjunction with ceiling insulation	1 occurrence per dwelling; no maximum quantity	
2	Ceiling Insulation	R-Value 0-11	INS	Per Priority List	1 occurrence per dwelling; no maximum quantity	
		R-Value 12-19				
		R-Value 20-30				
		R-Value 31-38				

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3	Floor Foundation Venting		INS	Per Priority List; only in conjunction with floor insulation	1 occurrence per dwelling; no maximum quantity	DOE ReWx Rule	
4	Floor Insulation	Over 36" clearance Under 36" clearance	INS	Per Priority List	1 occurrence per dwelling; no maximum quantity		
5	Kneewall Insulation	R-Value 0-11 R-Value 12-19	INS	Per Priority List	1 occurrence per dwelling; no maximum quantity		
6	Thermostat	Programmable	HCM	Per Priority List	1 thermostat per dwelling		
7	Wall Insulation		INS	Per Priority List	1 occurrence per dwelling; no maximum quantity		
SECTION: Optional (requires energy audit)							
1	Cooling Source Replacement (energy efficiency upgrade)	AC Wall/Window	EEU	All Zones	1 repair or replacement per dwelling; primary only		DOE ReWx Rule
		Evaporative Cooler Roof					
		Evaporative Cooler Window/Wall					
		FAU Split System					
		Multi-Unit Central System			1 repair or replacement per MUD building; primary only		
2	Heating Source Replacement (energy efficiency upgrade)	Exterior Wall Direct Vent, Interior Wall and Floor Furnace	EEU	All Zones	1 repair or replacement per dwelling; primary only		
		FAU Split System					
		Multi-Unit Central System (serving more than one MUD)			1 repair or replacement per MUD building; primary only		
		Other Types Not Listed			1 repair or replacement per dwelling; primary only		
		Package - Dual Pack Wood-Fueled			1 repair or replacement per dwelling; primary only		
3	Shadescreen		GHW	All Zones	1 occurrence per dwelling; no maximum quantity		
4	Shutters		INF	All Zones	1 occurrence per dwelling; no maximum quantity		
5	Storm Window	Fixed, Glass Glazing	INF	All Zones	1 occurrence per dwelling; no maximum quantity		
		Fixed, Polycarbonate					
		Operable, Glass Glazing					

EXHIBIT J

		Operable, Polycarbonate			
6	Tinted Window Film		GHW	All Zones	1 occurrence per dwelling; no maximum quantity
7	Water Heater Timer		GHW	All Zones	1 timer per dwelling
8	Window (energy efficiency upgrade)	Replacement	EEU	All Zones; including sliders	1 occurrence per dwelling; no maximum quantity

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