Community Action and Human Services

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Energy, Facilities and Transportation Division 701 NW 1st Court Suite 1100 Miami FL 33136



MIAMI-DADE COUNTY, FLORIDA REQUEST FOR PRICE QUOTATION (RPQ)

Contract No: MCC 7360 Plan

RPQ No: <u>WAP-074</u>

INVITATION TO BID

A RPQ has been issued for the work identified below. If you are interested in submitting a bid for this project, please submit your bid via Sealed Envelopes, attention to Martha Perez at 701 NW 1st Court Suite 1100 no later than 5/28/2025 at 02:00 PM. If you have any questions, contact Martha Perez at 7864694729.

This RPQ is issued under the terms and conditions of the Miscellaneous Construction Contracts (MCC) Program MCC 7360 Plan.

RPQ DETAILED BREAKDOWN

Bid Due Date:	5/28/2025	Time Due: 02:00 PM	Submitted Via: Sealed Envelopes	
Estimated Value:	\$118,637	(excluding Contingencies ar	nd Dedicated Allowances)	
Project Name:	Weatherization	on Assistance Program - HVA	C and Mechanical	
Project Location:	Six (6) Residential Locations			
License Requirements:	Primary: General Building Contractor			
	Sub:	Air Conditioning Unlimited; F	Plumber, Master; General Mechanical, N	laster; Electrical
Scope of Work:	Primary: General Building Contractor Sub: Air Conditioning Unlimited; Plumber, Master; General Mechanical, Master; Electrical			

B. CHANGE ORDERS

No changes will be permitted to the Contract Agreement unless in an emergency nature, code violations, a requirement by the Building Department or other instances as deemed necessary and executed by the Contractor and County prior to the start of the Change Order work. In the event a change order is required, the Contractor shall provide picture images of the work to be performed prior to the commencement of the change order work.

- Change orders must be authorized by the Program in advance. Authorization can be initiated verbally (e.g. over the phone) but must ultimately be in writing and signed off by Contractor and Program staff. Only approved written change orders will be acknowledged upon invoicing.
- Change orders must be comprised of measures on the unit price list and will be paid at the same rates as the Contractor's unit prices.

C. CODES, ORDINANCES AND PERMITS

All work to be performed in the Contract Agreement, including plans and bid specifications, shall comply with all current building codes, ordinances, and permitting requirements from the County and/or applicable City. This includes the current Florida Building Code (F.B.C.) with the latest revisions. It is the Contractor's responsibility to identify and pull all required permits. The installation of all materials and products shall be done in accordance with the manufacturer's specifications and in accordance with the latest revised addition of the Florida Building Code, ordinances, permitting requirements, and Weatherization guidelines Contractors must inform the Project Manager if he/she is experiencing undue delays in the permitting process.

D. BUILDING DEPARTMENT INSPECTIONS

Building Department Inspections shall be as per Florida Building Code and Miami Dade County Building Code Work that has been concealed without a Compliance Inspection may result in payment delays or denial. The contractor shall be responsible for requesting all mandatory inspections as per the Florida Building Code and Miami Dade County Building Code.

E. WORKMANSHIP & MATERIAL STANDARDS

The Contractor must perform work specified in the Work Specifications section in a high quality good workmanlike manner using specified materials or approved equals. Materials must 1) be high quality, 2) installed in accordance with the manufacturer's specs and 3) meet the requirements of building inspectors. All "equals" must be submitted and approved by the Program Manager. Final decision on workmanship will be determined by the Project Manager and/or Inspector.

F. WORK SCHEDULE

Contractor shall schedule and coordinate work with the Owner between the hours of 7:00 am and 6:00 pm, Monday through Friday. Requests to work before or after these hours and on weekends must be approved by the Owner. The Owner shall provide the water and electricity services necessary to accomplish this work. Work requiring a program inspection by a Project Manager can only be performed during normal business hours, Monday through Friday. The Contractor is responsible for scheduling and coordinating subcontractor work. The Contractor acknowledges that the Project Manager and Inspector shall perform pre and post inspections of all work performed. The Contractor must call and schedule a post inspection (Final Walk-Through) with the Project Manager. A ladder must be provided by the Contractor for the Inspector at the Final Walk-Through. Final and full payment for all work completed pursuant to the work specifications (as amended/modified, if applicable) shall be made upon completion of all inspections required by the program and the work has been deemed satisfactory.

G. GENERAL WARRANTY

Materials installed and work performed shall have a one-year Contractor warranty from the date of final acceptance of the work by the Owner and Project Manager. Roof warranties must be valid for a period of no less than five years from final completion date of all work required under this

H. GENERAL CLEAN-UP

Contractor is to provide clear and safe passageways in and around the structure during the project. Contractor to remove all debris and materials from in and around structure being repaired at the end of each workday. All shall be stored on site in a code approved storage container or dumpster and be legally dumped at a code approved dump or recycling center regularly and at the end of the project. In progress and final clean-up to include-but is not limited to-damp wiping, sweeping, mopping and vacuuming.

I. PRIVATE AGREEMENTS

It is understood that only the work contained in these permitted specifications shall be done. There shall be no private agreements of any kind between the Owner and Contractor other than as referenced in the County's Invitation for bid.

J. PERSONNAL PROTECTIVE EQUIPMENT – COVID-19

Contractors must provide a copy of their completed Virtual Training Course for (PPE) Personal Protective Equipment prior to the issuance of any weatherization-related project.

K. STOVE OR MICROWAVE VENTILATION:

Makeup air required: Exhaust hood systems capable of exhausting in excess of 400 cubic feet per minute (0.19 m3/s) shall be mechanically or naturally provided with makeup air at a rate approximately equal to the exhaust air rate. Such makeup air systems shall be equipped with not less than one damper. Each damper shall be a gravity damper or an electrically operated damper that automatically opens when the exhaust system operates. Dampers shall be located to allow access for inspection, service, repair and replacement without removing permanent construction or any other ducts not connected to the damper being inspected, serviced, repaired or replaced. Exception: In a single-family dwelling, make-up air is not required for range hood exhaust systems capable of exhausting:

- 1. (a) Four hundred cubic feet per minute or less; or
- 2. (b) More than 400 cubic feet per minute but no more than 800 cubic feet per minute if there are no gravity vent appliances within the conditioned living space of the structure.

Location: Kitchen exhaust makeup air shall be discharged into the same room in which the exhaust system is located or into rooms or duct systems that communicate through one or more permanent openings with the room in which such exhaust system is located. Such permanent openings shall have a net cross-sectional area not less than the required area of the makeup air supply openings.

L. INSTALL AERATORS

In accordance with the County's Green Purchasing Guide, faucets and aerators solicited through this solicitation shall bear the U.S. Environmental Protection Agency's (EPA's) WaterSense label.

M. INSTALL SHOWER HEADS

In accordance with the County's Green Purchasing Guide, showerheads solicited through this solicitation shall bear the U.S. Environmental Protection Agency's (EPA's) WaterSense label.

N. PROVIDE ENERGY EFFICIENT LED BULBS

In accordance with the County's Green Purchasing Guide, Any products from a product category

for which the Energy Star certification is available shall be Energy Star certified. When Energy Star labels are not available, products shall be Federal Energy Management Program (FEMP) designated energy-efficient products or the most energy efficient product available.

Light bulbs shall be Energy Star certified LED bulbs.

O. REPLACE WINDOWS

In accordance with the County's Green Purchasing Guide any products from a product category for which the Energy Star certification is available shall be Energy Star certified. Windows shall be Energy Star certified.

P. REPLACE WATER HEATER

In accordance with the County's Green Purchasing Guide, any products from a product category for which the Energy Star certification is available shall be Energy Star certified. When Energy Star labels are not available, products shall be Federal Energy Management Program (FEMP) designated energy-efficient products or the most energy efficient product available.

Water heaters in product categories for which an Energy Star certification is available shall be Energy Star certified. When Energy Star labels are not available, water heaters shall be Federal Energy Management Program (FEMP) designated energy-efficient products or the most energy efficient product available.

Q. REPLACE REFRIGERATOR

Per the Miami-Dade County Green Purchasing Guidelines, freezers and refrigerators must meet USDOE FEMP minimum efficiency standards specified in AHSRAE 90.1 (2022) standard.

Products and equipment without asbestos shall be prioritized whenever possible.

The use of chlorofluorocarbon and halon-containing refrigerants, solvents, and other products shall be phased out and new purchases of refrigeration systems shall not contain them.

R. INSTALL ENERGY RECOVERY VENTILATOR

In accordance with the County's Green Purchasing Guide, any products from a product category for which the Energy Star certification is available shall be Energy Star certified. The Energy Recovery Ventilator shall be Energy Star certified.

S. INSTALL A/C THERMOSTAT

In accordance with the County's Green Purchasing Guide, any products from a product category for which the Energy Star certification is available shall be Energy Star certified. The Thermostat shall be Energy Star certified.

T. REMOVE AND REPLACE EXTERIOR METAL DOOR

In accordance with the County's Green Purchasing Guide, any products from a product category for which the Energy Star certification is available shall be Energy Star certified. The exterior metal door shall be Energy Star certified.

U. BATHROOM EXHAUST FAN

In accordance with the County's Green Purchasing Guide, any products from a product category for which the Energy Star certification is available shall be Energy Star certified. The Energy

Recovery Ventilator shall be Energy Star certified. The bathroom exhaust fan shall be Energy Star certified.

V. AIR CONDITIONER REPLACEMENT

Any products from a product category for which the Energy Star certification is available shall be Energy Star certified. When Energy Star labels are not available, products shall be Federal Energy Management Program (FEMP) designated energy-efficient products or the most energy efficient product available.

Devices for space heating, cooling, ventilation, dehumidification, humidification, water heating, air conditioning, or other HVAC systems must meet US Department of Energy (USDOE) FEMP minimum efficiency standards specified in AHSRAE 90.1 (2022) standard pursuant to Resolution R-1053-09 or the most recent applicable ASHRAE 90.1 standard.

The use of chlorofluorocarbon and halon-containing refrigerants, solvents, and other products shall be phased out and new purchases of heating, ventilation, air conditioning, and refrigeration systems shall not contain them.

Scope of Work # 136450 Pages 1 - 8 Folio # 10-7918-001-0060

Work Site Address: 100 NE 6 Avenue

INSTALL SMOKE DETECTORS:

Furnish and install battery operated smoke detectors in all sleeping rooms and in hallways. A 10-year manufacturer warranty provided lithium battery along with a tamper proof cover is required.

Materials	Locations: All location
_abor	Quantity: 5

INSTALL CO DETECTOR:

Furnish and install one (1) Carbon Monoxide Detector with 10-year manufacturer lithium battery along with tamper proof covering near gas appliances. The installed location must not interfere with or obstruct any cabinet or drawer functions.

Materials	Location: Hallway	
Labor	Quantity: 1	

BATHROOM EXHAUST FAN:

Furnish and install a new 100 CFM exhaust fan with 1 sone or less stone in the ceiling. Remove any attic insulation from around the fixture. Provide metal exhaust duct vented to the outside with bugs screening. Materials and methods must comply with Miami-Dade County regulations and

Weatherization Program Guidelines. Labor & Materials maximum allowable cost \$400.00 per Bathroom.			
Materials Location: 2 Bathrooms			
Labor Type: New			
Permit Fees			
STOVE OR MICROWAVE VENTILATION:			
Furnish and install mechanical ventilation for the kitchen exhaust fan as follows: Labor & Materials maximum allowable cost \$300.00. Install flexible duct attached from ranged hood to exterior of the residence All venting exhaust must be ducted and expelled to the outside			
Materials Location: KITCHEN			
Labor Type: Hood			
INSTALL AERATORS:			
 Furnish and install Faucet aerator, constructed of solid brass with polished chrome finish. Maximum flow rate of 2.2 GPM (gallons per minute) Kitchen must be swiveling type with multi spray. Faucet aerators will be tested to determine if equipment is tightened adequately to prevent 			
leakage at the point of connection.			
Materials Quantity: 2			
Labor Locations: Bath # 1 & # 2			
INSTALL SHOWER HEADS:			
Furnish and install, Showerhead made of ABS thermoplastic with Chrome-plated finish, self-cleaning and maintenance free, non-removable flow compensator. Maximum flow rate of 2.5 GPM (gallons per minute)			
The showerhead will be tested to determine if equipment is tightened adequately to prevent leakage at the point of connection			
Materials Quantity: 2			
Labor Type: Handheld			
PROVIDE CFL's BULBS:			
Furnish and install Energy Star certified LED bulbs to replace existing incandescent light bulbs in fixtures that receive 2 or more hours of use each day as marked in the attached plans.			

Materials	_ Quantity 12	
Labor	_ Location: Provide Only	
PROVIDE A/C AIR FILTER:		
Remove and replace disposate extra with homeowner.	ole pleated AC filter with a MERV rating of 7 or better and leave the	
MaterialsQu	antity: 2	
LaborT	ype: Provide Only	
REPAIR, LUBRICATE & SEAL	AROUND ALL WINDOWS TO CLOSE PROPERLY:	
Provide all necessary materials and labor to install any replacement window components, cleaning the tracks, sashes and tightening adjusting balances any misaligned sashes, tracks, loose hardware, screws on hinges, and handles. Adjacent exterior and interior surfaces shall be restored to their original condition replacing worn weatherstripping and addressing any damaged or broken parts and locking mechanisms. Caulking, seals, locks, hardware or suitable lubricants to have all designated windows restored and repaired to function as originally intended.		
MaterialLoca	ation: See Plans	
Labor Qua	ntity: 7	
INSTALL SOLAR FILMS:		
	s with a minimum of .80 solar coefficient and approximately 20% s Locations: (East, south, west. ONLY)	
Materials	Square Feet: 51 S/F	
Labor	Location: See plans as specified by "tint" marking	
REPLACE WINDOW:		
locking device and removable of window and wall penetrates are within 40" of an exterior	rs and haul away. Install windows to fit existing openings. Include Insect screen. All window installations must be caulked at junction a. Obscure glass to be used at bathrooms. If windows to be installed door's latch side, the window is to be tempered glass. Adjacent shall be restored to their original condition. Replace all windows sills	

• All WORK MUST COMPLY WITH FLORIDA BUILDING CODE IN TERMS OF EGREES. THE

	CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING WINDOWS OPENINGS FOR SIZES AND EXISTING STRUCTURAL CONDITIONS BEFORE ORDERING AND NSTALLING THE NEW WINDOWS.
	Materials Size: 2X16X41 S/H 1X36X54 S/H
	_abor Description: 2 S/H OBS 1 Regular Mill Tint
	Permit Fee Location: See Plans
	NSTALL PLEXIGLAS AT WINDOW:
	Replace and Install Plexiglas (3/8 of an inch width) on all designated windows.
	Materials Location: WD # 1
	_abor Type: Plexiglass
	REMOVE AND REPLACE EXTERIOR METAL DOOR:
	Furnish and install 1-3/4" pre-hung insulated 6 panel steel entry door (Stanley or equivalent) with all needed hardware, trim, and locksets to replace existing doors.
	Unit to include jamb, keyed entry lock, single cylinder, metal threshold, weather strip, door stopper or safety chain, peep hole and hinges. Unit approved by MDC Product Control Division to resist hurricane forces, per the FBC and Miami-Dade Building Code. Stanley or equivalent quality to fit opening. Doors must have NOA approved by Miami-Dade County and/or FBC approval. Provide Peep hole as required at front entrance door as per code. The door is to swing out with code required security hinges. Provide industry standard trim on outside (Brick mold) and inside (Casing mold) Patch stucco surface around door to match existing finish. Paint the door and trim it to match existing paint color and finish.
I	Materials Location: Front Door
	_abor Size: 36 X 80 P/H
	Permit Fees Quantity: 1
	NSTALL WEATHER STRIP &/OR THRESHOLD:
	Furnish and install, Rigid and or Kerf type (Hollow gasket attached to an extruded aluminum carrier) weather strip designed for installation on door stop. Must be adjustable and attached with screws spaced a maximum 9" apart. Install header, and sides of door jamb. Door threshold may

not be bumper type or be higher than 3/4" inches in height.			
Materials	Location: Side Door		
Labor	_		
INSTALL W/H PIPE INSULAT	TION:		
within specified (4) linear fer following items: T & P valve, leaking pipes. Use standard p 3/4" thick and have an R-V	old-water pipes from water heaters only. Insulate cold water pipes et of heater and all accessible hot water pipes. Do not cover the valve handles, control and safety devises, T & P drain line, and any pre-formed type to fit standard pipe diameters, must be a minimum of value of R-3.5 or more. Cover all elbows and cure pipes without ms must face down on horizontal pipes and be taped or glued shut.		
Materials	Locations: W/H		
Labor	_ Quantity: 4 L/F		
PROVIDE & INSTALL ELAST	OMERIC KOOL SEAL ROOF COATINGS:		
Install Elastomeric Kool Roof Coatings. The contractor must clean the roof surface to eliminate dirt, debris, and any old coatings, inspect and repair roof cracks, damage, or any areas of concern. Repair these issues before applying the coating to ensure a solid, uniform base. If recommended by the coating manufacturer, apply a primer to improve the adhesion of the elastomeric coating. Use a roller, brush, or sprayer to evenly apply the elastomeric coating. Ensure complete and uniform coverage. Multiple coats may necessary, so follow the manufacturer's guidelines on the number of coats and drying times. Let each coat dry thoroughly before applying the next one. Follow the recommended drying times to achieve the best results and ensure the coating's effectiveness. Applying elastomeric coatings can be challenging, as it requires a clean, dry surface and specific weather conditions for proper adhesion. Any deviation from these requirements, such as moisture or improper temperatures, can negatively impact the coating's effectiveness, leading to potential			
issues and reducing the overa			
Materials			
Labor	Type: Elastomeric Withe		
INSTALL ENERGY RECOVE	RY VENTILATOR:		
installed in a dwelling unit to Ventilator requirements are Contractors must follow pro	ERY VENTILATOR (ERV). The whole building ventilation must be provide indoor air quality that is acceptable to human occupants. 40 to 50 CFM's continuous flow and a rating of 1 zone or less. gram guidelines and information provided by the ASHRAE 62.2 report to achieve the required ventilation CFM rate. (Referenced		

allowable cost \$1,100.00.
Materials Location: At Best Place
Labor
Permit Fees
PACKAGE AIR CONDITIONER REPLACEMENT:
Furnish and install Carrier or Rheem cooling and heating unit, high efficiency (14 seer or better at a minimum), connected to electricity as per code and manufacturer's specifications. Cover and seal all holes inside the A/C closet, damage wall or ceiling at time of replacing the new A/C and provide the Air filters. Must seal A/C ducts and wire around plenum that egress the attic or walls. There should be NO air infiltration or exfiltration inside where A/C resides after A/C replacement. Must unclog /flush or replace the A/C drain line to remove any blockage, clean or replace the drain pan if necessary.
 New poured concrete slab and straps for compressor and any permits required Provide supply lines Provide Freon lines and Freon The contractor must provide a copy of an accurate Manual J. Calculations and AHRI Certificate
Materials Size: 3.5 Tons
 Labor
Permit Fees
INSTALL NEW SMART A/C THERMOSTAT:
Furnish and install programmable or digital thermostat. Old thermostat must be disposed of properly by contractor if thermostat contains any mercury material.
Materials Type: Smart Thermostat
Labor
SEAL AROUND ALL A/C VENT:
Furnish and provide all necessary materials and labor to install an A/C vent in the designated opening to properly ventilate the area. All measurements and calculations must be verified by the awarded contractor.
Materials Location: All Locations

Labor Quantity: 7
REPLACE A/C RETURN GRILL:
Furnish and install an A/C return grill in accordance with the determined size by the Energy Audit Inspector. Work may include the removal and disposal of existing A/C return grill. All required drywall modifications and repairs to properly accommodate the installation of the new A/C return grill unit must be included and free of surface defects, irregularities or any physical damage. The A/C return grill must be solidly attached and not slide, rock, twist, or move upon installation.
Materials Locations: Living Room
Labor
Subtotal Materials:
Subtotal Labor:
Subtotal Permit Fees:
TOTAL PROJECT COST:
Scope of Work # 171016 Pages 1 - 7 Folio # 30-7908-024-0340
Work Site Address: 16160 SW 305 Terrace
INSTALL SMOKE DETECTORS:
Furnish and install battery operated smoke detectors in all sleeping rooms and in hallways. A 10-year manufacturer warranty provided lithium battery along with a tamper proof cover is required.
Materials Locations: All Locations
Labor Quantity: 6
INSTALL CO DETECTOR:
Furnish and install one (1) Carbon Monoxide Detector with 10-year manufacturer lithium battery along with tamper proof covering near gas appliances. The installed location must not interfere

with or obstruct any o	cabinet or drawer functions.
Materials	Location: Hallway
Labor	Quantity: 1
BATHROOM EXHAU	ST FAN:
any attic insulation from the bugs screening. Mat Weatherization Prog Bathroom.	new 100 CFM exhaust fan with 1 sone or less stone in the ceiling. Remove om around the fixture. Provide metal exhaust duct vented to the outside with terials and methods must comply with Miami-Dade County regulations and ram Guidelines. Labor & Materials maximum allowable cost \$400.00 per Location: Bath# 1 & Bat # 2
Labor	Type: New
Permit Fees	
INSTALL NEW HOOI	D KITCHEN EXHAUST FAN:
fan which must be a	EXHAUST FAN. All kitchens must have a minimum of 160 CFM on-demand vented range hood (1 sone maximum for continuous use). All exhaust must st terminate to the outside or exterior of the residence. Labor & Materials cost \$600.00.
Materials	Type: Hood
Labor	Location: Kitchen
Permit Fee	
INSTALL SHOWER F	HEADS:
	Showerhead made of ABS thermoplastic with Chrome-plated finish, self-nance free, non-removable flow compensator. Maximum flow rate of 2.5 GPM
 The showerhead where the showerhead with the shower t	vill be tested to determine if equipment is tightened adequately to prevent of connection
Materials	Quantity: 2
Labor	Type: Low Flow
PROVIDE CFL's BUL	

Materials	Quantity 12
Labor	Location: Provide Only
PROVIDE A/C AIF	R FILTER:
Remove and replace extra with homeover	ace disposable pleated AC filter with a MERV rating of 7 or better and leave th vner.
Materials	Quantity: 2
Labor	Type: Provide Only
within specified (following items: The leaking pipes. Use	hot and cold-water pipes from water heaters only. Insulate cold water pipe 4) linear feet of heater and all accessible hot water pipes. Do not cover th & P valve, valve handles, control and safety devises, T & P drain line, and an e standard pre-formed type to fit standard pipe diameters, must be a minimum of
Insulate exposed within specified (a following items: The leaking pipes. Use 3/4" thick and he compression or gate	hot and cold-water pipes from water heaters only. Insulate cold water pipe 4) linear feet of heater and all accessible hot water pipes. Do not cover th & P valve, valve handles, control and safety devises, T & P drain line, and ar
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Insulate exposed within specified (a following items: Tollowing items: Tollowing items: Tollowing pipes. Use 3/4" thick and has compression or gatherials	hot and cold-water pipes from water heaters only. Insulate cold water pipes 4) linear feet of heater and all accessible hot water pipes. Do not cover the P valve, valve handles, control and safety devises, T & P drain line, and are standard pre-formed type to fit standard pipe diameters, must be a minimum ave an R-Value of R-3.5 or more. Cover all elbows and cure pipes without aps. All seams must face down on horizontal pipes and be taped or glued shut. Locations: @ New W/H Quantity: 4 L. F. OCATE EXISTING WATER HEATER: tall water heating unit, including shut off valve and electrical disconnect as perceion must be upgraded to manufacturers' recommendation and Florida Buildin applicable Miami-Dade County Building Codes.
Insulate exposed within specified (a following items: Tollowing items: Tol	hot and cold-water pipes from water heaters only. Insulate cold water pipes 4) linear feet of heater and all accessible hot water pipes. Do not cover the P valve, valve handles, control and safety devises, T & P drain line, and are standard pre-formed type to fit standard pipe diameters, must be a minimum ave an R-Value of R-3.5 or more. Cover all elbows and cure pipes without aps. All seams must face down on horizontal pipes and be taped or glued shut. Locations: @ New W/H Quantity: 4 L. F. OCATE EXISTING WATER HEATER: tall water heating unit, including shut off valve and electrical disconnect as perceion must be upgraded to manufacturers' recommendation and Florida Buildin applicable Miami-Dade County Building Codes.

CONSTRUCT EXTERIOR WATER HEATER ENCLOSURE:

• Install a water heater enclosure to protect the unit from adverse weather conditions and rusting.

• Comply with the Florida Building Code and/or any applicable municipal building code.

Materia	als	Size: By Code
Labor _		Type: Block

INSTALL BATT, BLOCKING INSULATION & FOAM TAPE:

Permanently attached weather-stripping to the attic-access door or frame around the entire perimeter to create an effective air seal between the door frame and the door. Repair air leaks or replace the attic door if damaged prior to insulation.

Build a dam with rigid material such as plywood permanently secures the dam to attic framing, to prevent loose- fill insulation from falling down the hatchway.

Install insulation foam to achieve attic-insulation R-Value of R-30 attach foam to the attic door and secure by gluing foam in layers to prevent heat transfer through the access door. All repair and materials must follow and comply with Weatherization guidelines

Materials	Location: Attic Hatch
Labor	Quantity: Both Attic Hatch

MAKE A NEW ATTIC HATCH:

Install or repair the existing attic hatch to functional use. The attic hatch must open and close properly with no defects.

Materials	Locations: Hallway	
Labor	Type: New	

INSTALL OR ADD INSULATION:

Furnish and install a blown type of Fiberglass attic insulation to the attic with a uniform R- value. Attic insulation must have a minimum R-value of R-30. The contractor must barrier and seal any electrical box, knob tube wiring from insulation or any air penetration to the conditioned space prior blow attic insulation is installed.

The contractor shall ensure that the insulation reaches the attic edges of the roof. Fill the edges of the attic first, near the eaves or gable end, then fill the center to a consistent insulation depth.

• Install an insulation depth ruler on every 300 square feet of attic area achieving R value of R-30.

Depth rulers and certificates should face the attic entrance to facilitate inspection. Post an insulation certificate with the installer information such as name of company installing insulation, name of installer, date, insulation type, lot or batch #, R-Value, number of bags, sq. ft. of coverage, and thickness in inches.	
The contractor is responsible	for obtaining an R-30 thickness regardless of the bags estimated.
Materials	_ Quantity: 12 Bags
Labor	_ Type: BLOW FBGLS INSUL
INSTALL FULL LOUVER DOO	R AT A/H CLOSET:
Furnish and Install material and labor for full louver wood bifold at AC handler closet. Provide all necessary hardware and finish matching adjacent areas.	
Materials Location: Air Handler Closet	
LaborS	Size: 32 X 80
REPLACE REFRIGERATOR:	
Furnish and install the New Energy STAR Refrigerator with proper measurements to fit in the current location. Old Equipment must be hauled away and de-manufactured through removal off the grid and completion/receipt of the de-manufacturing certificate as signed by the owner of the residence and the vendor. Include the ice line and connection there of (a separate line item for disposal fees MUST BE included on the invoice)	
Materials	_ Cubic Feet: 24 C/F
Labor	_ Color: Stanly Steel
Disposal Fee	_ Type: Top Freezer
INSTALL ENERGY RECOVERY VENTILATOR:	
INSTALL ENERGY RECOVERY VENTILATOR (ERV). The whole building ventilation must be installed in a dwelling unit to provide indoor air quality that is acceptable to human occupants. Ventilator requirements are 40 to 50 CFM's continuous flow and a rating of 1 zone or less. Contractors must follow program guidelines and information provided by the ASHRAE 62.2 VENTILATION red calculator report to achieve the required ventilation CFM rate. (Referenced Panasonic Model Number FV-04VE1 or equivalent equipment). Labor & Materials maximum allowable cost \$1,100.00.	
Materials Location: Hallway	

Labor
Permit Fees
AIR CONDITIONER REPLACEMENT:
Furnish and install Carrier or Rheem cooling and heating unit, high efficiency (14 seer or better at a minimum), connected to electricity as per code and manufacturer's specifications. Cover and seal all holes inside the A/C closet, damage wall or ceiling at time of replacing the new A/C and provide the Air filters. Must seal A/C ducts and wire around plenum that egress the attic or walls. There should be NO air infiltration or exfiltration inside where A/C resides after A/C replacement. Must unclog /flush or replace the A/C drain line to remove any blockage, clean or replace the drain pan if necessary. • New poured concrete slab and straps for compressor and any permits required • Provide supply lines
• Provide Freon lines and Freon
• The contractor must provide a copy of an accurate Manual J. Calculations and AHRI Certificate
Materials Size: 4 Tons
Labor Type: Central A/C
Permit Fees
INSTALL A/C THERMOSTAT: Furnish and install programmable or digital thermostat. Old thermostat must be disposed of properly by contractor if thermostat contains any mercury material.
Materials Type: Digital
Labor
Subtotal Materials:
Subtotal Labor:
Subtotal Permit Fees:
TOTAL PROJECT COST:

Scope of Work # Pages 1 - 8 Folio # 30-6934-020-2260 Work Site Address: 27501 SW 170 Avenue INSTALL SMOKE DETECTORS: Furnish and install battery operated smoke detectors in all sleeping rooms and in hallways. A 10-year manufacturer warranty provided lithium battery along with a tamper proof cover is required. Materials Locations: All Locations Labor Quantity: 10 INSTALL CO DETECTOR: Furnish and install one (1) Carbon Monoxide Detector with 10-year manufacturer lithium battery along with tamper proof covering near gas appliances. The installed location must not interfere with or obstruct any cabinet or drawer functions. Materials Location: 1 @ First Floor & 1 @ Second Floor Labor Quantity: 2 BATHROOM EXHAUST FAN: Furnish and install a new 100 CFM exhaust fan with 1 sone or less stone in the ceiling. Remove any attic insulation from around the fixture. Provide metal exhaust duct vented to the outside with bugs screening. Materials and methods must comply with Miami-Dade County regulations and Weatherization Program Guidelines. Labor & Materials maximum allowable cost \$400.00 per Bathroom. Materials: Location: 3 Bathrooms Labor Type: Reinstall 3 Permit Fees MICROWAVE VENTILATION: Furnish and install mechanical ventilation for the kitchen exhaust fan as follows: Labor & Materials maximum allowable cost \$300.00. *Install flexible duct attached from ranged hood to exterior of the residence *All venting exhaust must be ducted and expelled to the outside Materials Location: KITCHEN Labor Type: Microwave	П
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	Materials maximum allowable cost \$300.00. Install flexible duct attached from ranged hood to exterior of the residence
Labor Type: Microwave	Materials Location: KITCHEN
lpha	Labor Type: Microwave

DRYER VENTILATION:
Furnish and install mechanical ventilation for dryer in laundry room as follows:
 Install flexible ducts attached from dryer to exterior laundry room wall. Install Master Flow round wall vent damper Model # WVA4 Internet # 100396975 Store SKU # 587706 4 in. Round Wall Vent
Materials Location: Utility Room
Labor Type: Reinstall
INSTALL SHOWER HEADS:
Furnish and install, Showerhead made of ABS thermoplastic with Chrome-plated finish, self-cleaning and maintenance free, non-removable flow compensator. Maximum flow rate of 2.5 GPM (gallons per minute)
 The showerhead will be tested to determine if equipment is tightened adequately to prevent leakage at the point of connection
Materials Quantity: 3
Labor Location: All Bathrooms
Type Low Flow Showerhead
PROVIDE CFL's BULBS:
Furnish and install Energy Star certified LED bulbs to replace existing incandescent light bulbs in fixtures that receive 2 or more hours of use each day as marked in the attached plans.
Materials Quantity 12
Labor Location:
PROVIDE A/C AIR FILTER:
Remove and replace disposable pleated AC filter with a MERV rating of 7 or better and leave the extra with homeowner.
Materials Quantity: 4
Labor

EPAIR & SEAL AROUND ALL WINDOWS TO CLOSE PROPERLY:
rovide all necessary materials and labor to install any replacement window components, eaning the tracks, sashes and tightening adjusting balances any misaligned sashes, tracks, sose hardware, screws on hinges, and handles. djacent exterior and interior surfaces shall be restored to their original condition replacing worn eatherstripping and addressing any damaged or broken parts and locking mechanisms. aulking, seals, locks, hardware or suitable lubricants to have all designated windows restored and repaired to function as originally intended.
laterial Location: In all locations
abor Quantity: 18
ISTALL SOLAR FILMS:
urnish and Install Solar Films with a minimum of .80 solar coefficient and approximately 20% narcoal to the following Glass Locations: (East, south, west. ONLY)
laterials Square Feet: 231 S./F.
abor Location: See plans as specified by "tint" marking
EPAIR DOOR:
urnish and install necessary labor and material to door in order to work properly. Work may clude hardware removal and replacement, hinges, door standing, weather-stripping etc.
laterials Location: SEE PLANS
abor Quantity: 4
ISTALL WEATHER STRIP AND THRESHOLD:
urnish and install, Rigid and or Kerf type (Hollow gasket attached to an extruded aluminum arrier) weather strip designed for installation on door stop. Must be adjustable and attached with crews spaced a maximum 9" apart. Install header, and sides of door jamb. Door threshold may of be bumper type or be higher than 3/4" inches in height.
laterials Location: See Plans
abor Quantity: 4
ISTALL W/H PIPE INSULATION:

Insulate exposed hot and cold-water pipes from water heaters only. Insulate cold water pipes

within specified (4) linear feet of heater and all accessible hot water pipes. Do not cover the following items: T & P valve, valve handles, control and safety devises, T & P drain line, and any leaking pipes. Use standard pre-formed type to fit standard pipe diameters, must be a minimum of 3/4" thick and have an R-Value of R-3.5 or more. Cover all elbows and cure pipes without compression or gaps. All seams must face down on horizontal pipes and be taped or glued shut.	
Materials	Locations: @ # 1 W/H & @ # 2 W/H
Labor	Quantity: 8 L./F.
INSTALL WATER HEATE	R WRAP:
Furnish and Install Insulation blanket with a minimum R-6 value. Seal with tape with a maximum flame spread rating of 25. (Duct tape is not allowed). Secure blankets with straps at a maximum of 1" from the top and 1" from the bottom of the Water heater. Carefully cut out any Access panels and PT valves. Maintain insulation wrap with proper clearance from vent flute, thermostat, valves, access or intake areas. Must be installed as per Florida WAP materials, installation and workmanship standards.	
Materials	Locations: W/H # 2
Labor	
REPLACE WATER HEAT	ER:
Furnish and install water code.	er heating unit, including shut off valve and electrical disconnect as per
 Electrical connection must be upgraded to manufacturers' recommendation and Florida Building Code and/or any applicable Miami-Dade County Building Codes. Contractor must use # 6 cable 	
MaterialsS	ize: 50 Gallons
Labor1	ype: Regular W/H
Permit Fees	
Disposal Fee	
INSTALL BATT, BLOCKING INSULATION & FOAM TAPE:	
Permanently attached weather-stripping to the attic-access door or frame around the entire perimeter to create an effective air seal between the door frame and the door. Repair air leaks or replace the attic door if damaged prior to insulation.	
Build a dam with rigid material such as plywood permanently secures the dam to attic framing, to	

prevent loose- fill	insulation from falling down the hatchway.
secure by gluing	cam to achieve attic-insulation R-Value of R-30 attach foam to the attic door and foam in layers to prevent heat transfer through the access door. All repair and low and comply with Weatherization guidelines
Materials	Location: Attic Hatch Second Floor
Labor	
INSTALL OR ADD	INSULATION:
Attic insulation melectrical box, knoprior blow attic ins The contractor sh	Il a blown type of Fiberglass attic insulation to the attic with a uniform R- value. ust have a minimum R-value of R-30. The contractor must barrier and seal any ob tube wiring from insulation or any air penetration to the conditioned space sulation is installed. all ensure that the insulation reaches the attic edges of the roof. Fill the edges of the eaves or gable end, then fill the center to a consistent insulation depth.
Depth rulers and insulation certification	ion depth ruler on every 300 square feet of attic area achieving R value of R-30. I certificates should face the attic entrance to facilitate inspection. Post an atte with the installer information such as name of company installing insulation, c, date, insulation type, lot or batch #, R-Value, number of bags, sq. ft. of ckness in inches.
• The contractor is	responsible for obtaining an R-30 thickness regardless of the bags estimated.
Materials	Quantity: 26 Bags
Labor	Type: FBGLS Insulation
INSTALL ENERG	Y RECOVERY VENTILATOR:
installed in a dwe Ventilator require Contractors must VENTILATION re	FY RECOVERY VENTILATOR (ERV). The whole building ventilation must be elling unit to provide indoor air quality that is acceptable to human occupants. The ments are 40 to 50 CFM's continuous flow and a rating of 1 zone or less. If follow program guidelines and information provided by the ASHRAE 62.2 discloudator report to achieve the required ventilation CFM rate. (Referenced Number FV-04VE1 or equivalent equipment). Labor & Materials maximum 100.00.
Materials	Location: Hallway Second Floor
Labor	
Permit Fees	

AIR CONDITIONER REPLACEMENT:

Furnish and install Carrier or Rheem cooling and heating unit, high efficiency (14 seer or better at a minimum), connected to electricity as per code and manufacturer's specifications. Cover and seal all holes inside the A/C closet, damage wall or ceiling at time of replacing the new A/C and provide the Air filters. Must seal A/C ducts and wire around plenum that egress the attic or walls.

There should be NO air infilt	ration or exfiltration inside where A/C resides after A/C replacement. e the A/C drain line to remove any blockage, clean or replace the
 New poured concrete slab a Provide supply lines 	and straps for compressor and any permits required
 Provide Freon lines and Free The contractor must provide 	eon a copy of an accurate Manual J. Calculations and AHRI Certificate
Materials Size:	
Labor Quan	tity: 1
Permit Fees Location	n: A/C # 1
INSTALL A/C THERMOSTAT	:
	mable or digital thermostat. Old thermostat must be disposed of nostat contains any mercury material.
Materials	Type: Smart Thermostat
Labor	Quantity: 2
PROFESSIONAL A/C TUNE	UP ON A CENTRAL UNIT:
by an EPA certified technicia	als and labor to complete air conditioning A/C tune up maintenance, n. This includes, but is not limited to, Residential services 20-point Air list. Must unclog /flush or replace the A/C drain line to remove any pan.
Materials	Location: A/C # 2
Labor	Quantity: 1
SEAL COOLING PLENUM T	O ATTIC:
Materials	_ Locations: A/H Closet Second Floor
Labor	_

Subtotal Materials:
Subtotal Labor:
Subtotal Permit Fees:
TOTAL PROJECT COST:
Scope of Work # Pages 1 - 6 Folio # 01-4115-006-1860
Work Site Address: 2492 SW 23 Street
INSTALL SMOKE DETECTORS:
Furnish and install battery operated smoke detectors in all sleeping rooms and in hallways. A 10-year manufacturer warranty provided lithium battery along with a tamper proof cover is required. Materials Locations: Living Room
Labor Quantity: 1
INSTALL CO DETECTOR:
Furnish and install one (1) Carbon Monoxide Detector with 10-year manufacturer lithium battery along with tamper proof covering near gas appliances. The installed location must not interfere with or obstruct any cabinet or drawer functions.
MaterialsLocation: Hallway & Kitchen
Labor Quantity: 2
BATHROOM EXHAUST FAN:
Furnish and install a new 100 CFM exhaust fan with 1 sone or less stone in the ceiling. Remove any attic insulation from around the fixture. Provide metal exhaust duct vented to the outside with bugs screening. Materials and methods must comply with Miami-Dade County regulations and Weatherization Program Guidelines. Labor & Materials maximum allowable cost \$400.00 per Bathroom.
Materials Location: Guest Bathroom

_abor	Type: Install 1 New
Permit Fees	_
NSTALL KITCHEN EXH	HAUST FAN:
an which must be a ve	HAUST FAN. All kitchens must have a minimum of 160 CFM on-demand nted range hood (1 sone maximum for continuous use). All exhaust must terminate to the outside or exterior of the residence. Labor & Materials t \$600.00.
Materials	Type: Hood
_abor	_ Location: Replace-Repair Existing
Permit Fee	
PROVIDE CFL's BULBS	S:
	gy Star certified LED bulbs to replace existing incandescent light bulbs in more hours of use each day as marked in the attached plans.
Materials	Quantity 12
_abor	Type: Chandelier
PROVIDE A/C AIR FILT	ER:
Remove and replace disextra with homeowner.	sposable pleated AC filter with a MERV rating of 7 or better and leave the
Materials	Quantity: 6
_abor	Type: 2 Regular 4 Split Unit
CHECK, LUBRICATE &	SEAL AROUND INSIDE & OUTSIDE ALL WINDOWS
Provide all necessary materials and labor to install any replacement window components, cleaning the tracks, sashes and tightening adjusting balances any misaligned sashes, tracks, pose hardware screws on hinges and handles	

Adjacent exterior and interior surfaces shall be restored to their original condition replacing worn weatherstripping and addressing any damaged or broken parts and locking mechanisms.

Caulking, seals, locks, hardware or suitable lubricants to have all designated windows restored

and repaired to function as originally intended.

Material	Location: In all locations
Labor	_ Quantity:12
INSTALL SOLAR FILMS	:
	r Films with a minimum of .80 solar coefficient and approximately 20% Glass Locations: (East, south, west. ONLY)
Materials	Square Feet: 109 S/F
Labor	Location: See plans as specified by "tint" marking
REPLACE WINDOW:	
locking device and remo of window and wall pene are within 40" of an ex exterior and interior surfa	rindows and haul away. Install windows to fit existing openings. Include evable Insect screen. All window installations must be caulked at junction etrates. Obscure glass to be used at bathrooms. If windows to be installed terior door's latch side, the window is to be tempered glass. Adjacent acces shall be restored to their original condition. Replace all windows sills
CONTRACTOR IS RES	MPLY WITH FLORIDA BUILDING CODE IN TERMS OF EGREES. THE SPONSIBLE FOR VERIFYING ALL EXISTING WINDOWS OPENINGS (ISTING STRUCTURAL CONDITIONS BEFORE ORDERING AND WINDOWS.
MaterialsS	Size: 1X53X50 1X19X38
Labor [Description: 1 H/R Full View White Tint 1 S/H 1/1 OBS
Permit Fee	Location: See Plans
INSTALL W/H PIPE INS	ULATION:
within specified (4) lines following items: T & P valeaking pipes. Use stand 3/4" thick and have an	and cold-water pipes from water heaters only. Insulate cold water pipes ar feet of heater and all accessible hot water pipes. Do not cover the alve, valve handles, control and safety devises, T & P drain line, and any lard pre-formed type to fit standard pipe diameters, must be a minimum of R-Value of R-3.5 or more. Cover all elbows and cure pipes without I seams must face down on horizontal pipes and be taped or glued shut.
Materials	Locations: Utility Room
Labor	Type: Tankless

Quantity: 4 L/F
INSTALL BATT, BLOCKING INSULATION & FOAM TAPE:
Permanently attached weather-stripping to the attic-access door or frame around the entire perimeter to create an effective air seal between the door frame and the door. Repair air leaks or replace the attic door if damaged prior to insulation. Build a dam with rigid material such as plywood permanently secures the dam to attic framing, to prevent loose- fill insulation from falling down the hatchway.
Install insulation foam to achieve attic-insulation R-Value of R-30 attach foam to the attic door and secure by gluing foam in layers to prevent heat transfer through the access door. All repair and materials must follow and comply with Weatherization guidelines
Materials Location: New Hatch
Labor
MAKE A NEW ATTIC HATCH AND SEAL THE OLD ONE:
Install or repair the existing attic hatch to functional use. The attic hatch must open and close properly with no defects.
Materials Location: Best Location
Labor Type: New Attic Hatch
INSTALL OR ADD INSULATION:
Furnish and install a blown type of Fiberglass attic insulation to the attic with a uniform R- value. Attic insulation must have a minimum R-value of R-30. The contractor must barrier and seal any electrical box, knob tube wiring from insulation or any air penetration to the conditioned space prior blow attic insulation is installed. The contractor shall ensure that the insulation reaches the attic edges of the roof. Fill the edges of the attic first, near the eaves or gable end, then fill the center to a consistent insulation depth.
• Install an insulation depth ruler on every 300 square feet of attic area achieving R value of R-30. Depth rulers and certificates should face the attic entrance to facilitate inspection. Post an insulation certificate with the installer information such as name of company installing insulation, name of installer, date, insulation type, lot or batch #, R-Value, number of bags, sq. ft. of coverage, and thickness in inches.
• The contractor is responsible for obtaining an R-30 thickness regardless of the bags estimated.

Materials _____ Quantity: 8

Labor Type: Blow FBGLS Insulation
INSTALL A CHIMNEY CAP OR CROWN ACCESS & SEAL THE FIREBOX
Provide & install cap or crown to seal off the flue at the top. This prevents water, debris, and animals from getting in, and builds removable or disguised panels inside the fireplace to stop drafts
Materials Location: Living Room
Labor Quantity: 6 S/F
INSTALL ENERGY RECOVERY VENTILATOR:
INSTALL ENERGY RECOVERY VENTILATOR (ERV). The whole building ventilation must be installed in a dwelling unit to provide indoor air quality that is acceptable to human occupants. Ventilator requirements are 40 to 50 CFM's continuous flow and a rating of 1 zone or less. Contractors must follow program guidelines and information provided by the ASHRAE 62.2 VENTILATION red calculator report to achieve the required ventilation CFM rate. (Referenced Panasonic Model Number FV-04VE1 or equivalent equipment). Labor & Materials maximum allowable cost \$1,100.00.
Materials Location: Hallway
Labor
Permit Fees
INSTALL A/C THERMOSTAT:
Furnish and install programmable or digital thermostat. Old thermostat must be disposed of properly by contractor if thermostat contains any mercury material.
Materials Type: Smart
Labor Quantity: 1
REPLACE A/C RETURN GRILL:
Furnish and install an A/C return grill in accordance with the determined size by the Energy Audit Inspector. Work may include the removal and disposal of existing A/C return grill. All required drywall modifications and repairs to properly accommodate the installation of the new A/C return grill unit must be included and free of surface defects, irregularities or any physical damage. The A/C return grill must be solidly attached and not slide, rock, twist, or move upon installation.

Materials Locations: Hallway
Labor Quantity: 2
PROFESSIONAL A/C TUNE UP AT 1 PACKAGE AIR CONDITION & 2 SPLIT UNITS:
Provide all necessary materials and labor to complete air conditioning A/C tune up maintenance, by an EPA certified technician. This includes, but is not limited to, Residential services 20-point Air Conditioning Tune-up Checklist. Must unclog /flush or replace the A/C drain line to remove any blockage and clean the drain pan.
Materials Quantity: 3
Labor Type: 1 Package & 2 Split Units
Subtotal Materials:
Subtotal Labor:
Subtotal Permit Fees:
TOTAL PROJECT COST:
Scope of Work # Pages 1 - 7 Folio # 01-4111-015-0300
Work Site Address: 1244 SW 13 Court
INSTALL SMOKE DETECTORS:
Furnish and install battery operated smoke detectors in all sleeping rooms and in hallways. A 10-year manufacturer warranty provided lithium battery along with a tamper proof cover is required.
Materials: Locations: All Locations
Labor: Quantity: 6
INSTALL CO DETECTOR:
Furnish and install one (1) Carbon Monoxide Detector with 10-year manufacturer lithium battery along with tamper proof covering near gas appliances. The installed location must not interfere with or obstruct any cabinet or drawer functions.

Materials:	Location: Hallway
Labor:	Quantity: 1
BATHROOM EXHAUST F	FAN:
any attic insulation from a bugs screening. Material	100 CFM exhaust fan with 1 sone or less stone in the ceiling. Remove around the fixture. Provide metal exhaust duct vented to the outside with s and methods must comply with Miami-Dade County regulations and Guidelines. Labor & Materials maximum allowable cost \$400.00 per
Labor1	Type: Install New One
Permit Fees	
STOVE OR MICROWAVE	E VENTILATION:
Materials maximum allow Install flexible duct attac	chanical ventilation for the kitchen exhaust fan as follows: Labor & able cost \$300.00. The distribution are also because the cost should be able to the outside the cost should be able to the outside the cost should be able to the outside the cost should be able to the cost should be able
Materials	_ Location: KITCHEN
Labor	Type: Microwave
INSTALL SHOWER HEAI	DS:
	werhead made of ABS thermoplastic with Chrome-plated finish, selferee, non-removable flow compensator. Maximum flow rate of 2.5 GPM
The showerhead will b leakage at the point of co	e tested to determine if equipment is tightened adequately to prevent nnection
Materials	Quantity: 1
Labor	<u> </u>
PROVIDE CFL's BULBS:	
Furnish and install Energifixtures that receive 2 or r	y Star certified LED bulbs to replace existing incandescent light bulbs in more hours of use each day as marked in the attached plans.

Materials:	Quantity 12
Labor:	Location: Provide Only
PROVIDE A/C AIR FI	LTER:
Remove and replace extra with homeowne	disposable pleated AC filter with a MERV rating of 7 or better and leave the
Materials	Quantity: 2
Labor	Type: Provide Only
REPAIR WINDOW TO	O CLOSE PROPERLY:
cleaning the tracks, loose hardware, scre Adjacent exterior and weatherstripping and Caulking, seals, lock	ry materials and labor to install any replacement window components, sashes and tightening adjusting balances any misaligned sashes, tracks, ws on hinges, and handles. In interior surfaces shall be restored to their original condition replacing worn addressing any damaged or broken parts and locking mechanisms. In stratum or suitable lubricants to have all designated windows restored on as originally intended.
Material	Location: See Plans
Labor	Quantity: 11
REPLACE WINDOW	:
locking device and re of window and wall p are within 40" of an	g windows and haul away. Install windows to fit existing openings. Include emovable Insect screen. All window installations must be caulked at junction enetrates. Obscure glass to be used at bathrooms. If windows to be installed exterior door's latch side, the window is to be tempered glass. Adjacent surfaces shall be restored to their original condition. Replace all windows sills
• All WORK MUST C CONTRACTOR IS F	COMPLY WITH FLORIDA BUILDING CODE IN TERMS OF EGREES. THE RESPONSIBLE FOR VERIFYING ALL EXISTING WINDOWS OPENINGS EXISTING STRUCTURAL CONDITIONS BEFORE ORDERING AND EW WINDOWS.
Materials:	Size: 34 X 60 Custom Made
Labor:	_ Description: S/H White Tint 1/1
Permit Fee:	Location: See Plans

Quantity: 2

REMOVE AND REPLACE EXTERIOR METAL DOOR:

Furnish and install 1-3/4" pre-hung insulated 6 panel steel entry door (Stanley or equivalent) with all needed hardware, trim, and locksets to replace existing doors.

- Unit to include jamb, keyed entry lock, single cylinder, metal threshold, weather strip, door stopper or safety chain, peep hole and hinges.
- Unit approved by MDC Product Control Division to resist hurricane forces, per the FBC and Miami-Dade Building Code. Stanley or equivalent quality to fit opening.
- Doors must have NOA approved by Miami-Dade County and/or FBC approval.
- Provide Peep hole as required at front entrance door as per code.
- The door is to swing out with code required security hinges.
- Provide industry standard trim on outside (Brick mold) and inside (Casing mold)
- Patch stucco surface around door to match existing finish.
- Paint the door and trim it to match existing paint color and finish.

Materials	Location: Front & Side Doors
_abor	Size: 36 X 80 & 32 X 80
Permit Fees _	Quantity: 2 Doors

INSTALL W/H PIPE INSULATION:

Insulate exposed hot and cold-water pipes from water heaters only. Insulate cold water pipes within specified (4) linear feet of heater and all accessible hot water pipes. Do not cover the following items: T & P valve, valve handles, control and safety devises, T & P drain line, and any leaking pipes. Use standard pre-formed type to fit standard pipe diameters, must be a minimum of 3/4" thick and have an R-Value of R-3.5 or more. Cover all elbows and cure pipes without compression or gaps. All seams must face down on horizontal pipes and be taped or glued shut.

Materials _.	Locations: A/H Closet
Labor	Quantity: 4 L.F.

INSTALL BATT, BLOCKING INSULATION & FOAM TAPE:

Permanently attached weather-stripping to the attic-access door or frame around the entire perimeter to create an effective air seal between the door frame and the door. Repair air leaks or replace the attic door if damaged prior to insulation.

Build a dam with rigid material such as plywood permanently secures the dam to attic framing, to prevent loose- fill insulation from falling down the hatchway.

Install insulation foam to achieve attic-insulation R-Value of R-30 attach foam to the attic door and

	by gluing foam in layers to prevent heat transfer through the access door. All repair and als must follow and comply with Weatherization guidelines
Materi	als: Location: Attic Hatch
Labor_	
INSTA	LL OR ADD INSULATION:
Attic ir electric prior b The co	h and install a blown type of Fiberglass attic insulation to the attic with a uniform R- value. Insulation must have a minimum R-value of R-30. The contractor must barrier and seal any cal box, knob tube wiring from insulation or any air penetration to the conditioned space low attic insulation is installed. Insulation reaches the attic edges of the roof. Fill the edges of ic first, near the eaves or gable end, then fill the center to a consistent insulation depth.
Depth insulat name	Il an insulation depth ruler on every 300 square feet of attic area achieving R value of R-30. rulers and certificates should face the attic entrance to facilitate inspection. Post an ion certificate with the installer information such as name of company installing insulation, of installer, date, insulation type, lot or batch #, R-Value, number of bags, sq. ft. of age, and thickness in inches.
• The o	contractor is responsible for obtaining an R-30 thickness regardless of the bags estimated.
Materi	als Quantity: 24 Bags
Labor	Type: FBGLS Insulation
INSTA	LL FULL LOUVER DOOR AT A/H CLOSET:
	h and Install material and labor for full louver wood bifold at AC handler closet. Provide all sary hardware and finish matching adjacent areas.
Materi	als: Location: A/H Closet
Labor	Size: 30 X 80
INSTA	LL ENERGY RECOVERY VENTILATOR:
installe Ventila	LL ENERGY RECOVERY VENTILATOR (ERV). The whole building ventilation must be ed in a dwelling unit to provide indoor air quality that is acceptable to human occupants. It is acceptable to human occupants.

INSTALL ENERGY RECOVERY VENTILATOR (ERV). The whole building ventilation must be installed in a dwelling unit to provide indoor air quality that is acceptable to human occupants. Ventilator requirements are 40 to 50 CFM's continuous flow and a rating of 1 zone or less. Contractors must follow program guidelines and information provided by the ASHRAE 62.2 VENTILATION red calculator report to achieve the required ventilation CFM rate. (Referenced Panasonic Model Number FV-04VE1 or equivalent equipment). Labor & Materials maximum allowable cost \$1,100.00.

Materials:	Location: Best Location
Labor	
Permit Fees	
INSTALL A/C THERM	MOSTAT:
	programmable or digital thermostat. Old thermostat must be disposed of or if thermostat contains any mercury material.
Materials	Type: Smart
Labor	
PROFESSIONAL A/0	C TUNE UP ON A CENTRAL UNIT:
by an EPA certified to	y materials and labor to complete air conditioning A/C tune up maintenance, echnician. This includes, but is not limited to, Residential services 20-point Air p Checklist. Must unclog /flush or replace the A/C drain line to remove any he drain pan.
Materials	
Labor	
SEAL COOLING PL	ENUM TO ATTIC:
Materials	Locations A/H Closet
Labor	
REPLACE A/C VEN ⁻	Γ:
Furnish and provide opening to properly valued contractor.	all necessary materials and labor to install an A/C vent in the designated ventilate the area. All measurements and calculations must be verified by the
Materials:	Location: Kitchen, Dining Room & Living Room
Labor:	Quantity: 3

Subtotal Materials:
Subtotal Labor:
Subtotal Permit Fees:
TOTAL PROJECT COST:
Scope of Work # Pages 1 - 7 Folio # 08-2121-007-2100
Work Site Address: 1007 Rutland Street
INSTALL SMOKE DETECTORS:
INSTALL SWOKE DETECTORS.
Furnish and install battery operated smoke detectors in all sleeping rooms and in hallways. A 10-year manufacturer warranty provided lithium battery along with a tamper proof cover is required.
Materials Locations: Living Room
Labor Quantity: 1
INSTALL CO DETECTOR:
Furnish and install one (1) Carbon Monoxide Detector with 10-year manufacturer lithium battery along with tamper proof covering near gas appliances. The installed location must not interfere with or obstruct any cabinet or drawer functions.
Materials Location: Hallway
Labor Quantity: 1
BATHROOM EXHAUST FAN:
Furnish and install a new 100 CFM exhaust fan with 1 sone or less stone in the ceiling. Remove any attic insulation from around the fixture. Provide metal exhaust duct vented to the outside with bugs screening. Materials and methods must comply with Miami-Dade County regulations and Weatherization Program Guidelines. Labor & Materials maximum allowable cost \$400.00 per Bathroom.
Materials Location: Bathroom # 1
Labor Type: Install 1 New

Permit Fees
STOVE OR MICROWAVE VENTILATION:
Furnish and install mechanical ventilation for the kitchen exhaust fan as follows: Labor & Materials maximum allowable cost \$300.00. • Install flexible duct attached from ranged hood to exterior of the residence • All venting exhaust must be ducted and expelled to the outside Materials Location: KITCHEN Labor Type: Microwave
PROVIDE CFL's BULBS:
Furnish and install Energy Star certified LED bulbs to replace existing incandescent light bulbs in fixtures that receive 2 or more hours of use each day as marked in the attached plans.
Materials Quantity 12
Labor Location:
PROVIDE A/C AIR FILTER: Remove and replace disposable pleated AC filter with a MERV rating of 7 or better and leave the extra with homeowner.
Materials Quantity: 2
Labor
REPAIR, LUBRICATE & SEAL ALL WINDOWS TO CLOSE PROPERLY:
Provide all necessary materials and labor to install any replacement window components, cleaning the tracks, sashes and tightening adjusting balances any misaligned sashes, tracks, loose hardware, screws on hinges, and handles. Adjacent exterior and interior surfaces shall be restored to their original condition replacing worn weatherstripping and addressing any damaged or broken parts and locking mechanisms. Caulking, seals, locks, hardware or suitable lubricants to have all designated windows restored and repaired to function as originally intended.
Material Location: In all locations
Labor Quantity: 7
INSTALL SOLAR FILMS:

Furnish and Install Solar Films with a minimum of .80 solar coefficient and approximately 20% charcoal to the following Glass Locations: (East, south, west. ONLY)							
Materials	Square Feet: 138 S/F						
Labor	Location: See plans as specified by "tint" marking						
REPLACE WINDOW:							
locking device and removab of window and wall penetrate are within 40" of an exterior	ows and haul away. Install windows to fit existing openings. Include le Insect screen. All window installations must be caulked at junction es. Obscure glass to be used at bathrooms. If windows to be installed or door's latch side, the window is to be tempered glass. Adjacent is shall be restored to their original condition. Replace all windows sills						
• All WORK MUST COMPL' CONTRACTOR IS RESPO	Y WITH FLORIDA BUILDING CODE IN TERMS OF EGREES. THE NSIBLE FOR VERIFYING ALL EXISTING WINDOWS OPENINGS ING STRUCTURAL CONDITIONS BEFORE ORDERING AND NDOWS.						
Materials Size	: 37 X 38						
Labor Desc	ription: S/H Bronze Tint						
Permit FeeL	ocation: See Plans						
INSTALL PLEXIGLAS AT WINDOW: • Replace and Install Plexiglas (3/8 of an inch width) on all designated windows.							
Materials	Location: See Plans						
Labor							
REMOVE AND REPLACE EXTERIOR METAL DOOR:							
Furnish and install 1-3/4" pre-hung insulated 6 panel steel entry door (Stanley or equivalent) with all needed hardware, trim, and locksets to replace existing doors.							

- Unit to include jamb, keyed entry lock, single cylinder, metal threshold, weather strip, door
- stopper or safety chain, peep hole and hinges.

 Unit approved by MDC Product Control Division to resist hurricane forces, per the FBC and Miami-Dade Building Code. Stanley or equivalent quality to fit opening.

 Doors must have NOA approved by Miami-Dade County and/or FBC approval.
- Provide Peep hole as required at front entrance door as per code.
- The door is to swing out with code required security hinges.
 Provide industry standard trim on outside (Brick mold) and inside (Casing mold)
 Patch stucco surface around door to match existing finish.

Paint the door and trim it to match existing paint color and finish.						
Materials Location: Front & Side Doors						
Labor Size: 36X80 & 32X80						
Permit Fees Quantity: 2						
INSTALL W/H PIPE INSULATION:						
Insulate exposed hot and cold-water pipes from water heaters only. Insulate cold water pipes within specified (4) linear feet of heater and all accessible hot water pipes. Do not cover the following items: T & P valve, valve handles, control and safety devises, T & P drain line, and any leaking pipes. Use standard pre-formed type to fit standard pipe diameters, must be a minimum of 3/4" thick and have an R-Value of R-3.5 or more. Cover all elbows and cure pipes without compression or gaps. All seams must face down on horizontal pipes and be taped or glued shut.						
Materials Locations: Gas W/H						
Labor Quantity: 4 L/F						
INSTALL WATER HEATER WRAP:						
Furnish and Install Insulation blanket with a minimum R-6 value. Seal with tape with a maximum flame spread rating of 25. (Duct tape is not allowed). Secure blankets with straps at a maximum of 1" from the top and 1" from the bottom of the Water heater. Carefully cut out any Access panels and PT valves. Maintain insulation wrap with proper clearance from vent flute, thermostat, valves, access or intake areas. Must be installed as per Florida WAP materials, installation and workmanship standards.						
Materials Locations: Gas W/H						
Labor						
INSTALL BATT, BLOCKING INSULATION & FOAM TAPE:						
Permanently attached weather-stripping to the attic-access door or frame around the entire perimeter to create an effective air seal between the door frame and the door. Repair air leaks or replace the attic door if damaged prior to insulation.						
Build a dam with rigid material such as plywood permanently secures the dam to attic framing, to prevent loose- fill insulation from falling down the hatchway.						
Install insulation foam to achieve attic-insulation R-Value of R-30 attach foam to the attic door and secure by gluing foam in layers to prevent heat transfer through the access door. All repair and						

materials must follo	w and comply with Weatherization guidelines
Materials	Location: Attic Hatch
Labor	
INSTALL OR ADD I	NSULATION:
Attic insulation mus electrical box, knot prior blow attic insu The contractor shal	a blown type of Fiberglass attic insulation to the attic with a uniform R- value. It have a minimum R-value of R-30. The contractor must barrier and seal any to tube wiring from insulation or any air penetration to the conditioned space lation is installed. I ensure that the insulation reaches the attic edges of the roof. Fill the edges of the eaves or gable end, then fill the center to a consistent insulation depth.
Depth rulers and insulation certificate	on depth ruler on every 300 square feet of attic area achieving R value of R-30. certificates should face the attic entrance to facilitate inspection. Post an e with the installer information such as name of company installing insulation, date, insulation type, lot or batch #, R-Value, number of bags, sq. ft. of kness in inches.
• The contractor is r	responsible for obtaining an R-30 thickness regardless of the bags estimated.
Materials	Quantity: 12 Bags
Labor	Type: FBGLAS Blown Insulation
INSTALL ENERGY	RECOVERY VENTILATOR:
installed in a dwell Ventilator requirem Contractors must to VENTILATION red	RECOVERY VENTILATOR (ERV). The whole building ventilation must be ing unit to provide indoor air quality that is acceptable to human occupants. Lents are 40 to 50 CFM's continuous flow and a rating of 1 zone or less. follow program guidelines and information provided by the ASHRAE 62.2 calculator report to achieve the required ventilation CFM rate. (Referenced Number FV-04VE1 or equivalent equipment). Labor & Materials maximum 00.00.
Materials	Location: Hallway
Labor	
Permit Fees	
AIR CONDITIONER	R REPLACEMENT:
Furnish and install	Carrier or Rheem cooling and heating unit, high efficiency (14 seer or better at

a minimum), connected to electricity as per code and manufacturer's specifications. Cover and seal all holes inside the A/C closet, damage wall or ceiling at time of replacing the new A/C and provide the Air filters. Must seal A/C ducts and wire around plenum that egress the attic or walls. There should be NO air infiltration or exfiltration inside where A/C resides after A/C replacement. Must unclog /flush or replace the A/C drain line to remove any blockage, clean or replace the drain pan if necessary. • New poured concrete slab and straps for compressor and any permits required Provide supply lines Provide Freon lines and Freon • The contractor must provide a copy of an accurate Manual J. Calculations and AHRI Certificate Materials Size: 42,0000 BTU Labor Permit Fees INSTALL A/C THERMOSTAT: Furnish and install programmable or digital thermostat. Old thermostat must be disposed of properly by contractor if thermostat contains any mercury material. Materials _____ Type: Digital Labor _____ Subtotal Materials: _____ Subtotal Labor: _____ Subtotal Permit Fees: TOTAL PROJECT COST: Phone No: 786-4694715 Date: 5/13/2025 Document Pickup: Contact: Rafael Mena Location: Via Email Mandatory: YES Date: 5/20/2025 Time: 09:00 AM YES Pre-Bid Meeting:: 100 NE 6 Ave Lot # 918 Homestead, FL 33030 Location: Date: 5/20/2025 Time: 09:00 AM Mandatory: YES YES Site Meeting: 100 NE 6 Ave Lot # 918 Homestead, FL 33030 Location: Contact: Martha Perez Bid shall be submitted to: Address: 701 NW 1st Court Suite 1100

E	mail: ma	nail: marthap@miamidade.gov FAX # : 786-469-4750									
Type of Contract:	Multiple Trade				Method of Award: Lowest Responsible Bidder						
Method of Payment:	Lump Sum				nsurance F	Required: Y	′ES				
Additional Insurance Required: NO				If Yes - Minimum Coverage:							
Performance & Payment Bond Required: NO				Bid Bond Required: NO							
Davis Bacon: NO	nance Wages: NO			AIPP:	NO Amount:						
DBE Participation:			Percenta	ige:	0.00%	DBE	Subcontractor Form	ns Required:	NO		
SBE-S Requirements			Percenta	Percentage: 0.00%							
SBE-Services Commodity Se	et-Aside	NO	If Yes, Service	=							
SBE-G Requirements			Percentage:		0.00%						
SBE-Goods Commodity Set-	Aside	NO	If Yes, Goods	; =							
Liquidated Damages:			\$\$ Per D	ay:	\$250.00						
For RPQ's less than \$10,000	, if no LD rat	e is spe	cified, the County	res	erves the r	ight to asse	ess actual damages	in lieu of LD	s.		
Design Drawing Included:	NO	Sho	p Drawing Include	ed: 1	10 0	Spec	cifications Included:	YES			
Anticipated Start Date:	6/11/2025				Calendar Days for Project Completion: 60						
Comments:	persons in register a Martha.Pe ensure that Human S attendee's the pre-bid will result their partice. 2.) Contract Mandatory Document attachmen. 3.) Followi information regarding Information 2025, by 5 Perez at M. 4.) Bids resealed envised that the sealed envised tha	 The Mandatory Pre-Bid Meeting shall be held on Tuesday, May 20, 2025 at 9:00 AM. All persons interested in participating in the Mandatory Pre-Bid Meeting are encouraged to pre-register and indicate their intention to attend the meeting by sending an email to Martha.Perez@miamidade.gov and copy to Kyle.Kincaid@miamidade.gov by doing so they will ensure that all of their contact information is correct and available to Community Action and Human Services Department (CAHSD). The email should include names of anticipated attendee's, email address, and phone number as well as their company's name. Please note that the pre-bid meeting is mandatory and failure of a bidder to attend and sign the attendance sheet will result in the Contractor's bid being rejected. Also note that if the bidder fails to arrive timely their participation in the pre-bid site visit is not guaranteed. Contract Documents: Contract Documents shall be provided to the Contractors that attend the Mandatory Pre-Bid Meeting. Upon the conclusion of the Mandatory Pre-Bid Meeting, the Contract Documents will be sent to the attending Contractors at no charge via an email containing the attachments or via email containing the online downloadable link. Following the advertisement of this project, the cone of silence will be in place. No requests for information will be answered prior to the pre-bid meeting with the exception of questions of regarding the time and date of pre-bid meeting. Following the mandatory site visit, requests for Information (RFI's)/requests for clarification must be submitted in writing by Thursday, May 22, 2025, by 5:00 PM. Written communications must be in the form of an e-mail addressed to Martha Perez at Martha.Perez@miamidade.gov and Kyle.Kincaid@miamidade.gov. Bids received after the due date and time will not be accepted. Bids are to be submitted in a sealed envelope with the completed Bid Package. The envelope must contain the RPQ Bid Form - Attachment 5A, and all other acc									

Values, etc.). Bidders are strongly encouraged to label the envelope clearly. Bidders may submit their submissions in person, via the US Post, FedEx, UPS or courier service. A complete bid package is due on or before the time and bid date specified in the advertisement or subsequent addenda changing the due date and time.

- 5.) The preliminary bid results (Bid Analysis) can be requested via e-mail. An e-mail request must be sent to Martha Perez at Martha.Perez@miamidade.gov and to Kyle.Kincaid@miamidade.gov.
- 6.) Subsequent to the commencement of the Contract, the County may require specific qualifications based on a Project's scope of work. Such requirements will be included within the RPQ.

DISCLOSURE:

• Contractor shall indemnify and hold harmless the County and its officers, employees, agents and instrumentalities from any and all liability, losses or damages, including attorneys' fees and costs of defense, which the County or its officers, employees, agents or instrumentalities may incur as a result of claims, demands, suits, causes of actions or proceedings of any kind or nature arising out of, relating to or resulting from the performance of this Agreement by the Contractor or its employees, agents, servants, partners principals or subcontractors. Contractor shall pay all claims and losses in connection therewith and shall investigate and defend all claims, suits or actions of any kind or nature in the name of the County, where applicable, including appellate proceedings, and shall pay all costs, judgments, and attorney's fees which may issue thereon. Contractor expressly understands and agrees that any insurance protection required by this Agreement or otherwise provided by the Contractor shall in no way limit the responsibility to indemnify, keep and save harmless and defend the County or its officers, employees, agents and instrumentalities as herein provided.

The Contractor shall furnish to Community Action and Human Services, Energy, Facilities and Transportation Division, 701 NW 1st Court Suite 1100, Miami FL 33136, Certificate(s) of Insurance which indicate that insurance coverage has been obtained which meets the requirements as outlined below:

- A. Worker's Compensation Insurance for all employees of the Contractor as required by Florida Statute 440.
- a. If applicable should include coverage required under the U.S. Longshoremen and Harbor Workers' Act (USL&H) and/or Jones Act for any activities on or about navigable water.
- **B.** Commercial General Liability in an amount not less than \$300,000 per occurrence, and \$600,000 in the aggregate. Miami-Dade County must be shown as an additional insured with respect to this coverage.
- **C.** Automobile Liability Insurance covering all owned, non-owned and hired vehicles used in connection with the work, in an amount not less than \$300,000 combined single limit per occurrence for bodily injury and property damage.
- *Under no circumstances are Contractors permitted on the Aviation Department, Aircraft Operating Airside (A.O.A) at Miami International Airport without increasing automobile coverage to \$5 million. Only vehicles owned or leased by a company will be authorized. \$1 million limit applies at all other airports.

VERIFICATION OF EMPLOYMENT ELIGIBILITY (E-VERIFY):

By entering the Contract, the Awarded Bidder becomes obligated to comply with the provisions of Section 448.095, Florida Statute, titled "Verification of Employment Eligibility." This includes but is not limited to utilization of the U.S. Department of Homeland Security's E-Verify System to verify the employment eligibility of all newly hired employees by the Awarded Bidder effective, January 1, 2021, and requiring all Subcontractors to provide an affidavit attesting that the Subcontractor does not employ, contract with, or subcontract with, an unauthorized alien. Failure to comply may lead to termination of this Awarded Bidder, or if a Subcontractor knowingly violates the statute, the subcontract must be terminated immediately. Any challenge to termination under this provision must be filed in the Circuit Court no later than twenty (20) calendar days after the date of termination. If this Contract is terminated for a violation of the statute by the Awarded Bidder, the Awarded Bidder may not be awarded a public contract for a period of one year after the date of termination, and the Awarded Bidder may be liable for any additional costs incurred by the County resulting from the termination of the Contract. Public and private employers must enroll in the E-Verify System (http://www.uscis.gov/e-verify) and retain the I-9 Forms for inspection.