



Hon. Pedro R. Pierluisi Urrutia
Gobernador

Lcda. Karla G. Mercado Rivera
Administradora y Principal Oficial de Compras

ENMIENDA NÚM. 1

SUBASTA FORMAL 22J-04684

PARA LA ADQUISICIÓN DE SERVICIOS DE REPARACIÓN GENERAL DE LA INFRAESTRUCTURA DEL CDT DE LAJAS, ADSCRITO AL DEPARTAMENTO DE SALUD DEL GOBIERNO DE PUERTO RICO

Asunto: Alcance de los Trabajos

Se notifica a los licitadores interesados en participar en la Subasta de referencia la siguiente enmienda:

- I. Se enmienda el subinciso b del inciso G del Anejo IV del Pliego de la Subasta Formal Núm. 22J-04684, para que lea como sigue:

"G. Motor & Pumps Damaged:

a...

b. Install; new parallel pump system, two pumps, 5 HP, 350 GPM, 208/480 volt, 3 phase, installation hardware included. 2 each.

..."

Esta Enmienda forma parte del Pliego de Subasta y quienes interesen licitar, tendrán que considerarla al presentar su Oferta. Todos los demás términos, condiciones y especificaciones permanecen sin alterar.

Héctor Ortiz Méndez
Administrador Auxiliar
Área de Adquisiciones

Aura Rosa Vázquez
Oficial de Licitación

Emitido hoy martes, 25 de octubre de 2022
En San Juan, Puerto Rico





ATTACHMENT IV - AMENDED

SCOPE OF WORK

General Facility Information:

Facility Type: Building

Building Type: Clinic

Facility: Lajas Center for Diagnostics & Treatment (CDT)

Year Built: 1990

Location Description: 237 Veterans Ave., Lajas, PR

GPS Latitude/Longitude: 18.03927, -67.05563

Number of Stories: 1

Work to be completed:

The applicant will utilize contracts and (or) force accounts for repairs on CDT Lajas to restore facilities back to pre-disaster design, function and capacity (in-kind) within the existing footprint.

To prevent similar physical damages from a future event, the sub recipient proposes several mitigation measures to reinforce and protect the building envelope and the federal investment on losses reported due to wind, impacts from debris and rain damages.

A. Main Building Roof Damage:

- a. Exterior Building, 32,640 SF of concrete roof: Surface preparation, exterior, siding, masonry, brick & block, pressure wash, based on 2500 lb. operating pressure.
- b. Apply SBS modified bituminous membrane, elastomeric asphalt primer. 32,640 SF.
- c. Install first layer of SBS modified bituminous membrane, granule surface cap sheet, polyester reinforced, 160 mils, mopped. 32,640 SF.
- d. Install final layer of SBS modified bituminous membrane, granule surface cap sheet, polyester reinforced, 150 to 160 mils. 32,640 SF.
- e. SBS modified bituminous membrane, seam heat welding. 16,320 LF
- f. Install; pre-engineering, angle flashing, aluminum, 3" x 3", flexible, mill finish, .050" thick, including up to 4 bends. 1,445 SF
- g. The roof has approximately 1000 LF of Parapet.



B. Main Building Interior Ceiling Tiles Damage:

- a. Ceiling demolition, suspended ceiling, mineral fiber, on suspension system, remove and replace. Possible presence of contamination during the demolition phase of the project.
- b. Install; ceilings tiles, mineral fiber, lay-in board, 2' x 4' x 3/4", on the existing suspension system, add fire rated. 4,320 SF

C. Main Building Windows Damage:

- a. Remove; 1 each single panel uninsulated slightly tinted tempered glass window, glass edge with rubber seal, aluminum frame, 3 ft. x 5 ft., demolition.
- b. Install; 1 each single pane glass window, aluminum frame, 3 ft. x 5 ft., tempered glass, glass edge with rubber- seal, and sealed around the frame.

D. Chilled Water System:

- a. Insulation Damaged: Remove and dispose, piping insulation, 8 LF, 10 in. Diameter, 2 in. thick, demolition.
- b. Insulation Damaged: Prepare pipe surface area, prior to develop the new insulation works.
- c. Install; chilled water pipe insulation, 8 LF, 10 in. Diameter, 2 in. thick, mineral fiber, multi-layer.

E. HVAC Split Unit Damaged:

- a. Remove and dispose; fan coil-evaporator and condensing unit, 9000 BTU, demolition. 1 each.
- b. Install; high efficiency- split unit, fan coil - evaporator and condensing unit, 1 Ton., 208/230-volt, single phase. 1 each.

F. Floor Damage:

- a. Flooring demolition, vinyl composition tile, 12" x 12". Possible presence of contamination during the demolition phase of the project. 498 SF.
- b. Install flooring, industrial grade, vinyl composition tile, solid, 12" x 12" x 1/8". 498 SF
- c. Flooring demolition, vinyl or rubber cove base, straight section. 60 LF
- d. Install; wall base, rubber, straight or cove, standard colors, 4" high, 1/8" thick. 60 LF



G. Motor & Pumps Damaged:

- a. Remove and dispose, existing motor, pumps, controls, and installation dispositive damaged. 2 each.
- b. Install; new parallel pump system, two pumps, 5 HP, 350 GPM, 208/480 volt, 3 phase, installation hardware included. 2 each.
- c. Install; new automatic control panel, dual system, with pressure and voltage monitors & switch, display, heavy duty enclosure, 480 volts, 3 phase. 2 each.

H. Fence Damaged:

- a. Fence, chain link, industrial, minimum labor/equipment charge (for fences 100 LF or less). 100 LF

I. Light Fixture Damaged:

- a. Remove fluorescent fixtures, interior, 4 lamp, 2' x 4', electrical demolition, recessed drop-in, to 15' high, including supports & whips. 2 each.
- b. Install; fluorescent fixture, interior, troffer, direct/indirect, 2-32 W T8, 2' W x 4' L, included lamps, mounting hardware and connections. 2 each.

HMP Notes:

Note 1 - HMP SOW: Per the Public Assistance Alternative Procedures (PAAP) (Section 428), Guide for Permanent Work, April 2018, “FEMA will evaluate each mitigation opportunity to first determine what measures or portions of solutions could be funded through Section 406 mitigation”, page 7 and “FEMA, the Applicant, Recipient, and Sub-recipients will develop and agree to scopes of work (SOW) and cost estimates to repair, restore, or replace eligible facilities including 406 hazard mitigation”, page 6.

Note 2 - TIMEFRAME: Per PAAP (Section 428), Guide for Permanent Work, April 2018, “In order to expedite assistance, agreement on the cost estimate of each project must be reached (by October 11, 2019) within 18 months of the date of publication of this guide (April 11, 2018)”, Page 12.

Note 3 - HMP SOW CHANGE: Per PAAP (Section 428), Guide for Permanent Work, April 2018, “After the project is obligated, the SOW for the HMP can be changed only once and the change must occur within the 18-month period”, page 14.

Note 4 - PERMITS: Per PAAP (Section 428), Guide for Permanent Work, April 2018, “Once the project is obligated, FEMA’s EHP review process is complete for that obligated project and the Recipient or Subrecipient is responsible for complying with all grant conditions, including obtaining all necessary permits prior to start of construction”.



CDT Lajas

Repairs Summary

	Repair	Quantity	Unit		Specs
A	Building Roof Damage	32,640	SF	<p>Surface preparation, exterior, siding, masonry, brick & block, pressure wash, based on 2500 lb operating pressure.</p> <p>Install SBS modified bituminous membrane, elastomeric asphalt primer. First layer of SBS modified bituminous membrane, granule surface cap sheet, polyester reinforced, 160 mils, mopped. Final layer of SBS modified bituminous membrane, granule surface cap sheet, polyester reinforced, 150 to 160 mils. SBS modified bituminous membrane, seam heat welding.</p>	<p>A.Roof Retrofit: The facility of the sub recipient experienced damages to the roof membrane and roof mounted equipment as a result of high-driven winds and heavy rain causing water intrusion in the interior.</p> <p>A.1.In addition to funding sought for repairs and restoration of damaged facility, the sub recipient is proposing Section 406 Hazard Mitigation Measures beyond Public Assistance Scope of Work (PA SOW) for the 32,640 SF roof repairs, including:</p> <p>A.1.a.Extending roof membrane treatment, modified bitumen, installation to cover the 1,000 LF, 2 FT H parapet wall, prior to installation of aluminum angle flashing included in PA SOW.</p> <p>A.1.b.Prior the installation of new membrane, ensure the design the ridge slope of not less than 1/4 unit vertical in 12 units horizontal (2 percent slope) for drainage in 32,640 roof square footage, using the self-leveling elastomeric asphalt primer included in PA SOW. This would direct water away from the center to the structure to prevent water damage in the interior of the facility. /BC 2018, Chapter 15, Section 1507.10 Built-up Roofs</p> <p>A.2.Secure roof mounted equipment, 8 EA, 1 ton mini-split condenser units and 4 EA, 5 ton central air condensing unit to roof slab prior to installing new roof waterproofing membrane, to sustain 172 mph wind forces, by:</p> <p>A.2.a.Add 48 supports for condenser units by putting 4 EA, plastic pedestals per unit, 6 inches H, to protect equipment against water damage. Secure each pedestal to the condenser with 1 EA, #10 galvanized steel screw with corrosion-resistant finish. Secure each pedestal to roof slab with 2 EA, #10 galvanized screws, prior to installing new insulation and membrane.</p> <p>A.2.b.Add 24 strap down cables to mini-split condenser units: 2 EA, 5/16' galvanized steel cables on the longest side and 1 EA 5/16' galvanized steel cable on the short side of each unit, with galvanized tum buckles and accessories, and 1 EA coat of red oxide for corrosion resistance, per unit.</p> <p>A.2.c.Add 8 strap down cables on central air condensing units: 2 EA, 5/16' galvanized steel cables with galvanized tum buckles and accessories, and 1 EA coat of red oxide for corrosion resistance, per unit.</p> <p>A.3.Install 42 EA cast iron drain dome with proper screws to avoid blockage in existing drainage internal 14 FT H, 3 in. diameter downspouts.</p> <p>A.4.Add a secondary drainage system by creating overflows in the reinforced concrete parapet, sufficient to handle the catchment area 32,460 SF by:</p> <p>A.4.a.Create 6 EA overflows with 1 EA galvanized steel scupper in 2 FT H parapet wall, after removing existing membrane and prior to installation of new membrane. Each overflow with minimum size of 4 in. H x 10 in. W, with inlet flow line 2 in. above low point of roof.</p> <p>A.4.b.Add 1 EA galvanized steel downspout, one-story high, per scupper included in AA.a to direct water away from the structure to prevent interior water damage.</p> <p>A.4.c.Prepare and install a 1 FT x 1 FT concrete base per downspout for water discharge at ground level.</p>
A	Building Roof Damage	1,445	LF	<p>Install; pre-engineering, angle flashing, aluminum, 3" x 3", flexible, mill finish, .050" thick, including up to 4 bends.</p>	



B	Interior Ceiling Tile Damage	4,320	SF	Ceiling demolition, suspended ceiling, mineral fiber, on suspension system, remove and replace. <u>Possible presence of contamination during the demolition phase of the project.</u> Install; ceilings tiles, mineral fiber, lay-in board, 2' x 4' x 3/4", on the existing suspension system, Add. fire rated.
C	Main Building Window Damage	1	EA	Remove, single pane glass window, aluminum frame, 3 ft. x 5 ft., demolition. single pane glass window, aluminum frame, 3 ft. x 5 ft., tempered glass, glass edge with seal-rubber, and sealed around the frame. Install; single pane glass window, aluminum frame, 3 ft. x 5 ft., tempered glass, glass edge with seal-rubber, and sealed around the frame.
D	Chilled Water System	8	LF	Remove and dispose, piping insulation, 10 in. Dia, 2 in. thick., demolition. Prepare pipe surface area, prior to develop the new insulation works. Install; chilled water pipe insulation, 10 in. Dia, 2 in. thick, mineral fiber, multi-layer.
E	HVAC Split Unit Damage	1	EA	Remove and dispose; fan coil-evap and condensing unit, demolition. Install; high eff. - split unit, fan coil - evap and condensing unit, 1 Ton., 208/230 volt, single phase.
F	Floor Damage	498	SF	Flooring demolition, vinyl composition tile, 12" x 12". <u>Possible presence of contamination during the demolition phase of the project.</u> Install; flooring, industrial grade, vinyl composition tile, solid, 12" x 12" x 1/8".
F	Floor Damage	60	LF	Flooring demolition, vinyl or rubber cove base, straight section. Install; wall base, rubber, straight or cove, standard colors, 4" high, 1/8" thick.



G	Motor & Pumps Damaged	2	EA Remove and dispose; existing motor, pumps, controls, and installation dispositive damaged. Install; new parallel pump system, two pumps 5 HP, 350 GPM, 208/480 volt, 3 phase, installation hardware included. Install; new automatic control panel, dual system, with pressure and voltage monitors & switch, display, heavy duty inclosure, 480 volt, 3 phase.	<p>B. Surge Protection:</p> <p>The facility of the sub recipient experienced damages to their pumps system, including 2 out of 4 pumps and 2 out of 2 interconnected control panels to alternate between the pumps. Each system includes the 5 HP motors = HP pumps and its controls. The mitigation of pumps is accomplished by the preferred methods of permanent repair specified in the Public Assistance Scope of Work (PA SOW) including the replacement of 4 EA = HP pumps, 350 gpm, 480 V and 2 automatic control panels with pressure and voltage monitors, and switch.</p> <p>B.1. In addition to funding sought for repairs and restoration of damaged facility, the sub recipient is proposing Section 406 Hazard Mitigation Measures, beyond Public Assistance Scope of Work, to install a surge protection system to protect the system composed of 2 automatic control panels and all 4 pumps against power fluctuations at the Pump Room. As a result of interconnected elements within the system, the mitigation measures include:</p> <p>B.1.a. Remove and dispose existing 20 amp disconnect panel.</p> <p>B.1.b. Install a 30 amp disconnect panel to meet capacity of replaced elements.</p> <p>B.1.c. Install an isolator transformer, 3-phase, 480 V, 25 kVA, for the pumps and locate it after the disconnect switch, but before the new automatic control panel.</p> <p>B.1.d. Install a bypass switch unit to 30 amp disconnect board, to allow an alternate electrical path for continuous voltage to the pumps as the back-up source when the transformer is damaged or undergoing maintenance.</p> <p>B.1.e. Replace existing 20 amp breaker with 30 amp breaker at main circuit board</p>
H	Fence Damage	100	LF Fence, chain link, industrial, minimum labor/equipment charge (for fences 100 L.F. or less)	
I	Light Fixture Damage	2	EA Fluorescent fixtures, interior, 4 lamp, 2' x 4', electrical demolition, remove, recessed drop-in, to 15' high, including supports & whips. Install; fluorescent fixture, interior, troffer, direct/indirect, 2-32 W T8, 2' W x 4' L, incl lamps, mounting hardware and connections	



MINIMUN FEDERAL TERMS AND CONDITIONS

1. **Clean Air Act and the Federal Water Pollution Control Act** – Contracts of amounts in excess of \$150,000.00 must contain provisions that requires the contractor to agree to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. §§7401-7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. §§ 1251-1387)
2. **Byrd Anti-Lobbying Amendment** – Contractors that apply or bid for an award of \$100,000.00 or more must file the required certification. (31 U.S.C. § 1352, as amended); (44 C.F.R. Part 18)
3. **Buy American Act of 1933** – To the extent applicable, Contractor shall comply with the Buy American Act in the purchases of goods (articles, materials, or supplies) valued over \$10,000.00. (41 U.S.C §8301 et seq.)
4. **Contract Work Hours and Safety Standard Act** – Where applicable, this act requires compliance with 40 U.S.C. § 3701 et seq. to all FEMA grants that involves the employment of mechanics and laborers, which include watchmen and guards.
5. **Davis-Bacon and Related Acts** – To the extent applicable, Contractor shall comply with the prevailing wage requirements applicable to construction, alteration, or repair of public buildings or public works. (29 CFR Parts 1, 3 and 5)
6. **Solid Waste Disposal Act** – To the extent applicable, Contractor will comply with regulations related to waste management and disposition in a manner that maximizes energy and resource recovery. (42 U.S.C. §6002 et seq.)
7. **Age Discrimination Act of 1975** – No person in the United States shall, based on age, be excluded from participating in, be denied the benefits of, or be subjected to discrimination under, any program or activity receiving federal financial assistance. (42 U.S.C. § 6101 et seq.)
8. **Rehabilitation Act of 1973** – Contractors will not discriminate against any employee or applicant for employment solely because of physical or mental handicap for which the employee or applicant is otherwise well qualified. (29 U.S.C. § 701 et seq.)
9. **Civil Rights Act of 1964** - No person in the United States shall, on the grounds of race, color or national origin, be excluded from participating in, be denied the benefits of, or be subjected to discrimination under, any program or activity receiving federal financial assistance. (42 U.S.C § 1971, et seq.)
10. **Energy Efficiency** – The Contractor agrees to comply with the requirements of 42 U.S.C § 6201 which contain policies relating to energy efficiency.



11. **Compliance with the United States Office of Management and Budget** – Contractor agrees to comply with the regulations, policies, guidelines, and requirements related to the use of federal funds under the contract.
12. **Compliance with Laws, Regulations and Executive Orders** – The Contractor acknowledges that FEMA, HUD, or other federal financial disaster funds will be used to fund work under the Formal Bid and the resulting contract. The Contractor shall comply with all applicable Federal and Puerto Rico Government laws, regulations, executive orders, policies, procedures, and directives, including but not limited to the Puerto Rico Anticorruption Code, all Federal Cost Principles set forth in 2 C.F.R. Part 200, and all applicable FEMA regulations in 44 C.F.R. Chapter 1.

NOTES

1. All quotations must be submitted by items and unit prices.
2. Any breakage of existing public or private facilities will be repaired without cost to the Department.
3. **The delivery date will be in calendar days and will start counting after the order to proceed by the Department. If there are variations in the date of delivery, the bidder shall indicate this.**
4. The Contractor must submit a detailed "Schedule" of the project, along with the implementation strategy.
5. Employees in project area, must comply with OSHA regulations. PPE (helmet, glasses, gloves, safety shoes, etc.) are required at all times within the work. Reference: OSHA 1926.96/ OSHA 1926.100/ OSHA 1926.102(a)(2) / 42 CFR Part 84/ OSHA 1926.502/ OSHA 1926.52
6. Supervisor or person in charge of the work must have at least OSHA training 30hrs.
7. Employees in the project area, must have a T-shirt identified with the name of the company they represent.
8. Projects with 10 or more employees, they will need to have a full-time occupational safety inspector in the area.
9. Rental of any equipment needed to perform the tasks should be considered in this proposal. (Aerial Lift, Boom Lift, Boom Trucks, Scaffolding etc.)
10. The rent of a "dumpster" for debris and garbage generated in the project should be considered, from which manifests will be requested for each emptying.
11. **Materials used in the work must comply with Buy American Act.**
12. **The costs related to any permit or documentation required for the realization of the project must be contemplated in this proposal.**
13. **This project is paid for in whole or in part by federal funds, so the successful bidder will have to comply with the current federal and state legal system, including the minimum wage for reconstruction works.**
14. Transport, storage and safeguarding of all materials will be responsibility of the contractor.
15. The contractor must provide documentation in reference to the payment of the workers through payroll that must be certified (corporate seal) and submitted weekly.
16. All tendering services and / or acquisitions must be carried out in accordance with the established in 2 C.F.R. 200,318-200,326.



17. It is the responsibility of the contractor to comply with these requirements. Said requirements can be audited by state and federal agencies.