SAGRADO
Universidad del Sagrado Corazón

NOTICE OF CONTRACT FOR REHABILITATION/CONSTRUCTION PROJECT FOR ELECTRICAL FACILITIES

The Puerto Rico Department of Housing ("Grantee") and Universidad del Sagrado Corazón ("Subrecipient") executed a Subrecipient Agreement on May 14, 2021, for the execution of certain activities under the Small Business Incubators and Accelerators Program to support and grow Puerto Rican small businesses by providing them with technical assistance to help grow their business skills and professional network through the structure of an Incubator or Accelerator.

This Notice of Contract for Rehabilitation/Construction Project is compliant with Section 3 of the Housing and Urban Development Act of 1968, as amended, 12 U.S.C. § 1701 u, and regulations, 24 C.F.R. § 135, and all applicable rules and orders issued.

ITEM	DESCRIPTION
SOURCE OF FUNDING	This Project is being supported with U.S. Department of Housing and Urban Development, Community Development Block Grant, Disaster Recovery (the "CDBG-DR") grant funding. Certain restrictions and other federal requirements apply to this opportunity.
GRANTEE	Puerto Rico Department of Housing
SUBRECIPIENT	Universidad del Sagrado Corazón
CONTRACT AWARD	2021-DR0211
PROJECT DESCRIPTION	The Electrical Facilities project includes the furnishing and installing the electrical infrastructure required to provide power distribution to five (5) interior spaces and the rear structure. The scope includes the installation of electrical transformers, disconnect switches, electrical distribution panels, circuit breakers, conduit, wiring, grounding, and all associated components necessary to provide a complete, safe, and operational electrical system. The work requires coordination with the existing building infrastructure and with other project disciplines, including mechanical, civil, and architectural work, to ensure proper integration of the electrical systems with the renovated facilities. The objective of the project is to provide a reliable and code-compliant electrical distribution system capable of supporting the operational requirements of the designated spaces and the rear structure. **Detailed Scope of Work:** The Electrical Facilities' scope of work includes, but is not limited to, the following activities:

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	1. Field Verification and Existing Conditions • Perform a field inspection of the existing electrical infrastructure prior to commencing work. • Verify existing electrical service, available capacity, connection points, equipment locations, and existing distribution systems. • Identify existing conditions that may affect the installation of the new electrical equipment. • Coordinate proposed installations with existing architectural, mechanical, structural, and civil conditions. • Confirm equipment locations and electrical routing prior to installation. **2. Transformers** • Furnish and install electrical transformers required to serve the designated spaces and rear structure. • Provide all required supports, mounting hardware, connectors, and accessories. • Install primary and secondary connections as required. • Provide proper grounding and bonding of transformers. • Coordinate transformer locations with available space, accessibility, ventilation, and maintenance requirements. • Identify and label transformers and associated electrical equipment. **3. Electrical Distribution Panels** • Furnish and install electrical distribution panels for the five (5) designated spaces and rear structure. • Install panels in approved and accessible locations. • Provide panelboards with the required ratings and configurations. • Install main disconnects and branch circuit breakers as applicable. • Properly identify and label all panels and circuits. • Provide directories identifying the loads served by each circuit. **4. Disconnect Switches** • Furnish and install disconnect switches for electrical equipment and systems as required. • Provide properly rated disconnecting means for the applicable equipment. • Install disconnects in accessible locations. • Provide identification and labeling for each disconnect. • Coordinate disconnect locations with mechanical equipment and other building systems. **5. Conduit Installation** • Furnish and install electrical conduit systems required for power distribution.

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	• Install conduit between transformers, panels, disconnects, equipment, and other electrical components. • Provide conduit fittings, connectors, couplings, supports, hangers, and accessories. • Route conduit to avoid conflicts with existing building systems and other trades. • Properly secure and support all conduit installations. • Seal penetrations through walls, floors, and other building assemblies as required. **6. Electrical Wiring and Conductors** • Furnish and install electrical conductors required for the distribution system. • Provide properly sized conductors based on the electrical requirements of each system and equipment. • Pull, terminate, and identify conductors at panels, transformers, disconnects, and equipment. • Provide appropriate lugs, terminals, connectors, and termination accessories. • Maintain proper conductor identification throughout the electrical installation. **7. Grounding and Bonding** • Provide grounding and bonding for transformers, panels, disconnects, equipment, and applicable electrical components. • Install grounding conductors and bonding jumpers as required. • Verify continuity of grounding and bonding connections. • Ensure the completed system provides the required protection against electrical hazards. **8. Electrical Devices and Accessories** • Furnish and install electrical accessories required for a complete installation. • Provide junction boxes, pull boxes, fittings, connectors, supports, and other miscellaneous electrical components. • Install electrical devices as required by the project design and applicable codes. • Provide identification labels for electrical equipment and circuits. **9. Coordination with HVAC Systems** • Coordinate electrical power requirements with the mechanical HVAC installation. • Provide electrical connections for HVAC equipment as required. • Coordinate the location and routing of conduits with ductwork, refrigerant piping, condensate lines, and other mechanical systems.

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	• Provide disconnecting means and electrical protection for applicable HVAC equipment. • Verify that electrical installations do not interfere with mechanical equipment operation or maintenance access. **10. Wall and Building Penetrations** • Provide required penetrations through walls, ceilings, floors, and other building components for electrical conduit and wiring. • Coordinate penetrations with existing conditions and other trades. • Properly seal and finish penetrations following installation. • Restore affected surfaces as required to maintain the integrity and appearance of the building. **11. Testing and Commissioning** • Inspect all installed electrical equipment and systems prior to energization. • Verify proper installation, connections, grounding, labeling, and circuit identification. • Perform applicable electrical testing required for the installed systems. • Verify proper operation of disconnect switches, panels, breakers, and associated equipment. • Correct deficiencies identified during testing or inspection. • Coordinate final inspection and approval of the completed electrical installations. **12. Final Documentation and Turnover** • Provide equipment identification and electrical panel schedules as required. • Document changes made during construction. • Provide available manufacturer's documentation for installed electrical equipment. • Complete final inspections and corrective work. • Clean all electrical work areas and remove construction debris. • Turn over the completed electrical systems in operational condition.
MATERIALS	The primary materials and equipment required for the Electrical Facilities project include: • Electrical transformers. • Disconnect switches. • Electrical distribution panels. • Circuit breakers. • Electrical conduits and fittings. • Electrical conductors and wiring. • Junction boxes and pull boxes.

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	• Grounding and bonding components. • Electrical connectors, lugs, terminals, and related accessories. • Mounting hardware and supports. • Identification and labeling materials. • Miscellaneous electrical accessories required for a complete installation. All materials and equipment shall be suitable for their intended application and shall comply with applicable electrical codes, project specifications, approved construction documents, and manufacturer's requirements.
SPECIAL REQUIREMENTS	The Electrical Facilities project includes the following special requirements: **1. Existing Conditions Verification** Existing electrical conditions shall be verified in the field prior to installation. **2. Code Compliance** All electrical work shall comply with applicable electrical codes, standards, regulations, and project requirements. **3. Electrical Safety** Appropriate electrical safety procedures shall be implemented throughout construction, including lockout/tagout procedures when required. **4. System Coordination** Electrical work shall be coordinated with HVAC, architectural, civil, and other building systems to prevent conflicts. **5. Equipment Accessibility** Transformers, panels, disconnects, and other electrical equipment shall be installed in locations that provide adequate access for operation, inspection, and maintenance. **6. Grounding and Bonding** All applicable electrical equipment and systems shall be properly grounded and bonded. **7. Testing and Inspection** Electrical installations shall be inspected and tested prior to final acceptance. Any deficiencies shall be corrected before project completion. **8. Protection of Existing Facilities** Existing building components, finishes, equipment, and systems shall be protected during electrical construction.

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	9. Final Condition All electrical equipment shall be properly installed, labeled, tested, operational, and ready for use upon completion of the project.
SUBMISSION	Interested parties must submit a proposal/quote for the Project in writing.
CONTACT PERSON	For questions, contact : Ing. Pedro Rodríguez Anadón T. 787.728.1515, ext. 5409 E. operaciones@sagrado.edu