

**UNIVERSITY OF PUERTO RICO
CENTRAL ADMINISTRATION
NOTICE OF REQUEST FOR PROPOSAL RFP #DRO 24-033 / B00021
DESIGN AND SUPERVISION SERVICES**

Administración
Central
Universidad de
Puerto Rico

Timeline:

RFP publication date: May 10, 2024.

Site visit (Not Compulsory) May 20, 2024.
Time: 10:00am – 3:30pm (reces from 12:00 – 1:00pm)
Location: Research & Development Center
Coordinates: (18.21105, -67.13736)

**Deadline for Request
for Information by email:** May 23, 2024, Time: on or before 4:30pm.

**Response for Request
for Information by email:** May 27, 2024, Time: on or before 4:30pm.

The proposal must be submitted **by email on or before 11:59pm (AST) on June 4, 2024**. Address the indicated contacts in Section II (Mr. Julio Collazo Rivera, attention to Arch Alejandro Argüelles and Eng. Carlos Hiraldo Torres). **The University of Puerto Rico (UPR) will accept offers via email in digital PDF format at upprecovery.rfp@upr.edu.**



The UPR is working towards its recovery, which requires the issuance of this Request for Proposal for Design and Supervision Services for the UPR Recovery Project **B00021-DRO-05-24-RUM-Reconditioning and Repairs of 8 Buildings at the University of Puerto Rico, Mayagüez Campus**. The purpose of this RFP is to request and receive proposals from qualified Architecture and Engineering firms for the development of all design documents: Basis of Design, detail design, specifications, cost estimates, schedules, scopes of work, bidding phase, and other required documentation for the compliance of the requirements of FEMA and PRDOH/CDBG-DR Non-Federal Match Program. The awarded firm or professional will also provide services of oversight and coordination for the execution of a complete comprehensive project.

Oficina de
Desarrollo
Físico e
Infraestructura

The project will impact eight buildings located at the University of Puerto Rico, Mayagüez Campus. Proponents will be working on the respective scope of work, as stated by FEMA, and must explain in detail how they will be able to provide the required services and achieve the expected results. Review and verification through the site area of FEMA's Scope of Work ("SOW") and the proposed strategy is required, as well as the development of a detailed SOW (based exclusively in the FEMA SOW of hurricane damages provided) with current industry construction costs for the repair, and in compliance with applicable actual codes and regulations. The project considers several rehabilitation tasks that will restore the facilities to their pre-disaster design, function, and capacity, including mitigation tasks as recommended by FEMA. All work to be performed must be within the existing footprint. The rehabilitation tasks consider surfaces treatment, roof waterproofing, openings, VCT floors and bases and air conditioner units among other repairs and replacements. Some works include mitigation measures and code compliance measures as recommended by FEMA in the respective scope of work for each building. Due to the structure 's year of construction, it may be necessary lead or asbestos inventories, abatement specifications to define the hazardous materials SOW in relation to the scope of the damages to be repaired.

The UPR is an equal opportunity employer and does not discriminate as to sex, gender or sexual identity, race, age, national origin, religious creed, civil status, war veterans, handicap or disable status. The UPR reserves the right to reject any or all proposals and to award the auction under the conditions it deems most convenient to the interests of the UPR, regardless of the amount of the bids or to cancel the auction award at any time before the contract is signed.

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1187 Calle Flamboyán
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Julio A. Collazo Rivera, Director

REQUEST FOR PROPOSALS FOR:

DESIGN AND SUPERVISION SERVICES FOR

Project Number: B00021-DRO-05-24-RUM

Project Title: RECONDITIONING AND REPAIR OF 8 BUILDINGS
AT THE UNIVERSITY OF PUERTO RICO, MAYAGÜEZ CAMPUS

RFP #DRO 24-033 / B00021

Physical Development and Infrastructure Office
Disaster Recovery Office
President's Office
University of Puerto Rico

Project funded by:
FEMA AND CDBG-DR PROGRAM



Universidad
de Puerto Rico



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1. BACKGROUND AND PURPOSE

The University of Puerto Rico (the "UPR") is a public corporation of the Government of Puerto Rico, organized by Act No. 1 of January 20, 1966, as amended, known as "Ley de la Universidad de Puerto Rico" (the "UPR Act"), 18 LPRA § 601 et seq, and a higher education institution. The UPR was severely devastated by Hurricane María, and as a result, is a subrecipient of the Puerto Rico Department of Housing (the "PRDOH"), under the CDBG-DR Non- Federal Match Program, and the Public Assistance Program of the Federal Emergency Management Agency (the "FEMA").

The UPR is working towards its recovery, which requires the issuance of this Request for Proposal (the "RFP") for Design and Supervision Services for the UPR Recovery Project: **B00021-DRO-05-24-RUM- Reconditioning and Repairs of 8 Buildings at the University of Puerto Rico, Mayagüez Campus**, ("The Project"). This Program is \$1,140,815,054.59 which 90% (\$1,026,733,549.92) funded by FEMA and 10% matching funds of CDBG-DR Non- Federal Match Program and institutional funds. The purpose of this RFP is to request and receive proposals from qualified **Architecture and Engineering firms for the assessment of building's current conditions and needs and the development of all design documents: As-Built, Programming, Basis of Design, Design Phases, Specialized Studies, Specifications, Cost Estimates, Schedules, Execution Logistic Plan, Permits, assistance in bidding phase and any other required documentation for the compliance of the requirements of FEMA and PRDOH/CDBG-DR Non-Federal Match Program, including but not limited to FEMA scope alignment and alternative procedure documentation as needed**. The awarded firm or professional will also provide services of oversight and coordination for the execution of a complete comprehensive project.

Proponents must explain in detail how they will be able to provide the required services and achieve the expected results, while in compliance with FEMA and PRDOH/CDBG-DR Non-Federal Match Program requirements. Previous experience with projects subject to compliance requirements under FEMA and PRDOH/CDBG-DR Non-Federal Match Program is very important. Review and verification through the site area of FEMA's Scope of Work (the "SOW") is required, as well as the development of a detailed SOW (based exclusively in the FEMA SOW of hurricane damages provided) with current industry construction costs for the repair in compliance with applicable actual codes and regulations. In addition, proponents shall provide the percent fee applicable for any future additional scope or scope change required for reinstate facility to normal functional operation.

The awarded proponent shall comply with all applicable Federal, state, and local laws, rules, regulations, and policies relating to FEMA Public Assistance Program and PRDOH CDBG-DR Program services. This includes without limitation, applicable Federal Registers; 2 C.F.R. part 200 Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards; Community Development Act of 1974; 24 C.F.R. part 570 Community Development Block Grant; applicable waivers; Fair Housing Act, 24 C.F.R. § 35, 24 C.F.R. part 58, 24 C.F.R. part 135; National Historic Preservation Act; 2 C.F.R. part 200.101, where applicable, and any other applicable state laws or regulations, including the requirements related to nondiscrimination, labor standards, and the environment; and Action Plan amendments and HUD's guidance on the funds. [Click on link](#) to see Compliance with Federal Law, Regulations and Executive Orders.

2. CONTACT AND TIMELINE

The RFP shall be sent and addressed to:

Mr. Julio Collazo Rivera, Director
Office of Physical Development & Infrastructure

Attention to:
Arch. Alejandro Argüelles, Director
Eng. Carlos Hiraldo, Field Operation Manager's
Disaster Recovery Office

University of Puerto Rico
Jardín Botánico Sur 1187, calle Flamboyán
Río Piedras, Puerto Rico 00926-1117
Tel. (787) 250-0000, Ext. 5099
E-mail: upprecovery.rfp@upr.edu

NOTICE: Interested proponents **must** register receipt of this RFP and confirm their intent to participate at upprecovery.rfp@upr.edu. **Failure to register via email will result in automatic disqualification.** Registered proponents will receive the following when applicable:

- Notice of changes or cancelation of the RFP;
- Addendums (Responses to questions or clarifications, additional documents, etc.);
- Time extensions;
- Notice of award.

Receipt registration must include the following information:

1. Company's name.
2. Representative's name.
3. Representative's email.
4. Interested proponents who are employees or contractors of the UPR are obligated to disclose their relationship with the University when confirming their interest in participating. For more information, please see Section 15.2.2 of this RFP.

Performance Evaluation

Please be advised that the resulting contract from this Request for Proposal (RFP) process will be subject to a series of performance evaluations throughout its term. By assessing the performance of the contractor at different stages of the contract term, the University aims to uphold the principles of fairness, transparency, and efficiency in government procurement. The evaluations will seek to review contractors' performance in the following or more areas: quality standards, delivery timelines, regulatory requirements, level of quality and value for the resources invested, and professionalism. The feedback obtained through performance evaluations can be used to identify areas for improvement and optimize the procurement process in the future, enabling the contractor and the University to learn from past experiences and enhance its practices for better outcomes.

3. TIMELINE AND SUBMISSION DATE

Description	Date
RFP publication	May 10, 2024.
Site Visit (Not compulsory): Location: Location: Research & Development Center Coordinates: (18.21105, -67.13736) Be advised that interested proponents must register via email Be advised that interested proponents must register via email. Please provide the complete company name, representative's name and email.	May 20, 2024 Time: 10:00am
Deadline for Request for Information (RFI) by email	May 23, 2024, Time: on or before 4:30pm Atlantic Standard Time (AST)
Response for Request for Information by email	May 27, 2024, Time: on or before 4:30pm Atlantic Standard Time (AST)
The proposal must be submitted by email. Address the indicated contacts in Section 2 – CONTACT (Mr. Julio Collazo Rivera, Attention to Eng. Carlos Hiraldo)	June 4, 2024, Time: on or before 11:59pm Atlantic Standard Time (AST).
Award Notification	July 2024
Execution of Agreement	July 2024

The proposal must be compiled in digital PDF format. The dates may be subject to change at the discretion of the UPR. Interested proponents have the responsibility of verifying and checking the email from which they issued a notice of receipt of this RFP, as was indicated in Section 2 of this RFP. All official communication related to this RFP will be per that indication. The award notice of this proposal shall not constitute the formal agreement between the parties.

4. PROJECT DESCRIPTION

The project considers two project worksheets (08026 & 08374) that will impact eight buildings: three located at the Main Campus, and five located at the Research and Development Center of the University of Puerto Rico at Mayagüez.

PW	DI #	DI Name
8374	155554	Edificio 024 Ingeniería Civil
8374	155555	Edificio 025 Edificio Luis A. Stefani
8374	155556	Edificio 026 Ingeniería Industrial
8026	155574	Edificio 040 CID A Centro de Investigación y Desarrollo
8026	155583	Edificio 049 CID MU - Museo de Mecánica y Centro de Diseño
8026	155622	Edificio 048 CID D Estudio de Litoral
8026	209528	Edificio 040 A CID J Administración
8026	209530	Edificio 040 B CID O Operación y Mantenimiento

In general terms, the scope of the project contemplates repair tasks to restore facilities to pre-disaster design, function, and capacity, including mitigation tasks as recommended by FEMA. All work to be performed must be within the existing footprint. Some works include mitigation measures and code compliance measures as recommended by FEMA in the respective scope of work for each building. Due to the structure's year of construction, it may be necessary lead or asbestos inventories, abatement specifications to define the hazardous materials SOW in relation to the scope of the damages to be repaired. The rehabilitation tasks consider surfaces treatment, roof waterproofing, openings, VCT floors and bases and air conditioner units among other repairs and replacements.

The awarded firm will provide oversight services and coordination for the execution of the project. Proponents will be working on the respective scope of work, as stated by FEMA and must explain in detail how they will be able to provide the required services and achieve the expected results, while in compliance with FEMA and PRDOH/CDBG-DR Non-Federal Match Program requirements. Review and verification through the site area of FEMA's Scope of Work (the "SOW") and the proposed strategy is required, as well as the development of a detailed SOW (based exclusively in the FEMA SOW of hurricane damages provided) with current industry construction costs for the repair, and in compliance with applicable actual codes and regulations.

This RFP aims to develop the permanent works (Category E) obligated by FEMA in Public Assistance (PA) and Hazard Mitigation Program (HMP). The A/E firm will be working on the respective scope of work, as stated by FEMA.

The design scope will be executed in concurrence for all impacted project buildings that are included in the two Project Worksheets. As part of the development, the A/E firm evaluates and develops the design package that considers:

- a. **Alignment of Scope** for submission to COR3 and FEMA for the compliance of the requirements of FEMA and PRDOH/CDBG-DR Non-Federal Match Program, that might consider the following strategies:
 - o The Awarded proponent is responsible for the evaluation of the FEMA SOW and development of the alignment/improved project package result of the methods of repair, construction logistics and others for a complete and constructable facility or system.
 - o *Improved Project or Scope of Work Alignment* shall follow all the requirements for approval of FEMA, as applicable.
 - o The scope alignment/improved project package will be evaluated and developed at the beginning of the design phase for submission to COR3 and FEMA. The alignment/improved scope shall be included as part of the final construction documents phase as an alternate SOW pending COR3/FEMA approval. Refer to **Appendix G** for the FEMA requirements and checklist for submission of alternatives procedures (share funds, alternate projects, improved projects).

- b. **Design Services** which include, but may not be limited to:
 - o Visit and identify the FEMA damages (as per SOW **Appendix F**)
 - o Validation of the strategy with the owner (UPR ORD & UPR Campus)
 - o Design (design development, construction documents), technical specifications, cost estimates, schedules, and bidding phase assistance.)
 - o Infrastructure, safety, energy efficiency and technology measures in accordance with the hazard mitigation scope
 - o Abatement for lead and asbestos materials
 - o Endorsements and Permits
 - o Technical Studies as Additional Services (detailed or described the possibles)
 - o Field Supervision
 - o Other services required for the design and supervision services.

- c. **Development of the Logistic Plan** for the Design, Permits, Bid packages and Construction Execution phases in relation to the approved budgets and schedule. The purpose of this plan is to coordinate activities with the UPR Aguadilla Campus to not cause adverse effects with the academic and administrative functions.

In general terms, the required tasks for those buildings are as follows (See SOW in **Appendix F** for specifications).

5. SERVICES

The **Awarded Proponent** will carry out, as part of the design and supervision services, all the activities and responsibilities identified below, acknowledging that this does not constitute an exhaustive list of the duties, which can increase due to the very nature of the work:

5.1 ALTERNATIVE PROCEDURES SERVICES RELATED TO FEMA'S SOW

5.1.1 The Alternative Procedures shall be developed per the Public Assistance Program and Policy Guide (PAPPG) V3.1 2018, Chapter 2, section VII.G (Capped Projects). Alternative Procedures consist of the following projects:

- a. Improved
- b. Consolidated
- c. Alternate
- d. Share funds
- e. Excess funds

5.1.2 The scope of work includes, but is not limited, to the following:

1. Review, evaluation, and familiarization with the projects that are part of the Alternative Procedures.
2. Develop and prepare a turnover package (TOP) for submission to COR3 and FEMA. The TOP shall include, but is not limited, to the following:

- a. Transmittal letter.
 - b. Project narrative -Description with cost effectiveness and benefits of the Alternative Procedure project and Mitigation proposal resiliency.
 - c. FEMA requested forms per the PAPPG guidelines.
 - d. Schematic design.
 - e. New scope of work alignment with cost.
 - f. Possible mitigation measures proposal to be transferred from original project to the alternate.
 - g. Detailed Cost estimates.
 - h. Schedule.
 - i. Applicable permits for each turnover package.
 - j. Development and submission of any required document as stated by the PAPPG and the Alternative Procedures guidelines.
- 5.1.3 The selected proponent shall be available to meet with FEMA and COR3 as part of the development and submission of the TOP for Alternative Procedure.
- 5.1.4 The selected proponent shall respond to any requests for information (RFI) from FEMA and COR3 derived of the process of evaluation and selection for this RFQ. Qualified firms or individuals should have experience in historic restoration/rehabilitation design and engineering services (mechanical, civil, structural, electrical, roof waterproofing specialist, cost estimator, vertical communication (elevator) engineer, historic buildings consultant) that are necessary for the reconstruction of these facilities. The UPR's goal is to receive the highest level of quality that aligns with its needs at the lowest reasonable price from an experienced and qualified firm.

Please, for more information, **Appendix G** for overview and processing the requirements for Alternatives Procedures – Example for Public Assistance-Alternative Procedures (Section 428) Guide for Permanent Work FEMA4339-DR-PR.

5.2 SERVICES RELATED TO FEMA'S SOW

- 5.2.1 The provided SOW serves as fundamental base for the development of a final detailed SOW. This final detailed SOW is required for submission to FEMA as part of the schematic design phase, for the purpose of Scope of Work Alignment. The UPR will provide guidelines for roof design. The awarded proponent will be responsible for the design following such guidelines and for preparing cost estimates for the mentioned SOW and any additional SOW as required by UPR for compliance with all internal and FEMA procedures. In addition, the awarded proponent shall perform technical assessments of existing roof conditions, technical specifications, including but not limited to infrared photography; uplift test; cores; materials; roof elements, including equipment, and existing roof perforations to be

included as part of the as built. These plans and other documents will comply with the above requirements and must be submitted to the UPR for consideration and approval.

- 5.2.2 The Awarded Proponent is responsible for verifying the SOW, Method of Repair (MOR), Record of Environmental Consideration (REC), Bipartisan Budget Act of 2018, Pub. L. No. 115-123, § 20601, 132 Stat. 64 (2018) approved work included in this document. The Campus Liaison will coordinate the visit as soon as possible.
- 5.2.3 The Project shall comply with FEMA's requirements for Category E – Permanent Work as stated in the Public Assistance Program and Policy Guide FP104-009-2/April 2018 and Puerto Rico's construction laws, regulations, and codes.
- 5.2.4 The Awarded Proponent is responsible for notifying the UPR's representative in case of any change that may affect the primary SOW.
- 5.2.5 As part of the design and supervision services to be provided, the Awarded Proponent will serve as a consultant in all matters related, constituting an advisory resource for the UPR in the plans, strategies, and actions referred and/or requested by the President or his authorized representative, COR3 or FEMA, and will be available to complete said requests and attend the meetings that the UPR deems necessary.
- 5.2.6 The Awarded Proponent will evaluate the 406 Hazard Mitigation proposed by FEMA and determine if it's viable or if there are better proposal measures to provide Hazard Mitigation to the facility. In case of a change, the awarded proponent, in coordination with the UPR's representative, will prepare a Hazard Mitigation proposal for submission to FEMA for its corresponding approval.
- 5.2.7 The Awarded Proponent will work as a representative of the UPR during the development of the Project. The personnel designated by the Awarded Proponent to oversee the project must be authorized and licensed to exercise the professions of engineering and/or architecture in Puerto Rico and must be a bona fide member of the Professional College of Engineers and Land Surveyors of Puerto Rico or the Architects and Landscape Architects Association of Puerto Rico with the corresponding membership fee payment up to date.
- 5.2.8 As part of the Basic Services the Awarded Proponent will have the responsibility related to the preparation, processing, and obtaining all the endorsements and permits required for the Project. This includes the responsibility of evaluating and determining the applicable permits to the Project and undertaking all necessary actions to ensure compliance with both state and federal agencies. These efforts will not constitute additional

services but will be integral to the basic services provided. The costs associated with submitting the endorsements, engaging technical consultants, and/or acquiring permits from the relevant agencies will be included as part of the reimbursable expenses.

These responsibilities also extend to obtaining permits and certificates for lead and asbestos remediation in buildings constructed before 1990. In addition, any permit from environmental and historical agencies required for this project.

The UPR reserves the right to award and request Additional Services. The award of Additional Services for a contract does not imply the complete utilization of the Additional Services amount. All necessary additional services must be requested to or authorized by the UPR. Requests for Additional Services will be made in writing, detailing their nature and associated costs, including coordination costs and the time required for execution. The UPR could also request additional services to the Awarded Proponent per this section of the RFP.

Unless covered under the definition of Basic Services, all services that deviate from the generally accepted architecture/engineering practices will be considered as additional services. Specifically, this refers to services beyond those described in the contract, which the UPR will approve in writing, and within the budget allocated for these services.

Upon contract signing, to activate the Additional Services clause, the awarded proponent must submit a proposal. The UPR will then assess the necessity of performing the additional services. If deemed necessary, and in compliance with the federal procurement process, the UPR may request a minimum of three different proposals. Alternatively, the UPR can activate the clause by requesting additional services from the awarded proponent.

- Please refer to **Appendix F** for a complete FEMA's SOW.

6. COST PROPOSAL

The proposal **must be submitted only in the Table Form** stated in **Appendix D**.

Note: Do not modify the template in Appendix D. All spaces are required and must be filled. If any space does not apply you should put (N/A) or other information. This is a substantial requirement, do not leave any blank spaces, for it could be cause for disqualification.

7. REQUIRED DOCUMENTS FOR THE SUBMISSION OF THE PROPOSAL

General Instructions

The evaluation and selection of a proposal will be based on the information submitted as required in this RFP. Additional information may be required upon interviews, if conducted. Proponents should respond clearly and completely to all requirements. Failure to respond to each of the requirements in the RFP will be grounds for disqualification. **Disqualified proponents will not be considered by the Evaluation Committee. The proponent must carefully examine the RFP documents and submit Appendix E as required. The submission of a proposal by a proponent will be considered evidence that it has read, understands, and accepts these requirements.** The proponent must understand that any study or information presented is provided in good faith, with the purpose of offering access to the same information that the UPR obtained. Said information or studies must be supplemented by personal research and interpretation to be judged by the bidders. It is the responsibility of the proponents, not the UPR, any misinterpretation of the information presented.

Elaborate proposals (e.g., expensive artwork), beyond that sufficient to present a complete and effective proposal, are not necessary or desired.

Mandatory requirements, Proposal Preparation, and Submission

Professional services of Design and Supervision companies or individuals with current license to practice engineering or architecture in Puerto Rico are required.

Before submitting the offer, the proponent should carefully examine the RFP or proposal form provided in the RFP documents. The proponent will be responsible for any errors or omissions in the offer. Proposals will be submitted in said form and shall be initialized and signed on each page provided for it, in accordance with the following:

- a. If the proponent is an individual, the offer will be signed with the individual's name and should indicate "Individually." The individual's physical and postal address, telephone and email will be included, also proposal number and title of this RFP.
 - i. If the proponent is an individual operating under the name of a firm, the offer will be signed by the individual. The proponent will include the name of the firm under which it operates (dba). The postal and physical address, email, telephone of the firm will be included, also bid number and title of this RFP.
- b. If the proposer is a professional services corporation (P.S.C.), a limited liability company (L.L.C) or a limited liability partnership (L.L.P), its offer will be signed by its president, secretary, or other authorized official, according to its corporate resolution in this regard. The seal of the corporation must be attached. The physical and postal address, email, telephone of the main office of the corporation will be included, also proposal number and title of this RFP.

The offer and the documents identified below will be addressed to the indicated contacts in Section 2 – CONTACT via email in digital PDF format.

Proposers responding to this RFP **must comply** with the following documents:

- **Letter of Intent** - (1-page limit): Identifying the name and number of the RFP, and date of submittal. The letter must be signed by an authorized representative of the organization, that states the acceptance of the Terms and Conditions of this RFP, providing the exact business name to conduct business with the UPR, and address, telephone, fax number, e-mail address and SAM Entity Identifier Number.
 - SAM registration and annual renewal is a contract requirement. Proponents in the process of registering and/or renewing their SAM can participate in this RFP, however, if SAM registration and/or renewal process is not done by the time of award, your proposal may be rejected for not meeting federal procurement requirements.
- **Appendix A** – Statement of the Bidder
- **Appendix B** – Required Federal Documents (Lobbying Certification, Non-Conflict of Interest Certification and Limited Denial of Participation Affidavit)
- **Appendix D** - Cost Proposal, including additional SOW fee percentage (%)
- **Cost Proposal Breakdown** - Provide Construction Cost Estimate Breakdown based in SOW provided in Appendix F.
- **A color copy of the engineer's or architect's professional ID** (Identificación de Colegiación) and **a copy of the Department of State License**.
- **Copy of initialized RFP and its Appendices.**
- **Appendix E** – Response Checklist - Before signing and submitting the proposal for this Project, interested proponents should carefully review and fill the Appendix E – Response Checklist. Response checklist must represent the reality of submitted documents. **If a proponent fails to submit documentation as indicated in the Response Checklist, the proponent will be automatically disqualified from consideration. No exceptions will be made to this requirement.**

Request for Information (RFI)

An RFI or clarification shall be addressed by email to: uprrecovery.rfp@upr.edu on or before the date established in this document and must reference this specific RFP (**RFP #DRO 24-033 / B00021**) in the subject line of the email. No telephone inquiries will be allowed. No further questions will be allowed after the established date. No questions will be accepted after the deadline provided in the above schedule, subject to any amendment to the same duly notified.

Any interpretations, correctios, or changes to this RFP will be made by addendum. Any changes to specifications will be made in writing and delivered to proponents that register receipt of this RFP at uprrecovery.rfp@upr.edu. Proponents shall acknowledge receipt of the addenda on **Appendix D – Cost Proposal**.

8. UPR RESPONSIBILITIES

The University of Puerto Rico PR will provide for this RFP:

- All the available information considered necessary for the Project execution.

9. COMPENSATION FOR DESIGN AND SUPERVISION SERVICES AND PAYMENT METHOD

The UPR will pay **the Awarded Proponent only** for services rendered or provided to the satisfaction of the UPR. **The Awarded Proponent** will certify that it will submit invoices for services established in the contract and any other services approved in writing by the UPR.

For the performance of the DESIGN PHASE, **the Awarded Proponent** will prepare and deliver to the UPR the documents required for the phase within the time indicated in the basic itinerary agreed to between the parties. The design and bidding itinerary are based on a total of calendar days, beginning on the date of the written Notice to Proceed, and will be interrupted by the evaluation processes carried out by the UPR between each of the phases. Payments will be made after the UPR receives and approves in writing the documents required in the Design Phase, as indicated in the contract, based on a construction cost.

The Awarded Proponent must submit one (1) original and one (1) digital copy of the invoices to be certified by the President of the University of Puerto Rico or his authorized representative, in this case, the Director of the Office of Physical Infrastructure and Development at the University of Puerto Rico, Central Administration (the "ODFI"). In addition, the Designer/Supervisor will send a copy by email to the Project Coordinator appointed by ODFI. Each invoice must be delivered physically to the ODFI during the first ten (10) calendar days of the following month in which the services were rendered. During the Design Phase, the invoices must detail the services provided or the activities carried out, accompanied by the required documents, and comply with the Basic Services requirements established in this contract.

During the SUPERVISION PHASE, the **Designer/Supervisor** must submit, along with the invoice, one (1) monthly report with the summary of activities carried out during that period in accordance with the Scope of Work established in the contract. The report must include photographs that show the project progress, minutes of the meetings with the contractors, an analysis of the current status of the Project, an evaluation of the quality of the execution, and recommendations, among other documents that the **Designer/Supervisor** considers relevant or important. The report with its corresponding invoice must also be delivered on a Universal Serial Bus (USB) and sent by email to the Project Coordinator appointed by the ODFI.

Payments for rendered services will be issued according to contract and within thirty (30) calendar days, beginning on the date on which the Director of the Office of Physical Infrastructure and Development at the University of Puerto Rico, Central Administration approves the work performed, and the invoices and documentation received meet all requirements.

10. PROPOSAL SCORING AND EVALUATION CRITERIA

Accepted proposals will be reviewed by the UPR and scored against the stated criteria. The committee may review references, request interviews/presentations, conduct interviews, demonstrations and/or conduct on-site visits. The resulting information will be used to score the proposals. The scoring will be tabulated, and the proposals ranked based on the numerical scores received.

The requested proposal will be known as **Design and Supervision Services** to be provided by established and experienced engineer's or architect's firms. The **Awarded Proponent** shall be a professional or technical team fully experienced in project designs, architectural and engineering concepts, site improvements and infrastructure strategies, building development and technology, cost estimates, administration, management, evaluation, project control (budget and schedule) accounting, technological reporting systems, construction quality control and processes. The proponent must also be well versed in Federal compliance, with a proven performance record. The UPR will only consider architectural and engineering firms with established and verifiable experience with at least two (2) years or more of experience, with projects sponsored and funded by FEMA, CDBG-DR program, and/or another Federal agency.

The UPR must comply with all applicable federal and state laws, regulations, executive orders, and policy. Consequently, the UPR will review the Proponent's Proposal to determine overall responsiveness and completeness of the Proposal with respect to the components outlined in the RFP using the following evaluation criteria:

Executive Summary – Refer to Appendix A Statement of the Bidder

- Provide a complete profile of your organization, mission, and vision statements.

Experience and strategy in providing the services (up to 20 points) – Refer to Appendix A Statement of the Bidder

- Describe the organization/company's history, experience, and capabilities as it relates to the proposed scope of work. Be specific and detail no more than three projects/contracts: description of work, dates, locations, challenges, and results. (up to 5 points)
- Please indicate whether you have experience working with public or federal entities, and years of experience performing like services. Specify the entities and supervisor of the work. The UPR may call said entities. (up to 5 points)
- Provide specific examples of the services or tasks previously provided by the entity as considered in this RFP. (up to 5 points)

- Detail your firm's understanding of the challenges and barriers for a project like this and proposed approach to overcoming these barriers. (up to 3 points)
- Identify potential risk factors and methods for dealing with these factors. (up to 2 points)

Team qualifications (up to 25 points) – Refer to Appendix A Statement of the Bidder

- The Proponent should provide detailed information about the experience and qualifications of the Proponent's principals, project managers, key personnel, and staff to be assigned, including degrees, certifications, licenses, and years of relevant experience in terms of Federal Grants and/or FEMA and FEMA regulatory requirements. The Proponent shall specifically identify current employees who will serve as Key Personnel. This includes the Proponent's own staff and staff from any subcontractors to be used. The Proponent should demonstrate that its staff (and/or subcontractor's staff) meet the desirable requirements listed below and have necessary experience and knowledge to successfully implement and perform the tasks and services. Any subcontractors should be named, along with a description of experience and what role they will play on the Proponent's team. The proponent should describe its demonstrated capability to provide the staffing with the qualifications required in this RFP through the term of the expected contract. (up to 15 points)
- Attach resumes of personnel (or/and sub-contractors, if any) who will be providing the services. Consider the infrastructure trades specialists (engineering and/or architectural consultants) based on the trades applicable for the scope work for this project (up to 10 points)
 - Personnel/Trade specialist mechanical, electrical, architectural, structural, civil, specialist roof consultant and/or other qualifications per trades based on SOW.

Proponent references (up to 5 points) – Refer to Appendix A Statement of the Bidder

- A minimum of three (3) references of the Proponent (as Prime Contractor) to which similar services have been provided within the past five years of a comparable sized institution or company, offering for each a summary of the work performed and how it relates to the scope of work under this RFP. Each reference should include a point of contact name, their title, name of the organization they represent, and their phone and e-mail information so that they may be contacted by the UPR or its designee(s). The Proponent is encouraged to provide up to two (2) references for identified subcontractors. (up to 5 points)
- If the Proponent has previous contracts with the UPR the performance directly related to those services will be taken into account as additional reference to those minimally required.

Construction Cost Estimate Breakdown (up to 10 points)

- Provide Cost Estimate Breakdown based in SOW provided in **Appendix F** (up to 10 points)

Cost Proposal (up to 30 points) – Refer to Appendix D – Cost Proposal

- Proponent with lower proposal (30 points), all other proposals receive a percentage of the point available based on their cost relationship to the lowest with the following formula: (Lowest Cost Proposal / (Cost Proposal being evaluated) x Total Cost Proposal Points. The final score will be rounded to the nearest whole number.

Cost Proposal % Fee for additional SOW (up to 5 points) – Refer to Appendix D – Cost Proposal

- Proponent with lower % of fee for additional SOW (up to 5 points)

Preference of 5 points for Section 3 Business Concern and MWBE

The UPR will provide a preference of five (5) points in the evaluation criteria of the method of rating, for a greater participation of Section 3 Business Concern and M/WBE Registered Puerto Rico Business. The Proposer seeking the Section 3 preference must be able to demonstrate that they meet one of the following criteria:

- Percentage owned by Section 3 residents: or
- Has permanent, full time employees at least 30 percent of whom are currently Section 3 residents, or within three years of the date of first employment with the business concern were Section 3 residents; or
- Has subcontracted, or has a commitment to sub-contract, in excess of 25 percent of the total dollar award of all sub-contracts to be awarded to such businesses described above. You can locate the Section 3 or MWBE Policy document with all the related information of this topic available in English and Spanish on the PRDOH website.
 - <https://cdbg-dr.pr.gov/en/download/section-3-policy/>
 - <https://cdbg-dr.pr.gov/download/politica-sobre-seccion-3/>
 - <https://cdbg-dr.pr.gov/en/download/mwbe-policy>
 - <https://cdbg-dr.pr.gov/download/politica-mwbe/>
 - **Supporting evidence to substantiate Section 3 status can include; (i) Evidence of business ownership (e.g. Articles of Incorporation, By Laws, proof of 51% company ownership, Partnership Agreement); (ii) Evidence of employees of the business (e.g. roster of permanent full time employees, Section 3 Resident Self Certification Form for each employee who qualifies as newly hired Section Resident employee); (iii) Duly signed letter evidencing subcontracting at least 25% of the dollar amount.**
 - Proposers seeking M/WBE preference **should provide a copy of their MWBE certification to evidence their status.** The certification should be provided by the following agencies as stated in the PRDOH M/WBE Policy Guide:
 - **MBDA** – Minority Business Development Agency PR

- **WOSB** – Women-Owned Small Business
- **WBENC** – Women’s Business Enterprise National Council PR
- **PMSDC** – Puerto Rican Minority Supplier Development Council
- **EPA** – Office of Small Business Programs OSDBU

For more information, please click the link below:

<https://cdbg-dr.pr.gov/en/section-3/enterprise-woman-minority-mwbe/m-wbe-policy/>

TABLE - SUMMARY OF POINTS

Description	Points
Experience and strategy in providing the services	20
Team qualifications	25
Proponent references	5
Cost Proposal Breakdown	10
Cost Proposal	30
Cost Proposal % Fee for additional SOW	5
Total	95
Section 3 Business concerns and MWBE	5
Total	100

11. FINAL EVALUATION

The UPR will review all Proposals submitted based on the proponent experience and execution of similar and complex projects. The Project will be awarded to firms that exceed the requirements of the RFP for the best value of overall services that surpass the UPR’s interests and are in full compliance with FEMA and CDBG-DR procurement requirements.

The RFP may not be awarded to the Proponent who submitted the lowest price if, in the judgment of the Committees or the UPR, another Proposal offers a better value for the Government of Puerto Rico.

12. PROJECT AWARD

ODFI’s Director will provide oversight on all contractual matters between the UPR and the awarded firm, including final professional services fee compensation, contract’s details, and compliance.

The UPR reserves the right to reject any or all proposals and to award the bid under the conditions it deems most advantageous to the interests of the University of Puerto Rico, regardless of the amount of the offer. It also reserves the right to award the proposal to more than one proponent, cancel the RFP and/or the award of the bid

at any time before the signing of the corresponding contract. The submission of a response to an RFP does not represent an agreement of any kind between the UPR and the proponent.

The UPR will award the bid in writing and will state the reasons it had for the award. The UPR has the right to cancel the process of RFP without notice at any time.

13. JUDICIAL REVIEW

Any proponent adversely affected by a decision made by the UPR in connection with the selection and award procedures provided in this RFP may submit a request for reconsideration to the UPR in accordance with the Uniform Administrative Procedure Act, Law No. 38 of June 30, 2017, as amended, within ten (10) days from the award notification date to the following email uprrecovery.rfp@upr.edu.

A request for reconsideration, as well as any other petition for review, must be in writing and clearly identify the name and address of the requesting party, contain a detailed and accurate statement of the grounds for the request, including copies of all relevant documents, and specify the relief requested. A request for reconsideration or other petition for review that fails to comply with the time limits or procedures stated above or otherwise provided in this section may be dismissed or denied without further consideration. If the UPR fails to act on the motion for reconsideration within ten (10) business days of the filing thereof, it shall be understood that the motion was denied outright and the term for judicial review shall begin to elapse from said date.

If the UPR accepts the reconsideration request within the term provided for it, it must issue the reconsideration resolution within thirty (30) days following the filing of the motion for reconsideration. If the UPR accepts the reconsideration request but doesn't take any action in relation to the motion within thirty (30) days of being filed, it will lose jurisdiction over it and the term to request judicial review will begin from the expiration of said term of thirty (30) days. The UPR may extend said term only once, before it ends, for an additional term of fifteen (15) days.

Judicial Review. The proponent adversely affected by the UPR's final decision on reconsideration may file a petition for judicial review in accordance with the Uniform Administrative Procedure Act, Law No. 38 of June 30, 2017, as amended, before the Court of Appeals, within a term of twenty (20) days from the date a copy of the notice of the final resolution or order was filed in the record of the UPR or from the term of twenty (20) days from the expiration of the thirty (30) day period within which the UPR must act upon the request for reconsideration or from the time extended by the agency, if applicable. The party shall notify the UPR and all other parties of the filing of the petition for review within the term established to request such review. The notice may be served by mail. Provided, that if the date on which the copy of the notice of

adjudication is filed in the records of the agency differs from the mailing date of said notice, the term shall be calculated from the mailing date.

14. BLACKOUT PERIOD

14.1. Definition of Blackout Period

The blackout period is a specified period during a competitive procurement process in which any Proponent, bidder, or its agent or representative, is prohibited from communicating with any UPR's employee or UPR's contractor involved in any step in the procurement process about the solicitation. The blackout period applies not only to UPR employees, but also to any current contractor of the UPR. "Involvement" in the procurement process includes but may not be limited to project management, design, development, implementation, procurement management, development of specifications, and evaluation of proposals for a particular procurement.

This solicitation designates the contact person (RFP Coordinator) and all communications to and from potential Contractors and/or their representatives during the blackout period must be in accordance with this RFP's defined method of communication with the RFP Coordinator. The blackout period begins on the date that the UPR first issued the publication of this RFP and will end when the 20 days of request for judicial review have passed.

In the event a prospective Contractor may also be a current UPR contractor, UPR employees and the prospective Proponent may contact each other with respect to their existing contract and duties only. Under no circumstances UPR employees or current contractors may discuss this RFP or corresponding procurement process or status. Any bidder, Proponent, or UPR contractor who violates the blackout period may be excluded from the awarding contract and/or may be liable to the UPR in damages and/or subject to any other remedy allowed under law, including but not limited to a ban in participating in any procurements issued by or for the UPR, or any entity of the Government of Puerto Rico, for a period of ten (10) years, if it is determined that such action results in violation of the Anticorruption Code, Puerto Rico Act 2-2018.

14.2. Other Prohibited Communications

Communications with other representatives of the Government of Puerto Rico or relevant entities of Federal Government regarding any matter related to the contents of this RFP are prohibited during the submission and selection processes. Failure to comply with these communications restrictions will result in rejection of the Proponent's proposal.

15. UPR DISCLAIMERS

By accessing and using the information provided by the UPR for the purpose of proposal submission, and, by submitting a Proposal, the Proponent, on behalf of themselves and their Partners/Subconsultants acknowledges and agrees that:

15.1. Equal Employment Opportunity and Non-Discrimination

15.1.1. The awarded proponent and authorized subcontractors must comply with the Executive Order 11246 titled "Equal Employment Opportunity", as amended by Executive Order 11375, and as supplemented in Department of Labor regulations (41CFR Part 60). In addition, the awarded proponent will not discriminate on account of sex, gender, gender identity, sexual orientation, age, race, color, national origin or social condition, physical or mental impairment, political or religious beliefs, marital status, for being a victim or being perceived as a victim of domestic violence, physical or mental handicap or veteran status in any employment, contracting or subcontracting practices called for by this contract.

15.2. Conflict of Interest

15.2.1. Conflict of Interest: As defined by the "Organic Law of the Office of Government Ethics of Puerto Rico," Law No. 1 of January 3, 2012, as amended, a Conflict of Interest is a situation in which personal or economic interest is or may reasonably be in conflict with the public interest.

15.2.2. Interested proponents who are employees or contractors of the UPR are obligated to disclose their relationship with the University when confirming their interest in participating. For UPR employees, it is mandatory to notify and disclose the nature of the relationship and the campus where such a relationship exists. For contractors, it is mandatory to notify and disclose any active contracts with the University, including the campus or subsidiary corporations in which services are rendered, contract term, quantity, and registration number. This information will be analyzed on a case-by-case basis, in accordance with the "Organic Law of the Office of Government Ethics of Puerto Rico," Law No. 1 of January 3, 2012, as amended, and all applicable local, state, and federal laws and regulations. The UPR will determine if the interested proponent will be disqualified for conflict of interest, or if a waiver from the Government Ethics Office will be sufficient to remediate said appearance of conflict of interest. If an interested proponent fails to provide accurate information, the UPR reserves the right to disqualify the proponent outright or cancel the award, if already granted.

15.2.3. No employee, officer, or agent may participate in the selection, award, or administration of a contract supported by a federal award if he or she has a real or apparent conflict of interest. The purpose of this prohibition is to ensure, at a minimum, that employees involved in the award and administration of contracts are free of undisclosed personal or organizational conflicts of interest—both in fact and appearance (2 C.F.R. § 200.318(c)(2)).

15.2.4. The Proponent shall notify the UPR as soon as possible if this contract or any aspect related to the anticipated work under this contract raises an actual or potential conflict of interest (as defined at 2 C.F.R. Part 215 and 24 C.F.R. § 85.36 (2013) (or 84.42 (2013), if applicable). The Proponent shall explain the

actual or potential conflict in writing in sufficient detail so that the UPR can assess it.

15.2.5. In the event of real or apparent conflicts of interest, the UPR reserves the right, in its best interest and at its sole discretion, to reject a proposal(s) outright or to impose additional conditions upon the Proponents. The Proponent shall accept any reasonable conflict mitigation strategy employed by the UPR, including but not limited to the use of an independent subcontractor(s) to perform the portion of work that gives rise to the actual or potential conflict. The UPR reserves the right to cancel any contract awarded pursuant to this RFP with 30 days' notice if an actual conflict of interest, or the appearance of such conflict, is not cured to UPR's satisfaction.

15.2.5.1. A real conflict of interest arises when an employee, officer, any member of his or her immediate family, his or her partner, or an organization which employs or is about to employ any of the aforementioned individuals, has a financial or other interest or a tangible personal benefit from a firm considered for a contract.

15.2.5.2. An apparent conflict of interest is an existing situation or relationship that creates the appearance that an employee, officer, or agent, any member of his or her immediate family, his or her partner, or an organization which employs or is about to employ any of the parties indicated herein, has a financial or other interest in or a tangible personal benefit from a firm considered for a contract.

15.2.5.3. Although the term "financial interest" is not defined or otherwise described in the Uniform Rules, a financial interest can be considered to be the potential for gain or loss to the employee, officer, or agent, any member of his or her immediate family, his or her partner, or an organization which employs or is about to employ any of these parties as a result of the particular procurement. The prohibited financial interest may arise from:

15.2.5.3.1. Ownership of certain financial instruments or investments like stock, bonds, or real Estate.

15.2.5.3.2. A salary, indebtedness, job offer, or similar interest that might be affected by the procurement.

15.3. Proponent's Error and Omissions

15.3.1. The UPR reserves the right to reject a submission that contains an error or omission. The UPR also reserves the right to request correction of any errors or omissions and/or to request any clarification or additional information from any Proponent, without opening clarifications for all Proponents. Proponents will be provided with a reasonable period in which to submit written responses to UPR's requests for clarification or additional information. Proponents shall respond by the deadline stated in the correspondence.

15.4. Cost analysis for proposal; Proponent's Responsibility

15.4.1. All proponents are required to perform an independent and thorough analysis of the cost estimate related to the project and their design and supervision services. Proponents are responsible for determining the accuracy and completeness of the cost estimate independently. Proponents are solely responsible for the accuracy and completeness of the cost proposal submitted.

15.5. No responsibility of the UPR regarding the use of information

15.5.1. The information provided by the UPR in reference to this RFP is intended solely for good faith and for the purpose of facilitating the proposal submission process. It is provided as a convenience to proponents and should not be relied upon as the sole basis for proposals, neither should be interpreted as the norm for every request and procurement process. The UPR shall not be held responsible for the accuracy, completeness, or reliability of the information provided for proposal submission. The UPR disclaims all liability for any errors, omissions, or discrepancies in the information presented in connection with this RFP.

15.6. Proponent's Expenses

15.6.1. Proponents are solely responsible for their own expenses in preparing a Proposal and for subsequent negotiations with the UPR, if any. The UPR will not be liable to any Respondent for any claims, costs, or damages incurred by the Proponent in preparing the Proposal, loss of anticipated profit in connection with any final Agreement, or any other matter whatsoever.

15.7. Selection of proposal in best interest of the UPR

15.7.1. Notwithstanding the selection criteria set forth in the RFP, if determined by the UPR to be in its best interest, the UPR reserves the right to request further information, negotiation, and select a Proposal(s) that, in its sole judgment, is consistent with, and responsive to the goals of its recovery plan, irrespective of whether it is the apparent lowest-priced Proposal.

15.8. Number of Awards

15.8.1. At the sole discretion of the UPR and based upon the breadth and experience of Proponent to this RFP, or other factors considered in its best interests, the UPR may award contracts to more than one proponent and award any vendor one or more steps or task orders per contract. In such case, proponents acknowledge and accept that UPR reserves the right, in its absolute discretion, to further negotiate the terms and conditions of their Proposals and to withdraw an award(s) if an agreement acceptable to the UPR is not reached, notwithstanding the Proponents' submission of Best and Final Offers ("BAFOs").

15.9. Withdrawal Proposals

15.9.1. A proponent may withdraw a Proposal at any time up to the date and time that the contract is awarded. The withdrawal must be submitted in writing to the RFP Coordinator. Absent a full withdrawal, Proponent must certify in the transmittal letter that its Proposal, including the submitted cost proposal and pricing, will be valid for one hundred twenty (120) days from UPR's receipt.

15.10. SAM Registration

15.10.1. SAM registration and annual renewal is a contract requirement. Proponents in the process of registering and/or renewing their SAM can participate in this RFP, however, if SAM registration and/or renewal process is not done by the time of award, your proposal may be rejected for not meeting federal procurement requirements.

15.11. Contract Negotiations/No obligation to Contract/Rejection of Proposals/Cancellation of RFP

15.11.1. The selection of any proposal for contract negotiation shall not imply acceptance by the UPR of all terms of the proposal, which may be subject to further negotiation and approvals before the UPR may be legally bound thereby.

15.11.2. Issuance of this RFP does not constitute a commitment by the UPR to award a contract. None of the participants in this RFP process have any acquired proprietary rights. The execution of a contract will be subject to the government contracting process, all approvals required by law, including the FOMB if applicable. The UPR will not have any binding obligation, duties, or commitments to the Selected Proponent(s) until and unless a contract has been duly executed and delivered by the UPR after approval by the President. If the UPR is unable to negotiate a mutually satisfactory agreement with the Selected Proponent(s), it may, in its sole discretion, negotiate with the next highest-ranked Proponent(s) or cancel and reissue a new RFP. The UPR reserves the right to accept or reject, in whole or in part, all Proposals submitted and/or cancel this RFP and/or reissue this RFP or another version of it, at any time prior to the execution of a contract, if it determines, in its absolute discretion, that doing so is in its best interests. If any or all proposals are rejected, the UPR reserves the right to re-solicit proposals.

15.11.3. There is no guarantee of a minimal amount of work or compensation for any of the proponents selected for contract negotiations.

15.12. Ownership of Proposals

15.12.1. All documents, including Proposals submitted to the UPR, become the property of the UPR. Selection or rejection of a Proposal does not affect this provision.

15.13. Confidentiality of Proposals

15.13.1. The UPR shall have no obligation to treat any information submitted in connection with a Proposal as proprietary or confidential unless (i) the Proponent so identifies such information in its Proposal as proprietary or confidential, and (ii) the UPR determines that the information is proprietary or a trade secret and legitimately requires such treatment or that it must otherwise be protected from publication according to law. The UPR obligations with respect to protection and disclosure of such information shall always be subject to applicable law. If the Proponent desires to identify any information in its Proposal as proprietary or confidential, it shall limit such designation to only those particular portions of the Proposal that actually constitute proprietary information, trade secrets, or other confidential matters or data. Identification of the entire Proposal or entire sections of the Proposal or other overly broad designations as confidential or proprietary are strongly discouraged and may result in the Proposal being deemed unresponsive. The UPR shall have the right to use all portions of the Proposal, other than those portions identified and marked as confidential or proprietary, as it considers necessary or desirable in connection with this RFP; and, by the submission of the Proposal, the Proponent thereby grants to the UPR an unrestricted license to use such unrestricted portions of the Proposal.

15.14. Collection and Use of Personal Information

15.14.1. Proponents are solely responsible for familiarizing themselves and ensuring that they comply with the laws applicable to the collection and dissemination of information, including résumés and other personal information concerning employees and employees of any subcontractors. If this RFP requires Respondents to provide the UPR with personal information of employees who have been included as resources in Proposal to this RFP, Proponents will ensure that they have obtained written consent from each of those employees before forwarding such personal information to the UPR. Such written consents are to specify that the personal information may be forwarded to the UPR for the purposes of responding to this RFP and use by the UPR for the purposes set out in the RFP. The UPR may, at any time, request the original consents or copies of the original consents from Respondents, and upon such request being made, Respondents will immediately supply such originals or copies to the UPR.

15.15. RFP and Proposal as Part of Agreement

15.15.1. This RFP, as well as any related solicitation documents such as Addenda and Questions & Answers, and the selected Proponent's Proposal will become part of any contract between the UPR and the Respondent. If the terms of the RFP and related documents or Proposal conflict with the contract, the contract terms shall control.

15.16. Non-Assignment

- 15.16.1. The successful proponent obligation under the contract shall not be assigned or transferred to any other person, firm, or corporation without the prior written consent of the UPR.

15.17. Causes for Disqualification

- 15.17.1. Failure to submit the proposal on or before the date and time deadline indicated in this RFP.
- 15.17.2. Failure to submit a fully completed proposal may be deemed nonresponsive.
- 15.17.3. Failure to submit appendix, form, certification, or required document may be ground for disqualification.
- 15.17.4. Any unauthorized ex-parte communication with UPR officials, employees, consultants or advisers, or any other unauthorized person, regarding this Project may be grounds for disqualification.
- 15.17.5. Failure to register via email will result in automatic disqualification.
- 15.17.6. As indicated in **Section 7** of this RFP, before signing and submitting the proposal for this Project, interested proponents must submit Appendix E – Response Checklist. Response checklist must represent the reality of submitted documents. If a proponent fails to submit documentation as indicated in the Response Checklist, the proponent will be automatically disqualified from consideration. No exceptions will be made to this requirement.

15.18. Performance Evaluation

- 15.18.1. Please be advised that the resulting contract from this Request for Proposal (RFP) process will be subject to a series of performance evaluations throughout its term. By assessing the performance of the contractor at different stages of the contract term, the University aims to uphold the principles of fairness, transparency, and efficiency in government procurement. The evaluations will seek to review contractors' performance in the following or more areas: quality standards, delivery timelines, regulatory requirements, level of quality and value for the resources invested, and professionalism. The feedback obtained through performance evaluations can be used to identify areas for improvement and optimize the procurement process in the future, enabling the contractor and the University to learn from past experiences and enhance its practices for better outcomes.

15.19. No Bid

- 15.19.1. Proponents, that for any circumstances decide not to participate in this RFP process, must notify the UPR by email the intention to not submit.

15.20. Sub-Contracts or Consultants of the Awarded Proponent

- 15.20.1. All federal and state law and regulations requirements apply to subcontractors. The awarded proponent shall require all subcontractors to flow down the PRDOH's Conditions, as well as termination for convenience of the PRDOH, to all subcontractors as well as the requirement to flow down such terms

to all lower-tiered subcontractors. These Conditions include required terms for project contracts, HUD General Provisions, Participation by Minority Group Members and Women Requirements and Procedures for Contracts with Housing Trust Fund Corporation, Standard Clauses for Contracts with the PRDOH, and required diversity forms. The UPR reserves the right to request the removal of any personnel, consultant, or employee from the project at any time or reason it deems appropriate.

16. REQUIRED DOCUMENTS FOR THE SIGNING OF THE CONTRACT

In addition of the above requirements, it is required that **before** the signing of the contract, the **successful proponent** provides all the documents listed below within **ten (10) calendar days** of selection. **These documents are essential requirements, the UPR reserves the right to cancel the award and/or RFP if the awarded proponent does not comply with the aforementioned term to submit documents:**

- 1. Certificate of Ethics (will be provided)
- 2. Authorization Form for Electronic Payment (will be provided)
- 3. Provide a Unique Entity Identifier (UEI) number; be registered and active in the System for Award Management SAM.GOV.
- 4. Section 3 Plan - [Click on link](#)
- 5. MWBE Utilization Plan - [Click on link](#)
- 6. Policies and Insurances – See **Appendix C**
- 7. Government ID, a color copy of the engineer's or architect's professional ID (*identificación de colegiación*) and a copy of the Department of State License to practice the profession.
- 8. Legal Entity Certification - Circular Letter No. 013-2021 of the Management and Budget Office (OGP). (Will be provided)
- 9. Eligibility Certification of the Unique Registry of Professional Service Providers (RUP) from the General Services Administration (ASG) may be accepted. If proponent doesn't have a valid RUP, **provide** the following documents:
 - Certificate of Good Standing from the State Department.
 - Department of State Certificate of Incorporation.
 - Corporate Resolution with Corporate's Seal authorizing Corporation's representative to sign the contract.
 - Debt Certification issued by Department of the Treasury, Form SC 6096, Rev. 24-Feb-2020. In case of debt, submit official Department of Treasury document which certifies that you are under a payment plan that is being fully complied with.
 - Certification of Filing of Income Tax Forms for the last five (5) years issued by the Department of Finance. Form SC 6088, Rev. 24-Feb-2020 (If there is no information because the Corporation has recently been incorporated, you must include an affidavit expressing such a situation.)
 - If the filing certification of payrolls does not register the filing corresponding to the year 2022, present a punched copy by the Treasury of the first sheet of the filed return.

- Certificate of No Debt of the Municipal Revenue Collection Center (CRIM) for all concepts.
- If there is debt, you must submit an official CRIM document evidencing a payment plan. If the Cert. of Filing of Movable Property Forms is negative, an Affidavit is required.
- Certificate of No Debt of the CRIM of Real Estate of the Corporation. If there is debt, you must submit an official CRIM document evidence of a payment plan that is being fully complied with.
- Certification of Insurance for Unemployment, Temporary Disability, issued by the Department of Labor and Human Resources.
- Social Security Certification for Drivers, issued by the Department of Labor and Human Resources.
- Negative certification from ASUME that the Corporation does not owe payments to ASUME, from which it has withheld its employees, or negative certification ordering withholding.
- Merchant Registration Certification (IVU) Filing of Monthly Forms of IVU – Model SC 2942 A.
- Municipal Patent Certification.
- Affidavit – Law 2, January 4, 2018.

END OF DOCUMENT

17. APPENDIX A
STATEMENT OF THE BIDDER

UNIVERSITY OF PUERTO RICO BOARD OF AWARD STATEMENT OF THE BIDDER FOR CONTRACTORS

BUSINESS AND TECHNICAL ORGANIZATION.

Bidder may use additional space to complete required information.

I. PERMANENT PLACE OF BUSINESS

A. Name of Bidder: _____

B. Mailing Address: _____

C. City and Zip Code: _____

D. Physical Address: _____

E. City and Zip Code: _____

F. Telephone No: _____

G. E-Mail: _____

II. PROPOSER REFERENCES - LIST BELOW SIMILAR CONTRACTS EXECUTED.

Proposer must supply references of minimum three firms to which similar services have been provided within the past five years of a comparable sized institution or company.

No.	Client Name, Contact Person and telephone	Location	Type of Work (Description of the services provided, include any similar services to the herein required)	Contract Amount	Completion Date	Funding Resource (private, state, or federal)
1						
2						
3						
4						
5						

III. LIST BELOW ACTIVE AND PREVIOUS CONTRACTS WITH THE UNIVERSITY

Proponents with active and previous contracts with the University must notify and disclose such contract(s), including the campus or subsidiary corporations in which services are rendered, contract term, quantity, and registration number. The performance directly related to those services will be considered as an additional reference to those minimally required.

No.	Contract Registration Number	Campus or subsidiary corporations in which services are rendered	Contract Term	Quantity
1				
2				
3				
4				
5				
6				
7				

IV. LIST BELOW CONTRACTS IN HAND

No.	Name Contact Person and Telephone	Type of Work	Contract Price	% Completed
1				
2				
3				
4				
5				

V. EXECUTIVE SUMMARY

Provide a profile of your organization, mission, and vision statements and organizational chart.

VI. EXPERIENCE DESCRIPTION AND STRATEGY IN PROVIDING THE SERVICES

- Describe the organization/company's history, experience, and capabilities as it relates to the proposed scope of work. Be specific and detail no more than three projects/contracts: description of work, dates, locations, challenges, and results. Please indicate whether you have experience working with public or federal entities, and years of experience performing like services. Specify the entities and supervisor of the work. The UPR may call said entities. Provide specific examples, detailing the services or tasks previously provided by the entity as considered in this RFP. Detail your firm's understanding of the challenges and barriers that may arise in a project like this and the proposed approach to effectively overcome these barriers. Identify potential risk factors associated with this project and proposed strategies for dealing with these factors to avoid adverse effects to the project's performance.

VII. TEAM QUALIFICATIONS - The Proponent should provide detailed information about the experience and qualifications of the Proponent's principals, project managers, key personnel, and staff to be assigned, including degrees, certifications, licenses, and years of relevant experience in terms of Federal Grants and/or FEMA and FEMA regulatory requirements. The Proponent shall specifically identify current employees who will serve as Key Personnel. This includes the Proponent's own staff and staff from any subcontractors to be used. The Proponent should demonstrate that its staff (and/or subcontractor's staff) meet the desirable requirements listed below and have necessary experience and knowledge to successfully implement and perform the tasks and services. Any subcontractors should be named, along with a description of experience and what role they will play on the Proponent's team. The proponent should describe its demonstrated capability to provide the staffing with the qualifications required in this RFP through the term of the expected contract. Attach resumes of personnel (or/and subcontractors, if any) who will be providing the services. Consider the infrastructure trades specialists (engineering and/or architectural consultants) based on the trades applicable for the scope work for this project. Personnel/Trade specialist mechanical, electrical, architectural, structural, civil, specialist roofing consultant and/or other qualifications per trades based on SOW.

I, _____ (Representative's Name) of _____ (Name of Organization) _____ certified that the answer to this foregoing questions and all statement therein contained are true and correct.

Authorized representative signature

Date

Initials _____

18. APPENDIX B

REQUIRED FEDERAL DOCUMENTS

In compliance with federal regulations, **all bidders** must submit the following documents with their tender documents:

1. Lobbying Certification (Use attached model below)
2. Non-Conflict of Interest Certification on Existing or Pending Contracts. (Use attached model below)
3. Limited Denial of Participation (LDP)/Suspension or Debarment Status Affidavit. (Use attached model below)

A bidder who omits any of the required documents may be disqualified.



1. LOBBYING CERTIFICATION RFP #24-033 / B00021

Certification for Contracts, Grants, Loans, and Cooperative Agreements

The undersigned certifies, to the best of his or her knowledge and belief, that:

- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.
- (3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$11,000 and not more than \$110,000 for each such failure.

Please check appropriate box:

No nonfederal funds have been used or are planned to be used for lobbying in connection with this application/award/contract.

or

Attached is Standard Form LLL, "Disclosure of Lobbying Activities," which describes the use (past or planned) of nonfederal funds for lobbying in connection with this application/award/contract.

Executed this ____ day of _____, 20_____

by _____
(Type or Print Name)

(Title of Executing Official)

(Signature of Executing Official)

(Name of organization/applicant)

Initials _____



2. NON-CONFLICT OF INTEREST
CERTIFICATION ON EXISTING OR PENDING CONTRACTS
Request for Proposal (RFP)
Design and Supervision Services
Community Development Block Grant – Disaster Recovery
Universidad de Puerto Rico
RFP #24-033 / B00021

I, _____, of legal age, of marital status (married/single), and a resident of _____, have been designated as the authorized representative of _____ ("the Proposer") for the **Design and Supervision Services / RFP #24-033 / B00021** procurement process ("Procurement Process"). In such regard, I hereby certify that:

1. There are no relevant facts or circumstances that could give rise to an organizational or personal conflict of interest for the Proposer or its staff with respect to the Procurement Process with the Procuring Entity. Nonetheless, the Proposer recognizes that situations may arise that may appear to be, or are, conflicts -or potential conflicts- of interest. The term "potential conflict" means reasonably foreseeable conflict of interest.
2. The Proposer will disclose to the Procuring Entity any relevant information of an apparent, potential, or actual conflict of interest that may appear to exist regardless of their opinion that such information would not impair their objectivity.
3. As per 2 C.F.R. § 200.318(c)(1), a conflict of interest would arise when "the employee, officer, or agent, any member of his or her immediate family, his or her partner, or an organization which employs or is about to employ any of the parties indicated herein, has a financial or other interest in or a tangible personal benefit from a firm considered for a contract". Therefore, I understand that conflicts of interests may arise in, but not limited to, the following situations:
 - a) **Unequal access to information.** A potential contractor, subcontractor, employee, or consultant has access to non-public information through its performance on a government contract for disaster recovery services in Puerto Rico.
 - b) **Biased ground rules.** A potential contractor, subcontractor, employee, or consultant has worked with a government contract or program with the basic structure or ground rules of another government contract for disaster recovery services in Puerto Rico.
 - c) **Impaired objectivity.** A potential contractor, subcontractor, employee, or consultant, or member of their immediate family (spouse, parent, or child) has financial interests, or others, that would impair, or give the appearance of impairing, impartial judgment in

Initials _____

the evaluation of government programs in offering advice or recommendations to the government, or in providing technical assistance or other services to recipients of Federal funds as part of its contractual responsibility.

4. In the case in which the Proposer discloses to the Procuring Entity an apparent, potential, or actual conflict of interest, the Procuring Entity will take the appropriate measures to address the disclosure by taking the following actions, which include but are not limited to, eliminating, mitigating or neutralizing the apparent, potential or actual conflict, when appropriate, through such means as ensuring a balance of views, disclosure with the appropriate disclaimers, or by restricting or modifying the work to be performed to avoid or reduce the apparent, potential, or actual conflict.
5. If an apparent, potential, or actual conflict of interest is discovered by the Proposer after the Procurement Process concludes, it will make a full disclosure in writing to the contracting officer. This disclosure shall include a description of actions that the Proposer has taken or proposes to take to avoid, mitigate, or neutralize the apparent, potential, or actual conflict of interest.
6. The Proposer has no present or currently planned interests (financial, contractual, organizational, or otherwise) relating to the contract or task order that may result from this Procurement Process that would create any apparent, actual, or potential conflict of interest (including conflicts of interest for immediate family members: spouses, parents, children) that would impinge on its ability to render impartial, technically sound, and objective assistance or advice or result in it being given an unfair competitive advantage.
7. The Proposer has exercised, and will continue to exercise, due diligence in avoiding, identifying, removing or mitigating any apparent, potential or actual conflicts of interests to the Procuring Entity's satisfaction.

Signature of Proposer's Authorized Representative

Date

Printed Name of Proposer's Authorized Representative

Initials _____



**3. LIMITED DENIAL OF PARTICIPATION (LDP)/SUSPENSION OR DEBARMENT STATUS
AFFIDAVIT
Request for Proposal (RFP)
Design and Supervision Services
Community Development Block Grant – Disaster Recovery
Universidad de Puerto Rico
RFP #24-033 / B00021**

By signing this Certification, the Proposer certifies that the firm, business, or person submitting the Statement of Qualifications, Proposal, Bid, or Quote has not been LDP, suspended, debarred or otherwise lawfully precluded from participating in any public procurement activity with any Federal, State or local government. Signing this Certification without disclosing all pertinent information about a debarment or suspension shall result in rejection of the proposal or cancellation of a contract. The **University of Puerto Rico** also may exercise any other remedy available by law.

In _____, ____ this ____ day of _____ of 20____.

(Name of Entity)

(Authorized Representative)

(Printed Name of Authorized)

(Position)

Affidavit No. _____

Subscribed and sworn to before me in the city of _____, _____, this _____ day of _____, 20____, by _____ of legal age, _____ (civil status), _____ (occupation) and resident of _____, _____, in his/her capacity as _____ of Proposer, who I personally known or have identified by his/her _____.

Public Notary

Initials _____

19. APPENDIX C

POLICIES AND INSURANCE

Required Insurance for the project

RFP #24-033 / B00021

Las cubiertas requeridas deben ser endosadas a favor de la Universidad de Puerto Rico.

- (X) Workmen’s Compensation (Corp. del Fondo del Seguro del Estado)
- (X) Commercial General Liability (C.G.L.), including Employers Liability & Products Liability
Limits – Combined Single Limit of \$1,000,000
- (X) Auto
Limits – Combined Single Limit of \$500,000
- (X) Endorsements required for CGL & Auto:
 - (X) Hold Harmless Agreement
 - (X) Additional Insured
 - (X) Thirty (30) days cancellation notice
 - (X) Waiver of Subrogation
- (X) Errors & Omissions / Professional Liability – Limits \$1,000,000.00

Para todo proyecto cuyo financiamiento considere fondos CDBG-DR, los endosos deberán incluir a las siguientes entidades:

Puerto Rico Department of Housing PO Box 21365 San Juan, PR 00928-1365	Gobierno de Puerto Rico PO Box 9020082 San Juan, PR 00902-0082	US Department of Housing and Urban Development (HUD) 451 7 th Street S.W Washington, DC 20410
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20. **APPENDIX D** **COST PROPOSAL**

COST PROPOSAL

RE: Reconditioning and Repairs of 8 Buildings at the University of Puerto Rico, Mayagüez Campus
RFP #DRO 24-033 /B00021

***WORKS TO BE SUBJECT OF FEDERAL FUNDS REIMBURSEMENT**

Note: Do not modify this Cost Proposal Template. Fill all the required spaces. If any space does not apply you should put (N/A) or other information. Do not leave any blank spaces. The design time is concurrent for both PW's

COST PROPOSAL		
Group PW #08374 – Project 91443 DI 155554-Edificio 024 Ingeniería Civil, DI 155555-Edificio 025 Edificio Luis A. Stefani, DI 155556-Edificio 026 Ingeniería Industrial		
Estimated Construction Cost for the proposed development: \$_____ (required) Professional design and supervision fees have been computed based on the estimated construction cost mention above:		
PHASE	TIME	FEE
Basic Services:		
Assessment and Scope of Work Alignment <small>(Validates the damages, preliminary plans and cost estimate, development of the scope alignment and/or improved project strategy for submit to FEMA/COR3.)</small>	____ days	\$
Preliminary design	____ days	
Construction Documents	____ days	\$
Bidding and Negotiation	N/A	\$
Design Subtotal:	N/A	\$
Supervision:	____ months x \$____ monthly	\$
Basic Services TOTAL*:		\$
Additional Services: • As-Built	____ days	\$

Reimbursable Expenses**: For fees, stamps, and filing costs related to endorsements and permits from permit regulatory offices.	N/A	\$
_____ (\$ _____) Total GROUP: #09060 (Basic services total + As-Built + reimbursable expenses). Write the total amount in words and numbers.		
Additional SOW Fee % _____ (Design subtotal + Supervision) / Estimated Cost		

*The Basic Services will consider all the required permitting efforts with the state and federal agencies and the design of the Roof Waterproofing System with all its components.

**For Reimbursable Expenses, the UPR reserves the right to adjust the amount for their convenience. These services will be approved after submitting the proposal and order to proceed by the University.

It is requested to describe the possible Additional Services required for the scope of this project:

Description of the possible Additional Services
Lead and Asbestos sampling

The UPR establishes an amount of **\$15,000.00** for **Additional Services**.

The **Additional Services** includes an amount of **\$5,000.00** for lead and asbestos sampling. The UPR reserves the right to adjust the Additional Services. Please refer to Section 5.1.8 for additional information regarding additional services for this RFP and resulting contract.

COST PROPOSAL		
Group PW #08026 – Project 91478 DI 155574-Edificio 040 CID A Centro de Investigación y Desarrollo, DI 155583-Edificio 049 CID MU - Museo de Mecánica y Centro de Diseño, DI 155622-Edificio 048 CID D Estudio de Litoral, DI 209528-Edificio 040 A CID J Administración, DI 2099530-Edificio 040 B CID O Operación y Mantenimiento		
Estimated Construction Cost for the proposed development: \$_____ (required) Professional design and supervision fees have been computed based on the estimated construction cost mention above:		
PHASE	TIME	FEE
Basic Services:		
Assessment and Scope of Work Alignment (Validates the damages, preliminary plans and cost estimate, development of the scope alignment and/or improved project strategy for submit to FEMA/COR3.)	____ days	\$
Construction Documents	____ days	\$
Bidding and Negotiation	N/A	\$
Design Subtotal:	N/A	\$
Supervision:	____ months x \$____ monthly	\$
Basic Services TOTAL*:		\$
Additional Services: • As-Built	____ days	\$
Reimbursable Expenses**: For fees, stamps, and filing costs related to endorsements and permits from permit regulatory offices.	N/A	\$
_____ (\$_____)		
Total GROUP: #09034 (Basic services total + As-Built + reimbursable expenses). Write the total amount in words and numbers.		
Additional SOW Fee %_____ (Design subtotal + Supervision) / Estimated Cost		

*The Basic Services will consider all the required permitting efforts with the state and federal agencies and the design of the Roof Waterproofing System with all its components.

**For Reimbursable Expenses, the UPR reserves the right to adjust the amount for their convenience. These services will be approved after submitting the proposal and order to proceed by the University.

It is requested to describe other possible Additional Services required for the scope of this project:

Description of the possible Additional Services
Lead and Asbestos sampling

The UPR establishes an amount of **\$15,000.00** for **Additional Services**.

The **Additional Services** includes an amount of **\$6,000.00** for lead and asbestos sampling. The UPR reserves the right to adjust the Additional Services. Please refer to Section 5.1.8 for additional information regarding additional services for this RFP and resulting contract.

Fees for additional professional services will be calculated using the % Fee design for services (Design subtotal + Supervision) / Estimated Cost included on the Cost Proposal tables above and/or hours-based rate described below.

Fees for Professional Services	
	Fee per hour

The proponent acknowledges the receipt of the following **addenda** and, unless otherwise specified, accepts that changes required in these Addenda are included in the Proposal:

Addendum No. 1– Description: _____

Date _____

Initials _____

Addendum No. 2– Description: _____

Date _____

Addendum No. 3– Description: _____

Date _____

No Addendum was received in connection with this RFP. If no Addenda are received, check the box.

The bidder understands that the Owner reserves the right to reject any or all bids and to waive any informality in the bidding.

Dated: _____ day of _____ 20____.

Firm Name:	
Signed by:	_____ (Sign it in ink)
Name:	
Title:	
Employers Social Security:	
Mail Address:	
Physical Address:	
Phone Number:	
Fax Number:	
E-mail:	

Seal (if Bidder is a Corporation)

Initials _____

21. **APPENDIX E** **RESPONSE CHECKLIST**

Response Checklist

In response to this RFP, the proponent certifies that the following requirements are met. Interested proponents are required to submit the completed Appendix E – Response Checklist along with the proposal for this RFP. The Response Checklist must accurately represent the content of the submitted documents. Failure to submit the documentation as indicated in the Response Checklist will result in the automatic disqualification of the proponent from consideration. No exceptions will be made to this requirement.

- Registered for participation for this RFP at uprrecovery.rfp@upr.edu. **Failure to register via email will result in automatic disqualification.**
- Letter of Intent signed by an authorized representative of the organization, that states the acceptance of the Terms and Conditions of this RFP, providing the exact business name to conduct business with the UPR, address, telephone, e-mail address, and SAM Entity Identifier Number. In addition, the letter of intent must identify the name and number of the RFP and date of submittal.
- Active** Registration on SAM.gov.
- Completed and signed Appendix A - Statement of the Bidder.
- Completed Part 1 through 6 in the Statement of the Bidder, Appendix A.
- Attached resumes of all firm personnel teamwork (or/and sub-contractors, specialized trades consultants, if any) who will be providing the services.
- Completed additional SOW Fee Percentage (%) in Appendix D – Cost Proposal.
- If any space does not apply in Appendix D – Cost Proposal, (N/A) or other information shall be placed instead.
- Acknowledgement of the Addendums in Appendix D – Cost Proposal, if applicable.
- Signed** and **sealed** Appendix D – Cost Proposal following the instruction in Section 7 - REQUIRED DOCUMENTS FOR THE SUBMISSION OF THE PROPOSAL.
- Federal Documents in Appendix B (Lobbying Certification, Non-Conflict of Interest Certification and Limited Denial of Participation Affidavit).
- Color copy of the engineer's or architect's professional ID (Identificación de Colegiación) and a copy of the Department of State License.
- Copy of initialized RFP and its Appendices.
- Appendix E – Response Checklist.

22. APPENDIX F SCOPE OF WORK

I. GENERAL DATA OF THE PROJECT:

Campus: UPR Mayaguez Projects
Worksheets: 8374 / 08026 Damage
Inventories (DI):

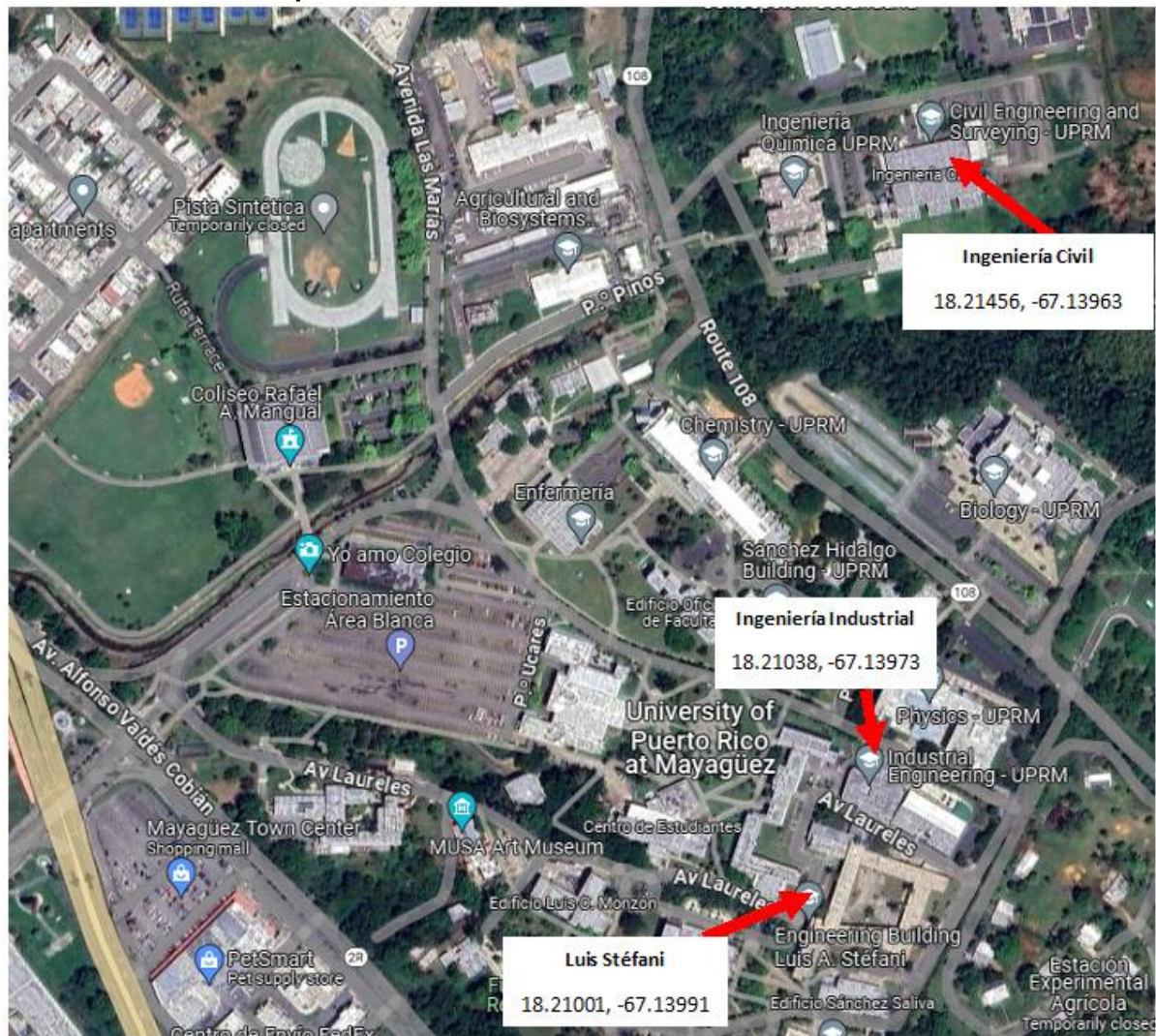
1. PW 8374: DI 155554-Edificio 024 Ingeniería Civil
2. PW 8374: DI 155555-Edificio 025 Edificio Luis A. Stefani
3. PW 8374: DI 155556-Edificio 026 Ingeniería Industrial
4. PW 8026: DI 155574-Edificio 040 CID A Centro de Investigación y Desarrollo
5. PW 8026: DI 155583-Edificio 049 CID MU - Museo de Mecánica y Centro de Diseño
6. PW 8026: PW 08026: DI 155622-Edificio 048 CID D Estudio de Litoral
7. PW 8026: DI 209528-Edificio 040 A CID J Administración
8. PW 8026: DI 209530-Edificio 040 B CID O Operación y Mantenimiento

II. LOCATION PLAN, PROJECT DESCRIPTIONS AND SCOPES:

Location Plan and architectural context

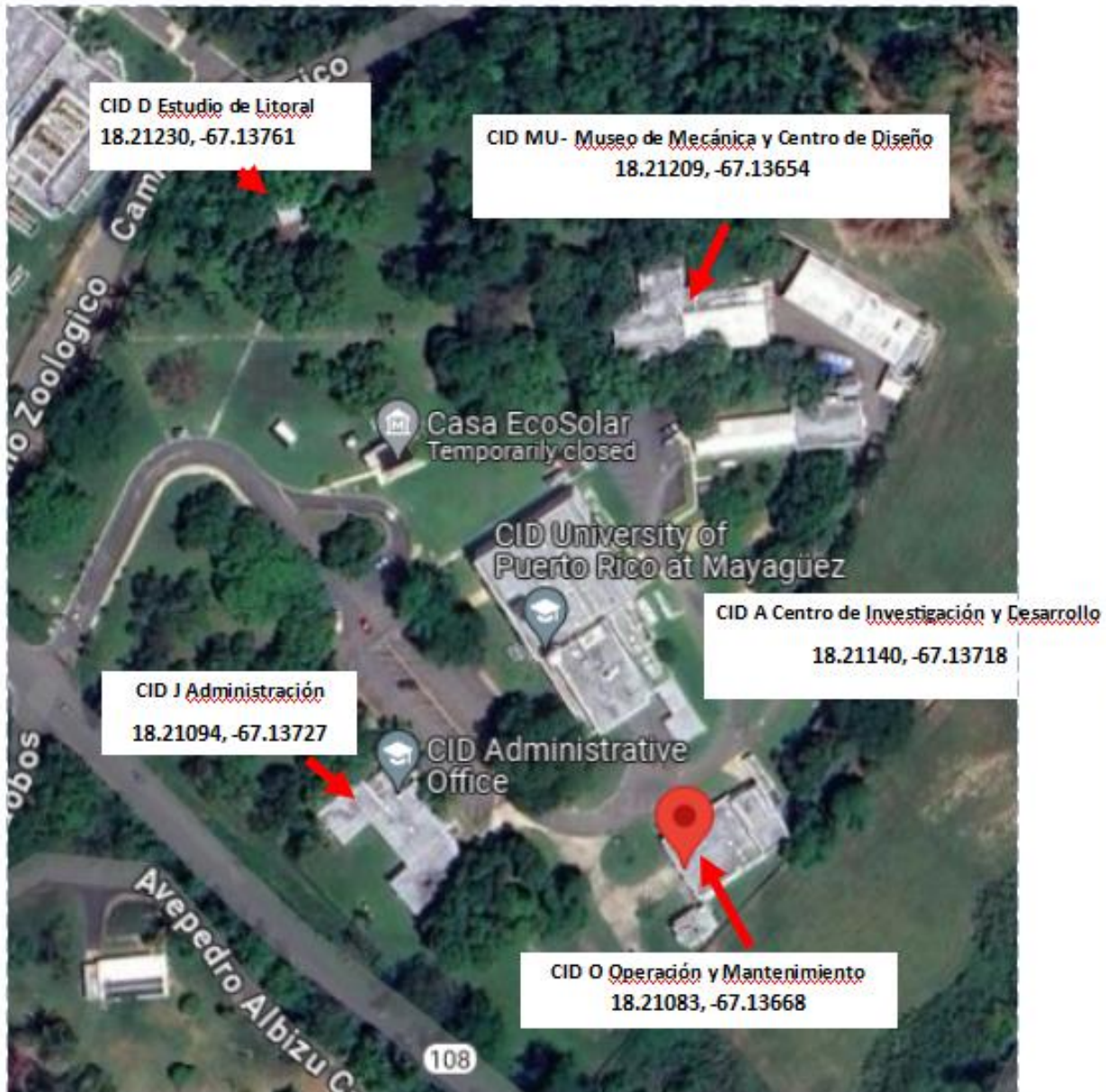
Two of the three buildings included in PW 8374 are located at the Main Campus of the University of Puerto Rico at Mayagüez (UPRM), while the third is located at the Engineering Complex. These are academic buildings of the College of Engineering. The five buildings included in PW 8026 are located at the Research and Development Center (R&DC). This is a unit of UPRM that is dedicated to the formal research activities performed at the institution. R&D facilities include spaces for direct research and its corresponding administrative and service activities.

PW 8374 Location map



- DI 15554-Edificio 024 Ingeniería Civil – This is an academic building that houses the Civil Engineering, Surveying and Topography Department. It has classrooms; academic and research laboratories; academic, administrative and research offices among other areas needed to the daily operation.
- DI 15555-Edificio 025 Edificio Luis A. Stefani - This is an academic building that houses the Civil Engineering, Surveying and Topography Department. It has classrooms; academic and research laboratories; academic, administrative and research offices, computer centers, an amphitheater, and common use areas, among other areas needed to the daily operation.
- DI 15556-Edificio 026 Ingeniería Industrial - This is an academic building that houses the Industrial Engineering, Department. It has classrooms; academic and research laboratories; academic, administrative and research offices, computer centers, an amphitheater, and common use areas, among other areas needed to the daily operation.

PW 8026 Location Map



- DI 155574-Edificio 040 CID A Centro de Investigación y Desarrollo- This is the main building of the R&D Center and is dedicated to direct research activities. This building has research laboratories, offices, warehouses and meeting rooms that provides supports to the research activities.
- DI 155583-Edificio 049 CID MU - Museo de Mecánica y Centro de Diseño - This building is used as exposition room for special vehicles developed at UPRM as part of the research activities of Engineering College. Besides, it has a work area for the research groups that participate in the design and development of such vehicles that are sent to highly renowned competitions.
- DI 155622-Edificio 048 CID D Estudio de Litoral – This building is used to provide support

to research activities developed in the Marines Sciences Department. It has research offices and storage areas.

- DI 209528-Edificio 040 A CID J Administración – This building is dedicated to the administrative tasks that support the research activities. It has administrative offices such as the Director Office, Purchases Office, Budget Office, Proposal Development Office, among other offices needed for the compliance of R&D administrative processes.
- DI 209530-Edificio 040 B CID O Operación y Mantenimiento – This building provides support to the physical infrastructure and Green áreas. It has maintenance workshops and warehouses.

In general terms, the scope of the project contemplates repair tasks to restore facilities to pre-disaster condition. The rehabilitation tasks consider surfaces treatment, roof waterproofing, openings, replacement of ceiling, VCT floors and bases and air conditioner units among other repairs and replacements.

III. Structures Description

1. DI 155554-Edificio 024 Ingeniería Civil

The Ingeniería Civil building is composed of a 58,100 SF, 3 story office and classroom building and an annex that serves as a materials laboratory, both constructed in 1977 (47 years old). The main building is a cast-in-place reinforced concrete structure with 1.5 FT parapets and 4 FT overhangs. The roof consists of a modified bitumen membrane over concrete. The interior includes reinforced CMU wall partitions. Interior finishes generally consist of suspended acoustic ceiling, plastered and painted walls and vinyl composition tile flooring. The annex is a 4,000 SF, 1 story laboratory building constructed with reinforced concrete and CMU walls with steel frame and metal roof. Most of the secondary buildings are an open-air facility with perimeter wall extending only a portion of the building height. Interior finishes generally consist of suspended acoustic ceiling, plastered and painted walls and vinyl composition tile flooring.

- **GPS Latitude/Longitude:** 18.21456, -67.13963



2. DI 155555-Edificio 025 Edificio Luis A. Stefani

The Edificio Luis A. Stefani building is a 113,037 SF, 7 story office and classroom building that was constructed in 1958 (66 years old). The building is a cast-in-place reinforced concrete with interior reinforced concrete block partition walls and secondary division gypsum board wall with a reinforced concrete floor slab on grade. The roof is built up roofing system. The interior includes reinforced CMU wall partitions. Interior finishes generally consist of suspended acoustic ceiling, plastered and painted walls and vinyl composition tile flooring.

- **GPS Latitude/Longitude:** 18.21001, -67.13991



3. DI 155556-Edificio 026 Ingeniería Industrial

The Ingeniería Industrial building is a 34,546 SF, 2 story office and classroom building that was constructed in 1983 (41 years old). The building is a cast-in-place reinforced concrete building with a bearing wall system. The concrete roof had a bituminous built-up roof system for an area of 19,649 SF. This building has a connection hallway bridge with classrooms on the second floor and the main street below. The interior includes reinforced concrete bearing walls and CMU walls as partitions with a reinforced concrete floor slab on grade. Interior finishes generally consist of suspended acoustic ceiling, painted concrete walls and concrete polished floor.

- **GPS Latitude/Longitude:** 18.21038, -67.13973



4. DI 155574-Edificio 040 CID A Centro de Investigación y Desarrollo

The "CID - A Centro de Investigación y Desarrollo" office building is a 46,890 SF, 3 story building constructed in 1948 (76 years old). The building is a cast, reinforced concrete building with a reinforced concrete roof with four separate bituminous built-up roof system with a four-foot roof parapet. The interior includes reinforced concrete bearing walls with a reinforced concrete floor slab on grade. Interior finishes generally consist of suspended acoustic ceiling, painted concrete or drywall and vinyl floor tile.

GPS Latitude/Longitude: 18.21140, -67.13718



5. DI 155583-Edificio 049 CID MU - Museo de Mecánica y Centro de Diseño

- The "CID MU - Museo de Mecánica y Centro de Diseño" is a 6,532 SF, 1 story classroom and workshop building that was constructed in 1948 (76 years old). The building is a CMU, reinforced concrete building with metal supports and metal bar joists. Part of the building has an aluminum panel roof covered by a bituminous built-up roof system for 3,993 SF of the bituminous roof. There is 2,509 SF of metal ribbed roofing. The interior includes reinforced concrete bearing walls with a reinforced concrete floor slab on grade. Interior finishes generally consist of suspended acoustic ceiling, painted concrete or drywall and vinyl floor tile. The building is a mechanical design center, museum, and annex for solar vehicles.

GPS Latitude/Longitude: 18.21209, -67.13654



6. DI 155622-Edificio 048 CID D Estudio de Litoral

The "CID D Estudio de Litoral" is a 796 SF, 2 story office building that was constructed in 1948 (76 years old). The main building is a two story, site cast, reinforced concrete building with a reinforced concrete roof with a bituminous built-up roof system and 2 feet concrete overhang for 864 SF of the roof. The front of the building appears to be one story as it is built on a slope. The rear is a two story with an exterior stairway on the West. The interior includes reinforced concrete bearing walls with reinforced concrete floor slab on grade. To the East of the main concrete roof building, there is an addition of a concrete room of approximately 160 SF attached to it with galvanized ribbed steel roof with the wall flushing on the back. Interior finishes generally consist of suspended acoustic ceiling or painted plaster concrete ceiling, painted concrete or drywall and vinyl floor tile.

GPS Latitude/Longitude: 18.21230, -67.13761



7. DI 209528-Edificio 040 A CID J Administración

The "CID J Administración" building is a 6,100 SF, 1 story building that was constructed in 1948 (76 years old). The building is a cast, reinforced concrete building with a reinforced concrete roof with an elastomeric coating roof system. The interior includes reinforced concrete bearing walls with a reinforced concrete floor slab on grade. Interior finishes generally consist of suspended acoustic ceiling, painted concrete, cubicle panel or drywall and vinyl floor tile.

GPS Latitude/Longitude: 18.21094, -67.13727



8. DI 209530-Edificio 040 B CID O Operación y Mantenimiento

The "CID O Operación y Mantenimiento" is a 5,100 SF, 1 story office and workshop building that was constructed in 1948 (76 years old). The structure is a site cast, reinforced concrete building with a reinforced concrete roof with a bituminous built-up roof system over a two-foot roof overhang behind the building. The interior includes reinforced concrete bearing walls with a reinforced concrete floor slab on grade. Interior finishes generally consist of suspended acoustic ceiling, painted concrete or drywall and vinyl floor tile.

GPS Latitude/Longitude: 18.21083, -67.13668



a. SCOPE OF WORK- FEMA

The project considers two project worksheets (0374 & 08026) that will impact eight buildings: located at the Main Campus (2), the Engineering Complex (1) and the Research & Development Center (5) of the University of Puerto Rico at Mayaguez. In general terms, the scope of the project contemplates repair tasks to restore facilities to pre-disaster condition. The rehabilitation tasks consider the repairs and replacement detailed in the following tables.

PW 8374: Detailed FEMA scope of work

1. DI 155554 UPR Mayaguez Edificio 024 Ingeniería Civil

Public Assistance

{00-001} Main Building:	QTY	UOM
A. Prepare and paint, Building Exterior, 5,000 SF.	5000	SF
B. Remove and replace, 1,200 SF of ceiling, concrete (crack) plaster.	1200	SF
C. Remove and replace, 1 each of light, high pressure sodium, wall pack, 250W.	1	EA

D. Remove and replace, 1 each of window, aluminum jalousie 3 FT x 5 FT.	1	EA
{00-003} Roofing System:		
A. Remove and replace, 39,375 SF of BUR, 175 FT long x 225 FT wide.	39375	SF
B. Remove and replace, 10 each of AC, compressor units, 3 TON.	10	EA
{00-004} General:		
A. Prepare and paint, 23,740 SF of building interior surfaces.	23740	SF
B. Remove and replace, 1 each of rolling door, 12 LF Wx 12 LF H.	1	EA
{01-006} Third Floor Room 200 Meeting Room (16 FT x 20 FT):		
A. Replace, 12 SF of ceiling, 2 FT x 2 FT acoustic tile.	12	SF
{01-008} Third Floor Room 209 (12 FT x 12 FT):		
A. Replace, 8 SF of ceiling, 2 FT x 2 FT acoustic tile.	8	SF
{01-009} Third Floor Room 212 Bano (6 FT x 6 FT):		
A. Remove and replace, base, 4 IN vinyl, 12 LF long.	12	LF
{01-011} Third Floor Room 213 Bano (6 FT x 6 FT):		
A. Replace, 4 SF of ceiling, 2 FT x 2 FT acoustic tile.	4	SF
{01-012} Third Floor Room 207 Office (10 FT x 12 FT):		
A. Replace, 4 SF of ceiling, 2 FT x 2 FT acoustic tile.	4	SF
{01-013} Third Floor Room 206 Office (10 FT x 12 FT):		
A. Replace, 4 SF of ceiling, 2 FT x 2 FT acoustic tile.	4	SF
B. Remove and replace, 1 each of AC, split system, 12,000 BTU.	1	EA
{01-015} Third Floor Room 204 Office (10 FT x 11 FT):		

A. Replace, 16 SF of ceiling, 2 FT x 2 FT acoustic tile.	16	SF
{01-016} Third Floor Room 203 Office (10 FT x 11 FT):		
A. Replace, 12 SF of ceiling, 2 FT x 2 FT acoustic tile.	12	SF
{01-017} Third Floor Room 202 Office (10 FT x 11 FT):		
A. Replace, 4 SF of ceiling, 2 FT x 2 FT acoustic tile.	4	SF
{01-018} Third Floor Room 201 Lobby(10 FT x 11 FT):		
A. Remove and replace, 12 SF of floor, VCT, 12 IN x 12 IN.	12	SF
{01-019} Third Floor Interior Corridor (4 FT x 40 FT) + (4 FT x 12 FT) + (4 FT x 16 FT):		
A. Remove and replace, 3 SF of floor, VCT, 12 IN x 12 IN.	3	SF
{01-019} Third Floor Interior Corridor (4 FT x 40 FT) + (4 FT x 12 FT) + (4 FT x 16 FT):		
A. Replace, 32 SF of ceiling, 2 FT x 4 FT acoustic tile.	32	SF
{01-020} Third Floor Exterior Corridor (10 FT x 65 FT):		
A. Remove and replace, 5 each of light, 1 FT x 4 FT fluorescent.	5	EA
{03-022} Second Floor CI 105 Office Entrance (6 FT x 15 FT):		
A. Replace, 32 SF of ceiling, 2 FT x 2 FT acoustic tile.	32	SF
B. Remove and replace, 20 SF of floor, VCT, 12 IN x12 IN.	20	SF
{03-024} Second Floor CI 105 C (16 FT x 16 FT):		
A. Replace, 20 SF of ceiling, 2 FT x 2 FT acoustic tile.	20	SF
{03-025} Second Floor CI 105 C1 (12 FT x 20 FT):		
A. Replace, 20 SF of ceiling, 2 FT x 2 FT acoustic tile.	20	SF
{03-027} Second Floor CI 105 C4 (14 FT x 20 FT):		

A. Replace, 4 SF of ceiling, 2 FT x 2 FT acoustic tile.	4	SF
{03-028} Second Floor CI 105 A(16 FT x 26 FT):		
A. Replace, 24 SF of ceiling, 2 FT x 2 FT acoustic tile.	24	SF
{03-029} Second Floor CI 105 A3 (16 FT x 18 FT):		
A. Replace, 20 SF of ceiling, 2 FT x 2 FT acoustic tile.	20	SF
{03-030} Second Floor CI 105 A1 Office (12 FT x 12 FT):		
A. Replace, 20 SF of ceiling, 2 FT x 2 FT acoustic tile.	20	SF
{03-032} Second Floor CI 104 Entrance Corridor (6 FT x 52 FT):		
A. Replace, 156 SF of ceiling, 2 FT x 2 FT acoustic tile.	156	SF
{03-033} Second Floor CI 115 A Entrance Corridor (6 FT x 20 FT):		
A. Replace, 12 SF of ceiling, 2 FT x 2 FT acoustic tile.	12	SF
B. Remove and replace, 10 SF of floor, VCT, 12 IN x 12 IN.	10	SF
{03-034} Second Floor CI 115 A1 Office (10 FT x 12 FT):		
A. Replace, 8 SF of ceiling, 2 FT x 4 FT acoustic tile.	8	SF
B. Remove and replace, 10 SF of floor, VCT, 12 IN x 12 IN.	10	SF
{03-035} Second Floor CI 115 A2 Office (10 FT x 12 FT):		
A. Replace, 6 SF of ceiling, 2 FT x 2 FT acoustic tile, suspended.	6	SF
{03-036} Second Floor CI 115 B Classroom (20 FT x 35 FT):		
A. Replace, 700 SF of ceiling, 2 FT x 2 FT acoustic tile.	700	SF
B. Remove and replace, 80 SF of floor, VCT, 12 IN x 12 IN.	80	SF
{03-038} Second Floor CI 104 (12 FT x 14 FT):		

A. Replace, 32 SF of ceiling, 2 FT x 2 FT acoustic tile.	32	SF
{03-039} Second Floor CI 104 B (12 FT x 16 FT):		
A. Replace, 8 SF of ceiling, 2 FT x 2 FT acoustic tile.	8	SF
{03-039} Second Floor CI 104 B (12 FT x16 FT):		
A. Remove and replace, 24 SF of floor, VCT, 12 IN x 12 IN.	24	SF
{03-040} Second Floor CI 104 B1 Office (12 FT x 14 FT):		
A. Replace, 4 SF of ceiling, 2 FT x 2 FT acoustic tile.	4	SF
B. Remove and replace, 8 SF of floor, VCT, 12 IN x 12 IN.	8	SF
{03-041} Second Floor CI 104 B2 Office (12 FT x 14 FT):		
A. Replace, 8 SF of ceiling, 2 FT x 2 FT acoustic tile.	8	SF
B. Remove and replace, 168 SF of floor, VCT, 12 IN x 12 IN.	168	SF
{03-042} Second Floor Construction Lab (84 FT x 78 FT):		
A. Remove and replace, 60 each of light, 1 FT x 4 FT.	60	EA
{03-043} Second Floor Room 102 MOffice (8 FT x 14 FT) inside Construction Lab:		
A. Replace, 24 SF of ceiling, 2 FT x 2 FT acoustic tile.	24	SF
B. Remove and replace, 112 SF of floor, VCT, 12 IN x 12 IN.	112	SF
{03-044} Second Floor Room 102 L Office (10 FT x 14 FT) inside Construction Lab:		
A. Replace, 40 SF of ceiling, 2 FT x 2 FT acoustic tile.	40	SF
{03-045} Second Floor Room 102 K Office (10 FT x 14 FT) inside Construction Lab:		
A. Replace, 8 SF of ceiling, 2 FT x 2 FT acoustic tile.	8	SF
{03-046} Second Floor Room 102 J Office (10 FT x 14 FT) inside Construction Lab:		

A. Replace, 24 SF of ceiling, 2 FT x 2 FT acoustic tile.	24	SF
B. Remove and replace, 128 SF of floor, VCT 12 IN x 12 IN.	128	SF
03-48 } Second Floor Room 102 P Investigation Lab (22 FT x 44 FT) inside Construction Lab:		
A. Replace, 24 SF of ceiling, 2 FT x 2 FT acoustic tile.	24	SF
B. Remove and replace, 50 SF of 5/8 IN drywall.	50	SF
C. Remove and replace, pipe, 4 IN cast iron, clog, 50 LF long.	50	LF
D. Remove and replace, 10 SF of floor, VCT, 12 FT x 12 IN.	10	SF
{03-052} Second Floor Amphitheater Entrance (14 FT x 40 FT):		
A. Replace, 40 SF of ceiling, 2 FT x 2 FT acoustic tile.	40	SF
{03-053} Second Floor Room 103 Amphitheater (40 FT x 60 FT):		
A. Remove and replace, 520 SF of ceiling, architectural wood tile, 12 IN x 12 IN.	520	SF
B. Remove and replace, 200 SF of wall, wood panels.	200	SF
C. Remove and replace, 1 each of light, 6 IN DIA.	1	EA
D. Remove and replace, 2,400 SF of floor, carpet.	2400	SF
{03-054} Second Floor Room 102 Entrance Corridor (6 FT x 66 FT):		
A. Replace, 32 SF of ceiling, 2 FT x 4 FT acoustic tile.	32	SF
{03-055} Second Floor Room 102 G Lab (26 FT x 42 FT):		
A. Replace, 160 SF of ceiling, 2 FT x 4 FT acoustic tile.	160	SF
B. Remove and replace, 260 SF of floor, VCT, 12 IN x 12 IN.	260	SF
{03-056} Second Floor Room 102 B (4 FT x 10 FT):		
A. Replace, 4 SF of ceiling, 2 FT x 2 FT acoustic tile.	4	SF

{03-057} Second Floor Room 102 A1 (10 FT x 18 FT):		
A. Replace, 48 SF of ceiling, 2 FT x 2 FT acoustic tile.	48	SF
B. Remove and replace, 2 each of AC returns, 2 FT x 2 FT metal.	2	EA
{03-058} Second Floor Room 102 C (10 FT x 14 FT):		
A. Replace, 24 SF of ceiling, 2 FT x 2 FT acoustic tile.	24	SF
B. Remove and replace, 1 each of AC return, 2 FT x 2 FT, metal.	1	EA
{03-059} Second Floor Room 102 G2 (10 FT x 16 FT):		
A. Replace, 48 SF of ceiling, 2 FT x 4 FT acoustic tile.	48	SF
{03-060} Second Floor Room 102 D (10 FT x 14 FT):		
A. Replace, 8 SF of ceiling, 2 FT x 2 FT acoustic tile.	8	SF
{03-061} Second Floor Room 102 F (16 FT x 26 FT):		
A. Replace, 416 SF of ceiling, 2 FT x 4 FT acoustic tile.	416	SF
{03-064} Second Floor Room 102 E1 (26 FT x 36 FT):		
A. Replace, 80 SF of ceiling, 2 FT x 2 FT acoustic tile.	80	SF
{03-065} Second Floor Room 101 (18 FT x 28 FT):		
A. Replace, 192 SF of ceiling, 2 FT x 2 FT acoustic tile.	192	SF
B. Remove and replace, 50 SF of floor, VCT, 12 IN x 12 IN.	50	SF
{03-066} Second Floor Room 101 D (10 FT x 12 FT):		
A. Replace, 8 SF of ceiling, 2 FT x 2 FT acoustic tile.	8	SF
{03-067} Second Floor Room 101 F (11 FT x 28 FT):		
A. Replace, 40 SF of ceiling, 2 FT x 2 FT acoustic tile.	40	SF

{03-068} Second Floor Room 101 C (14 FT x 22 FT):		
A. Replace, 16 SF of ceiling, 2 FT x 2 FT acoustic tile.	16	SF
{03-069} Second Floor Room 101 B (10 FT x 12 FT):		
A. Replace, 4 SF of ceiling, 2 FT x 2 FT acoustic tile.	4	SF
{03-070} Second Floor Room 101 A(10 FT x 12 FT):		
A. Replace, 16 SF of ceiling, 2 FT x 2 FT acoustic tile.	16	SF
{03-071} Second Floor Room 111 (25 FT x 30 FT):		
A. Replace, 56 SF of ceiling, 2 FT x 2 FT acoustic tile.	56	SF
B. Remove and replace, Building Interior, 20 SF of ceiling, concrete patch.	20	SF
C. Remove and replace, Building Interior, window, seal, 55 LF long.	55	LF
D. Remove and replace, base, 4 IN vinyl, 50 LF long.	50	LF
{03-072} Second Floor Room 112 Classroom (25 FT x 30 FT):		
A. Replace, 24 SF of ceiling, 2 FT x 2 FT acoustic tile.	24	SF
B. Remove and replace, 9 SF of ceiling, concrete patch.	9	SF
C. Remove and replace, base, 4 IN vinyl, 20 LF long.	20	LF
{03-073} Second Floor Room 110 Classroom (25 FT x 30 FT):		
A. Replace, 24 SF of ceiling, 2 FT x 2 FT acoustic tile.	24	SF
B. Remove and replace, 3 each of light, 1 FT x 4 FT fluorescent.	3	EA
C. Remove and replace, 6 SF of wall, concrete plaster patch.	6	SF
D. Remove and replace, 6 SF of floor, VCT, 12 IN x 12 IN.	6	SF
{03-074} Second Floor Room 109 Classroom (25 FT x 30 FT):		

A. Replace, 24 SF of ceiling, 2 FT x 2 FT acoustic tile.	24	SF
B. Remove and replace, 2 SF of wall, concrete plaster patch.	2	SF
C. Remove and replace, base, 4 IN vinyl, 25 LF long.	25	LF
D. Remove and replace, 20 SF of floor, VCT, 12 IN x 12 IN.	20	SF
{03-075} Second Floor Room 108 Computer Classroom (30 FT x 40 FT):		
A. Replace, 48 SF of ceiling, 2 FT x 2 FT acoustic tile.	48	SF
B. Remove and replace, 6 SF of ceiling, concrete patch.	6	SF
C. Remove and replace, 10 SF of wall, concrete plaster.	10	SF
D. Remove and replace, base, 4 IN vinyl, 50 LF long.	50	LF
E. Remove and replace, 20 SF of floor, VCT, 12 IN x 12 IN.	20	SF
{03-078} Second Floor Exterior Corridor (9 FT x 290 FT):		
A. Replace, 2,340 SF of ceiling, 2 FT x 4 FT acoustic tile.	2340	SF
B. Remove and replace, 5 each of light, 2 FT x 4 FT fluorescent.	5	EA
{04-079} First Floor Room 23 (12 FT x 20 FT):		
A. Replace, 240 SF of ceiling, 2 FT x 4 FT acoustic tile.	240	SF
{04-081} First Floor Room 18 (40 FT x 66 FT):		
A. Replace, 40 SF of ceiling, 2 FT x 2 FT acoustic tile.	40	SF
B. Remove and replace, 12 each of AC returns, 2 FT x 2 FT metal.	12	EA
C. Remove and replace, 480 SF of floor, VCT, 12 IN x 12 IN.	480	SF
{04-082} First Floor Room 18 A(18 FT x 18 FT):		
A. Replace, 40 SF of ceiling, 2 FT x 2 FT acoustic tile.	40	SF
B. Remove and replace, 22 SF of floor, VCT, 12 IN x 12 IN.	22	SF

{04-083} First Floor Room 18 B (16 FT x 24 FT):		
A. Replace, 32 SF of ceiling, 2 FT x 2 FT acoustic tile.	32	SF
B. Remove and replace, 2 each of AC returns, metal.	2	EA
C. Remove and replace, 12 SF of floor, VCT, 12 IN x 12 IN.	12	SF
{04-084} First Floor Room 18 C (12 FT x 16 FT):		
A. Replace, 12 SF of ceiling, 2 FT x 2 FT acoustic tile	12	SF
B. Remove and replace, 12 SF of floor, VCT, 12 IN x 12 IN.	12	SF
{04-085} First Floor Room 17 (20 FT x 29 FT):		
A. Replace, 40 SF of ceiling, 2 FT x 2 FT acoustic tile.	40	SF
B. Remove and replace, 200 SF of floor, VCT, 12 IN x 12 IN.	200	SF
{04-086} First Floor Corridor/Professor (6 FT x 44 FT):		
A. Replace, 40 SF of ceiling, 2 FT x 2 FT acoustic tile.	40	SF
B. Remove and replace, 100 SF of floor, VCT, 12 IN x 12 IN.	100	SF
{04-087} First Floor Room 13 (13 FT x 15 FT):		
A. Replace, 20 SF of ceiling, 2 FT x 2 FT acoustic tile.	20	SF
B. Remove and replace, 8 SF of floor, VCT, 12 IN x 12 IN.	8	SF
{04-088} First Floor Room 14 (10 FT x 15 FT):		
A. Replace, 8 SF of ceiling, 2 FT x 2 FT acoustic tile.	8	SF
B. Remove and replace, 2 SF of floor, VCT, 12 IN x 12 IN.	2	SF
{04-089} First Floor Room 15 (12 FT x 21 FT):		
A. Replace, 16 SF of ceiling, 2 FT x 2 FT acoustic tile.	16	SF

B. Remove and replace, 10 SF of floor, VCT, 12 IN x 12 IN.	10	SF
{04-090} First Floor Room 12 (22 FT x 25 FT):		
A. Replace, 200 SF of ceiling, 2 FT x 4 FT acoustic tile.	200	SF
B. Remove and replace, 160 SF of floor, VCT, 12 IN x 12 IN.	160	SF
{04-091} First Floor Room 11 C (13 FT x 20 FT):		
A. Replace, 32 SF of ceiling, 2 FT x 2 FT acoustic tile.	32	SF
B. Remove and replace, 4 SF of floor, VCT, 12 IN x 12 IN.	4	SF
{04-092} First Floor Room 11 A(16 FT x 18 FT):		
A. Replace, 16 SF of ceiling, 2 FT x 2 FT acoustic tile.	16	SF
B. Remove and replace, 1 each of window, 3 FT x 5 FT.	1	EA
C. Remove and replace, 1 each of door & frame, HC, wood frame, painted, 3 FT x 7 FT.	1	EA
D. Remove and replace, 8 SF of floor, VCT, 12 IN x 12 IN.	8	SF
{04-093} First Floor Room 11 B (10 FT x 15 FT):		
A. Remove and replace, 8 SF of floor, VCT, 12 IN x 12 IN.	8	SF
{04-093} First Floor Room 11 B (10 FT x 15) FT:		
A. Replace, 16 SF of ceiling, 2 FT x 2 FT acoustic tile.	16	SF
{04-094} First Floor Room 10 (20 FT x 30 FT):		
A. Replace, 120 SF of ceiling, 2 FT x 2 FT acoustic tile.	120	SF
B. Remove and replace, 3 each of light, 2 FT x 4 FT fluorescent.	3	EA
C. Remove and replace, 600 SF of floor, VCT, 12 FT x 12 IN.	600	SF
{04-095} First Floor Room 10A(10 FT x 16 FT):		

A. Replace, 12 SF of ceiling, 2 FT x 2 FT acoustic tile.	12	SF
B. Remove and replace, 1 each of door & base, HC, wood frame, painted, 3 FT x 7 FT.	1	EA
C. Remove and replace, 160 SF of floor, VCT, 12 IN x 12 IN.	160	SF
{04-096} First Floor Room 10B (10 FT x 16 FT):		
A. Replace, 72 SF of ceiling, 2 FT x 2 FT acoustic tile.	72	SF
B. Remove and replace, 1 each of door & frame, HC, wood frame, painted, 3 FT x 7 FT.	1	EA
{04-097} First Floor Room 09 (16 FT x 30 FT):		
A. Replace, 16 SF of ceiling, 2 FT x 4 FT acoustic tile.	16	SF
B. Remove and replace, 300 SF of floor, VCT, 12 IN x 12 IN.	300	SF
{04-098} First Floor Room 09A(10 FT x 36 FT):		
A. Replace, 32 SF of ceiling, 2 FT x 4 FT acoustic tile.	32	SF
B. Remove and replace, 70 SF of floor, VCT, 12 IN x12 IN.	70	SF
{04-099} First Floor Room 09B (16 FT x 20 FT):		
A. Replace, 32 SF of ceiling, 2 FT x 2 FT acoustic tile.	32	SF
{04-102} First Floor Room 06 (10 FT x 20 FT):		
A. Replace, 64 SF of ceiling, 2 FT x 4 FT acoustic tile.	64	SF
{04-103} First Floor Room 07 Lab (13 FT x 24 FT):		
A. Replace, 78 SF of ceiling, 2 FT x 4 FT acoustic tile.	78	SF
{04-104} First Floor Room 01 Classroom (20 FT x 26 FT):		
A. Replace, 130 SF of ceiling, 2 FT x 4 FT acoustic tile.	130	SF
B. Remove and replace, 3 each of light, 2 FT x 4 FT fluorescent.	3	EA

C. Remove and replace, 12 SF of floor, VCT, 12 IN x 12 IN.	12	SF
D. Remove and replace, base, 4 IN vinyl, 30 LF long.	30	LF
{04-105} First Floor Room 02 Classroom (20 FT x 26 FT):		
A. Replace, 260 SF of ceiling, 2 FT x 4 FT acoustic tile.	260	SF
B. Remove and replace, base, 4 IN vinyl, 92 LF long.	92	LF
C. Remove and replace, 520 SF of floor, VCT, 12 IN x 12 IN.	520	SF
{04-106} First Floor Room 03 Classroom (20 FT x 20 FT):		
A. Replace, 200 SF of ceiling, 2 FT x 4 FT acoustic tile.	200	SF
B. Remove and replace, 400 SF of floor, VCT, 12 IN x 12 IN.	400	SF
{04-107} First Floor Room 04 Classroom (20 FT x 26 FT):		
A. Replace, 24 SF of ceiling, 2 FT x 4 FT acoustic tile.	24	SF
B. Remove and replace, 2 each of light, 2 FT x 4 FT fluorescent.	2	EA
C. Remove and replace, 260 SF of floor, VCT, 12 IN x 12 IN.	260	SF
{04-108} First Floor Room 05 Office (10 FT x 13 FT):		
A. Replace, 32 SF of ceiling, 2 FT x 4 FT acoustic tile.	32	SF
B. Remove and replace, 130 SF of floor, VCT, 12 IN x 12 IN.	130	SF
{04-109} First Floor Room 19 A Computer Lab (25 FT x 40 FT):		
A. Replace, 160 SF of ceiling, 2 FT x 4 FT acoustic tile.	160	SF
B. Remove and replace, 2 each of light, 2 FT x 4 FT fluorescent.	2	EA
C. Remove and replace, 250 SF of floor, VCT, 12 IN x 12 IN.	250	SF
{04-111} First Floor Exterior Corridor (9 FT x 290 FT):		
A. Replace, 1,952 SF of ceiling, 2 FT x 4 FT acoustic tile.	1952	SF

B. Remove and replace, 3 each of light, 2 FT x 4 FT fluorescent.	3	EA
{04-113} First Floor Room 20 (26 FT x 40 FT):		
A. Replace, 780 SF of ceiling, 2 FT x 2 FT acoustic tile.	780	SF
B. Remove and replace, 3 each of light, 2 FT x 4 FT fluorescent.	3	EA
C. Remove and replace, 1 each of door & frame, HM, wood frame, full fixed louver vent, 6 FT x 7 FT.	1	EA
D. Remove and replace, 780 SF of floor, VCT, 12 IN x 12 IN.	780	SF
{06-115} Annex Building Strong Floor Lab (40 FT x 100 FT):		
A. Remove and replace, 1 each of overhead door, metal, security type (10 FT x 12 FT).	1	EA
B. Remove and replace, 4 each of light, metal halide lamp, 400W.	4	EA

Hazard Mitigation

Description	QTY	UOM
1. Roof Mitigation		
a. Install 39,375 SF of SBS 4-ply waterproofing system	39375	SF
b. Install 39,375 SF of insulation or light weight cementitious fill sloped to facilitate drainage	39375	SF
c. Install 1,202 LF of termination bar on roof edges and cap flashing to prevent uplift of the roof membrane	1202	LF
2. Window Mitigation		
a. Remove and replace 8 EA - 2' W x 3' H (48 SF) Single hung windows using impact resistant single hung windows.	8	EA
b. Remove and replace 36 EA - 5' W x 3' H (540 SF) Sliding glass windows using impact resistant sliding glass windows.	36	EA
c. Replace 1 EA - 5' W x 5' H - (25 SF) Louver using impact resistant aluminum Louver window	1	EA
3. Door Mitigation		
a. Install 44 each of weatherstripping	44	EA
b. Remove and replace 37 EA doors, using exterior, steel, commercial, flush, 20 ga., 1-3/4" x 7'-0" x 3'-6" wide	37	EA
4. A/C Unit Mitigation:		
a. Install on 10 EA - 3 Ton A/C package unit anchoring system	10	EA

Bipartisan Budget Act

Description	QTY	UOM
A. Install 30 ceiling mounted occupancy sensors.	30	EA

2. DI 155555 UPR Mayaguez Edificio 025 Edificio Luis A. Stefani

Public Assistance

Description	QTY	EA
{00-001} General:		
B.Remove and replace, with in-kind repair/replacement ,1 each of satellite equipment.	1	EA
D. Prepare and paint, with "in-kind repair/replacement", 294,000 SF of building exterior surfaces.	294000	SF
E.Remove and replace, with in-kind repair/replacement, electrical, conduit, PVC, 2 IN, 75 LFlong.	75	LF
F.Remove and replace, with in-kind repair/replacement, electrical, conduit, rigid, 3 IN, 75 LFlong.	75	LF
G.Remove and replace, with in-kind repair/replacement, electrical, conduit, rigid, 2 IN, 75 LFlong.	75	LF
H.Remove and replace, with in-kind repair/replacement, 1 each of AC, 5 Ton.	1	EA
I.Remove and replace, with in-kind repair/replacement ,1 each of AC, 3 Ton.	1	EA
J. Remove and replace, with in-kind repair/replacement ,1 each of AC, 2 Ton.	1	EA
K.Remove and replace, with in-kind repair/replacement ,1 each of AC, 1.5 Ton.	1	EA
L. Remove and replace, with in-kind repair/replacement ,1 each of antenna.	1	EA
{00-002} Roof:		
A. Remove and replace, with in-kind repair/replacement, 44,200 SF of 4- ply SBS roofing membrane.	44200	SF
{00-003} General:		
A. Prepare and paint, "in-kind repair/replacement", 201,600 SF of interior surfaces.	201600	SF
{00-006} Room 703 (8 FT x 11 FT) - 88 SF:		

A. Replace, with in-kind repair/replacement, 16 SF of ceiling, 2 FT x 2 FT acoustic tile.	16	SF
B. Remove and replace, "in-kind repair/replacement", 2 SF of VCT, 12 IN x 12 IN.	2	SF
{00-007} Room 704 (8 FT x 12 FT) - 96 SF:		
A. Remove and replace, "in-kind repair/replacement", 15 SF of wall, 1/4 IN thick plaster, painted.	15	SF
B. Remove and replace, "in-kind repair/replacement", 20 SF of VCT, 12 IN x 12 IN.	20	SF
{00-009} Room 706 Hallway (3 FT x 26 FT) & 6 FT x 16 FT) - 174 SF:		
A. Replace, 20 SF of ceiling, 2 FT x 2 FT acoustic tile.	20	EA
B. Remove and replace, with in-kind repair/replacement, 1 CF of concrete jamb.	1	CF
C. Remove and replace, "in-kind repair/replacement", 2 SF of VCT, 12 IN x 12 IN.	2	SF
{01-010} Sixth Floor Room 603 (12 FT x 15 FT) - 180 SF:		
A. Replace, with in-kind repair/replacement, 16 SF of ceiling, 2 FT x 2 FT acoustic tile.	16	SF
{01-012} Sixth Floor Room 605 (12 FT x 15 FT) - 180 SF:		
A. Remove and replace, "in-kind repair/replacement", 50 SF of wall, 1/4 IN thick plaster, painted.	50	SF
{01-017} Sixth Floor Room 610 (9 FT x 15 FT) - 135 SF:		
A. Replace, with in-kind repair/replacement, 16 SF of ceiling, 2 FT x 2 FT acoustic tile.	16	SF
{01-019} Sixth Floor Room 612 (9 FT x 15 FT) - 135 SF:		
A. Replace, with in-kind repair/replacement, 12 SF of ceiling, 2 FT x 4 FT acoustic tile.	12	SF
{01-022} Sixth Floor Room 615 Damas (6 FT x 15 FT) - 90 SF:		
A. Remove and replace, with in-kind repair/replacement, 1 each of light, fluorescent surface mount, 2 tube, 1 FT x 4 FT.	1	EA
B. Remove and replace, with in-kind repair/replacement, 32 SF of ceiling, drywall.	32	SF

{01-024} Sixth Floor Sixth Floor Hallway(5 FT x 168 FT) - 840 SF:		
A.Remove and replace, with in-kind repair/replacement ,28SF of ceiling, 1/4IN thick plaster, painted.	28	SF
B.Remove and replace, with in-kind repair/replacement ,24SF of wall, 1/4IN thick plaster, painted.	24	SF
C. Remove and replace, with in-kind repair/replacement ,1 each of light, 1 FTx4FT fluorescent.	1	EA
{02-039} Fifth Floor Room 516 (13 FT x 18 FT) - 234 SF:		
A. Replace, with in-kind repair/replacement ,4SF of ceiling, 2FTx2FT, acoustic suspended.	4	SF
B.Remove and replace, with in-kind repair/replacement ,1 each of light, 2FTx4FT fluorescent.	1	EA
{02-040} Fifth Floor Fifth Floor Hallway(5 FT x 168 FT) - 840 SF:		
A. Remove and replace, with in-kind repair/replacement ,8 SF of ceiling, 1/4 IN thick plaster, painted.	8	SF
{03-045} Fourth Floor Room 404 (12 FT x 15 FT) - 180 SF:		
A. Replace, with in-kind repair/replacement ,12 SF of ceiling, 2 FT x 4 FT acoustic tile.	12	SF
{03-048} Fourth Floor Room 407 (9 FT x 15 FT) - 135 SF:		
A. Replace, with in-kind repair/replacement ,8SF of ceiling, 2FTx4FT acoustic tile.	8	SF
B.Remove and replace, with in-kind repair/replacement base, 4IN vinyl, 48LF long.	48	LF
{03-052} Fourth Floor Room 411 (9 FT x 15 FT) - 135 SF:		
A. Replace, with in-kind repair/replacement ,16 SF of ceiling, 2 FT x 4 FT acoustic tile.	16	SF
{03-055} Fourth Floor Room 414 (9 FT x 15 FT) - 135 SF:		
A. Replace, with in-kind repair/replacement, 8SF of ceiling, 2FTx4FT acoustic tile.	8	SF
B.Remove and replace, with in-kind repair/replacement ,1 each of lighting, 2FTx2FT, fluorescent.	1	EA

{04-061} Third Floor Room AZ2 (24 FT x 24 FT) - 576 SF:		
A. Remove and replace, "in-kind repair/replacement", 10 SF of ceiling, 1/4 IN thick plaster, painted.	10	SF
{04-064} Third Floor Room 302 (6 FT x 7 FT) - 42 SF:		
A. Remove and replace, "in-kind repair/replacement", 4 SF of ceiling, 1/4 IN thick plaster, painted.	4	SF
{04-072} Third Floor Room 311 (24 FT x 34 FT) - 816 SF:		
A. Replace, with in-kind repair/replacement, 816 SF of ceiling, 2 FT x 4 FT acoustic tile.	816	SF
B. Remove and replace, "in-kind repair/replacement", 816 SF of floor, sealed concrete.	816	SF
{04-073} Third Floor Room 311 Extension (7 FT x 32 FT) - 224 SF:		
A. Remove and replace, "in-kind repair/replacement", 8 SF of ceiling, 1/4 IN thick plaster, painted.	8	SF
{04-075} Third Floor Room 313 (25 FT x 38 FT) - 950 SF:		
A. Replace, with in-kind repair/replacement, 16 SF of ceiling, 2 FT x 2 FT acoustic tile.	16	SF
B. Remove and replace, with in-kind repair/replacement, 7 each of light, 2 FT x 4 FT fluorescent.	7	EA
{04-077} Third Floor Room 314 (25 FT x 38 FT) - 950 SF:		
A. Replace, with in-kind repair/replacement, 16 SF of ceiling, 2 FT x 2 FT acoustic tile.	16	SF
{04-080} Third Floor Room 317 Hallway (4 FT x 23 FT) - 92 SF:		
A. Replace, with in-kind repair/replacement, 24 SF of ceiling, 2 FT x 4 FT acoustic tile.	24	SF
B. Remove and replace, "in-kind repair/replacement", 1 each of door, 3 FT x 7 FT.	1	EA
{04-081} Third Floor Room 318 (17 FT x 33 FT) - 561 SF:		
A. Replace, with in-kind repair/replacement, 16 SF of ceiling, 2 FT x 2 FT acoustic tile.	16	SF

{04-089} Third Floor Hallway 317 to 323 (6 FT x 130 FT) - 780 SF:		
A. Remove and replace, "in-kind repair/replacement", 1 SF of ceiling, 1/4 IN thick plaster, painted.	1	SF
{04-091} Third Floor Third Floor Hallway(8 FT x 400 FT) - 3200 SF:		
A. Remove and replace, "in-kind repair/replacement", 100 SF of ceiling, 1/4 IN thick plaster, painted.	100	SF
{04-092} Third Floor Room 307 (20FT x 24FT):		
A. Remove and replace, with in-kind repair/replacement ,2 each of window, screen, plastic, 26 IN x 66 IN.	2	EA
{04-093} Third Floor Room 319 (11FT x 15FT):		
A. Remove and replace, with in-kind repair/replacement ,1 each of window, screen, plastic, 32 IN x 66 IN.	1	EA
{05-092} Second Floor Room 200 (15 FT x 21 FT) - 315 SF:		
A. Replace, with in-kind repair/replacement ,2 SF of ceiling, 1 FT x 2 FT acoustic tile.	2	SF
{05-096} Second Floor Room 201 Office (20 FT x 25 FT) - 500 SF:		
A. Remove and replace, with in-kind repair/replacement ,2 each of light, 2 FT x 4 FT fluorescent.	2	EA
{05-099} Second Floor Room 201C (10 FT x 12 FT) - 120 SF:		
A. Replace, with in-kind repair/replacement ,8 SF of ceiling, 2 FT x 2 FT acoustic tile.	8	SF
{05-108} Second Floor Room 209 (36 FT x 36 FT) - 1,296 SF:		
A. Replace, with in-kind repair/replacement, 4 SF of ceiling, 2 FT x 2 FT acoustic tile.	4	SF
B. Remove and replace, "in-kind repair/replacement", 50 SF of VCT, 12 IN x 12 IN.	50	SF
{05-110} Second Floor Room 209B (6 FT x 9 FT) - 54 SF:		
A. Replace, with in-kind repair/replacement, 4 SF of ceiling, 2 FT x 2 FT acoustic tile.	4	SF
B. Remove and replace, "in-kind repair/replacement", 54 SF of VCT, 12 IN x 12 IN.	54	SF

{05-112} Second Floor Room 209B3 (4 FT x 4 FT) - 16 SF:		
A. Replace, with in-kind repair/replacement, 16 SF of ceiling, 2 FT x 2 FT acoustic tile.	16	SF
B. Remove and replace, with in-kind repair/replacement, 16 SF of ceiling, suspended metal grid.	16	SF
{05-113} Second Floor Room 209B4 (7 FT x 13 FT) - 91 SF:		
A. Replace, with in-kind repair/replacement, 4 SF of ceiling, 2 FT x 2 FT acoustic tile.	4	SF
{05-114} Second Floor Room 209B5 (4 FT x 12 FT) - 600 SF:		
A. Replace, with in-kind repair/replacement, 48 SF of ceiling, 2 FT x 2 FT acoustic tile.	48	SF
{05-115} Second Floor Room 209B5B (4 FT x 12 FT) - 48 SF:		
A. Replace, with in-kind repair/replacement, 48 SF of ceiling, 2 FT x 2 FT acoustic tile.	48	SF
B. Remove and replace, with in-kind repair/replacement, 48 SF of VCT, 12 IN x 12 IN.	48	SF
{05-117} Second Floor Room 209B5C1 (10 FT x 11 FT) - 110 SF:		
A. Replace, with in-kind repair/replacement, 48 SF of ceiling, 2 FT x 4 FT acoustic tile.	48	SF
B. Remove and replace, "in-kind repair/replacement", 42 SF of wall, 1/4 IN thick plaster, painted.	42	SF
{05-118} Second Floor Room 209B5C2 (12 FT x 15 FT) - 180 SF:		
A. Remove and replace, "in-kind repair/replacement", 55 SF of wall, 1/4 IN thick plaster, painted.	55	SF
B. Remove and replace, with in-kind repair/replacement, base, 4 IN vinyl, 54 LF long.	54	LF
{05-120} Second Floor Room 211 (24 FT x 24 FT) - 576 SF:		
A. Remove and replace, "in-kind repair/replacement", 10 SF of VCT, 12 IN x 12 IN.	10	SF
{05-122} Second Floor Room 211A Breakroom (13 FT x 13 FT) - 169 SF:		

A. Replace, with in-kind repair/replacement ,4 SF of ceiling, 2 FT x 2 FT acoustic tile.	4	SF
{05-123} Second Floor Room 211A Office (11 FT x 13 FT) - 143 SF:		
A. Remove and replace, "in-kind repair/replacement", 76 SF of VCT, 12 IN x 12 IN.	76	SF
{05-124} Second Floor Room 212 Storage Room (4 FT x 5 FT) - 20 SF:		
A. Remove and replace, "in-kind repair/replacement", 20 SF of VCT, 12 IN x 12 IN.	20	SF
{05-125} Second Floor Room 213A(24 FT x 40 FT) - 960 SF:		
A. Replace, with in-kind repair/replacement ,960 SF of ceiling, 2 FT x 2 FT acoustic tile.	960	SF
B. Remove and replace, with in-kind repair/replacement ,960 SF of ceiling, suspended metal grid.	960	SF
C. Remove and replace, "in-kind repair/replacement", ,960 SF of VCT, 12 IN x 12 IN.	960	SF
{05-126} Second Floor Room 214 (14 FT x 24 FT) - 336 SF:		
A. Replace, with in-kind repair/replacement ,336 SF of ceiling, 2 FT x 2 FT acoustic tile.	336	SF
B. Remove and replace, with in-kind repair/replacement ,336 SF of ceiling, suspended metal grid.	336	SF
C. Remove and replace, "in-kind repair/replacement", ,336 SF of VCT, 12 IN x 12 IN.	336	SF
{05-127} Second Floor Room 215 (14 FT x 24 FT) - 336 SF:		
A. Replace, with in-kind repair/replacement ,336 SF of ceiling, 2 FT x 2 FT acoustic tile.	336	SF
B. Remove and replace, with in-kind repair/replacement ,336 SF of ceiling, suspended metal grid.	336	SF
C. Remove and replace, "in-kind repair/replacement", ,336 SF of VCT, 12 IN x 12 IN.	336	SF
{05-128} Second Floor Room 216 (24 FT x 50 FT) - 1200 SF:		
A. Remove and replace, "in-kind repair/replacement", 15 SF of VCT, 12 IN x 12 IN.	15	SF
{05-130} Second Floor Room 216B (8 FT x 12 FT) - 96 SF:		

A. Replace, with in-kind repair/replacement, 20 SF of ceiling, 2 FT x 2 FT acoustic tile.	20	SF
{05-131} Second Floor Room 216C (9 FT x 16 FT) - 144 SF:		
A. Remove and replace, with in-kind repair/replacement ,1 each of light, 2 FT x 4 FT fluorescent.	1	EA
{05-132} Second Floor Room 216D (9 FT x 16 FT) - 144 SF:		
A. Replace, with in-kind repair/replacement ,16 SF of ceiling, 2 FT x 2 FT acoustic tile.	16	SF
{05-134} Second Floor Room 219 (12 FT x 14 FT) - 168 SF:		
A. Replace, with in-kind repair/replacement ,4 SF of ceiling, 2 FT x 2 FT acoustic tile.	4	SF
{05-143} Second Floor Room 220B Men's Restroom (8 FT x 8 FT) - 64 SF:		
A. Replace, with in-kind repair/replacement ,12 SF of ceiling, 2 FT x 2 FT acoustic tile.	12	SF
{05-146} Second Floor Room 222 (6 FT x 15 FT) - 90 SF:		
A. Replace, with in-kind repair/replacement ,12 SF of ceiling, 2 FT x 2 FT acoustic tile.	12	SF
{05-147} Second Floor Room 222A(18 FT x 32 FT) - 576 SF:		
A. Remove and replace, "in-kind repair/replacement", 230 SF of VCT, 12 IN x 12 IN.	230	SF
{05-149} Second Floor Room 222C – 1 (9 FT x 15 FT) - 135 SF:		
A. Remove and replace, "in-kind repair/replacement", 30 SF of VCT, 12 IN x 12 IN.	30	SF
{05-154} Second Floor Room 222G (6 FT x 12 FT) - 72 SF:		
A. Remove and replace, "in-kind repair/replacement", 22 SF of VCT, 12 IN x 12 IN.	22	SF
{05-156} Second Floor Room 223ABreakroom (12 Ft x 33 FT) - 396 SF:		

A. Remove and replace, with in-kind repair/replacement ,16 SF of ceiling, 2 FT x 2 FT acoustic tile.	16	SF
{05-156} Second Floor Room 223A Breakroom (12 FT x 33 FT) - 396 SF:		
A. Remove and replace, with in-kind repair/replacement ,1 each of light, 2 FT x 4 FT fluorescent.	1	EA
{05-161} Second Floor Room 224CH (11 FT x 14 FT) - 154 SF:		
A. Remove and replace, "in-kind repair/replacement", 2SF of ceiling, 1/4IN thick plaster, painted.	2	SF
B. Remove and replace, "in-kind repair/replacement", 7SF of VCT, 12IN x 12IN.	7	SF
{05-162} Second Floor Room 224D (14 FT x 19 FT) - 266 SF:		
A. Remove and replace, "in-kind repair/replacement", 2SF of ceiling, 1/4IN thick plaster, painted.	2	SF
B. Remove and replace, "in-kind repair/replacement", 16SF of VCT, 12IN x 12IN.	16	SF
{05-163} Second Floor Room 224E (14 FT x 16 FT) - 224 SF:		
A. Replace, with in-kind repair/replacement ,8SF of ceiling, 2FT x 2FT acoustic tile.	8	SF
B. Remove and replace, "in-kind repair/replacement", 20SF of VCT, 12IN x 12IN.	20	SF
{05-164} Second Floor Room 225 (10 FT x 14 FT) - 140 SF:		
A. Replace, with in-kind repair/replacement ,12SF of ceiling, 2FT x 2FT acoustic tile.	12	SF
B. Remove and replace, with in-kind repair/replacement ,2SF of ceiling, suspended metal grid.	2	SF
{05-165} Second Floor Room 225A (9 FT x 12 FT) - 108 SF:		
A. Replace, with in-kind repair/replacement ,8 SF of ceiling, 2 FT x 2 FT acoustic tile.	8	SF
{05-166} Second Floor Room 225B (6 FT x 8 FT) - 48 SF:		
A. Replace, with in-kind repair/replacement ,4 SF of ceiling, 2 FT x 2 FT acoustic tile.	4	SF
{05-167} Second Floor Room 225C (9 FT x 12 FT) - 108 SF:		

A. Replace, with in-kind repair/replacement ,8 SF of ceiling, 2 FT x 2 FT acoustic tile.	8	SF
{05-168} Second Floor Room 225CH (10 FT x 10 FT) - 100 SF:		
A. Replace, with in-kind repair/replacement ,4 SF of ceiling, 2 FT x 2 FT acoustic tile.	4	SF
{05-169} Second Floor Room 225D (9 FT x 10 FT) - 90 SF:		
A. Remove and replace, "in-kind repair/replacement", 10 SF of VCT, 12 IN x 12 IN.	10	SF
{05-170} Second Floor Room 225E (9 FT x 14 FT) - 126 SF:		
A. Replace, with in-kind repair/replacement ,8 SF of ceiling, 2 FT x 2 FT acoustic tile.	8	SF
{05-174} Second Floor Room 229A(8 FT x 8 FT) - 64 SF:		
A. Remove and replace, "in-kind repair/replacement", 1 each of door, SC, painted, 3 FT X7 FT.	1	SF
{05-177} Second Floor Second Floor Hallway(8 FT x 790 FT):		
A.remove and replace, "in-kind repair/replacement", 110SF of ceiling, 1/4IN thick plaster, painted.	110	SF
B.Remove and replace, with in-kind repair/replacement ,1 each of light, 1 FTx4FT, fluorescent.	1	EA
{06-180} First Floor Room 102 (24 FT x 32 FT) - 768 SF:		
A. Replace, with in-kind repair/replacement ,28 SF of ceiling, 2 FT x 2 FT acoustic tile.	28	SF
{06-182} First Floor Room 103B (24 FT x 26 FT) - 624 SF:		
A. Replace, with in-kind repair/replacement ,8 SF of ceiling, 2 FT x 2 FT acoustic tile.	8	SF
{06-184} First Floor Room 104A(24 FT x 24 FT) - 576 SF:		
A. Replace, with in-kind repair/replacement ,4 SF of ceiling, 2 FT x 2 FT acoustic tile.	4	SF
{06-186} First Floor Room 105A(15 FT x 17 FT) - 255 SF:		

A. Replace, with in-kind repair/replacement ,1 each of light, 2 FT x 4 FT fluorescent.	1	EA
{06-187} First Floor Room 105B (15 FT x 17 FT) - 255 SF:		
A. Replace, with in-kind repair/replacement ,8 SF of ceiling, 2 FT x 2 FT acoustic tile.	8	SF
{06-189} First Floor Room 105C (15 FT x 17 FT) - 225 SF:		
A. Remove and replace, with in-kind repair/replacement ,1 each of lighting, 1 FT x 4 FT.	1	EA
{06-190} First Floor Room 105D Hallway(5 FT x 110 FT) - 550 SF:		
A. Replace, with in-kind repair/replacement ,12 SF of ceiling, 2 FT x 2 FT acoustic tile.	12	SF
{06-191} First Floor Room 105D Computer (24 FT x 33 FT) - 792 SF:		
A.Remove and replace, "in-kind repair/replacement", 20SF of wall, 1/4IN thick plaster, painted.	20	SF
B.Remove and replace, with in-kind repair/replacement, base, 4IN vinyl, 114LF long.	114	LF
C.Remove and replace, "in-kind repair/replacement", 792SF of VCT, 12x12IN.	702	SF
{06-192} First Floor Room 105E (24 FT x 26 FT) - 624 SF:		
A.replace, with in-kind repair/replacement ,12SF of ceiling, 2FTx2FT acoustic tile.	12	SF
B.Remove and replace, "in-kind repair/replacement", 20SF of wall, 1/4IN thick plaster, painted.	20	SF
{06-192} First Floor Room 105F (7 FT x 9 FT) - 624 SF:		
A. Remove and replace, with in-kind repair/replacement ,56 SF of wallpaper, 4 FT x 7 FT.	56	SF
{06-193} First Floor Room 105F (7 FT x 9 FT) - 63 SF:		
A.Remove and replace, with in-kind repair/replacement, base, 4IN vinyl, 31 LF long.	31	LF
B.Remove and replace, "in-kind repair/replacement", 5SF of VCT, 12INx12IN.	5	SF

{06-194} First Floor Room 105F – 1 (16 FT x 16 FT) - 256 SF:		
A. Replace, with in-kind repair/replacement ,20 SF of ceiling, 2 FT x 2 FT acoustic tile.	20	SF
{06-195} First Floor Room 105F -2 (9 FT x 20 FT) - 180 SF:		
A. Replace, with in-kind repair/replacement ,32SF of ceiling, 2FTx2FT acoustic tile.	32	SF
B. Remove and replace, with in-kind repair/replacement ,32SF of ceiling, suspended metal grid.	32	SF
{06-196} First Floor Room 105F -3 (24 FT x 24 FT) - 576 SF:		
A. Replace, with in-kind repair/replacement, 4 SF of ceiling, 2 FT x 2 FT acoustic tile.	4	SF
{06-197} First Floor Room 105F -4 (24 FT x 37 FT) - 888 SF:		
A. Replace, with in-kind repair/replacement ,4 SF of ceiling, 2 FT x 2 FT acoustic tile.	4	SF
{06-201} First Floor Storage 107A(6 FT x 10 FT) - 60 SF:		
A. Remove and replace, "in-kind repair/replacement", 4 SF of wall, 1/4 IN thick plaster, painted.	4	SF
{06-203} First Floor Room 108 (24 FT x 28 FT) - 672 SF:		
A. Replace, with in-kind repair/replacement ,72SF of ceiling, 2FTx2FT acoustic tile.	72	SF
B. Remove and replace, "in-kind repair/replacement", 2 each of door, SC, painted, 3FTx7FT.	2	EA
{06-204} First Floor Room 109 (24 FT x 24 FT) - 576 SF:		
A. Remove and replace, with in-kind repair/replacement ,6SF of ceiling, 2FTx2FT 1/4 IN thick plaster, painted.	6	SF
B. Remove and replace, "in-kind repair/replacement", 1 each of door, SC, painted, 3FTx7FT.	1	EA
{06-206} First Floor Room 110A(10 FT x 26 FT) - 260 SF:		
A. Remove and replace, "in-kind repair/replacement", 1 each of door, SC, painted, 3FTx7FT.	1	EA

B.Remove and replace, "in-kind repair/replacement", 10SF of VCT, 12IN x 12IN.	10	SF
{06-207} First Floor Room 111 (24 FT x 64 FT) - 1,536 SF:		
A. Remove and replace, with in-kind repair/replacement, 10 each of light, 2 FT x 4 FT fluorescent.	10	EA
{06-208} First Floor Room 112 (24 FT x 50 FT) - 1,200 SF:		
A. Replace, with in-kind repair/replacement ,8 SF of ceiling, 2 FT x 2 FT acoustic tile.	8	SF
{06-224} First Floor Room 120C (24 FT x 37 FT) - 888 SF:		
A. Replace, with in-kind repair/replacement ,20SF of ceiling, 2FTx2FT acoustic tile.	20	SF
{06-225} First Floor Room 122 (18 FT x 24 FT) - 432 SF:		
A. Replace, with in-kind repair/replacement ,8SF of ceiling, 2FTx2FT acoustic tile.	8	SF
B.Remove and replace, "in-kind repair/replacement", 8SF of VCT, 12IN x 12IN.	8	SF
{06-226} First Floor Room 123A(24 FT x 31 FT) - 744 SF:		
A. Remove and replace, with in-kind repair/replacement ,1 each of light, 2FTx4FT, LED.	1	EA
B.Remove and replace, "in-kind repair/replacement", 1 each of door, SC, painted, 3FTx7FT.	1	EA
{06-227} First Floor Room 123A1 (18 FT x 24 FT) - 432 SF:		
A. Replace, with in-kind repair/replacement, 24 SF of ceiling, 2 FT x 2 FT acoustic tile.	24	SF
{06-229} First Floor First Floor Hallway(7 FT x 760 FT) - 5320 SF:		
A. Remove and replace, with in-kind repair/replacement ,15 SF of ceiling, 1/4 IN thick plaster, painted.	15	SF

Hazard Mitigation

Description	QTY	UOM
1. Roof Mitigation		
a. Install 44,200 SF of SBS 4-ply waterproofing system	44200	SF

b. Install 44,200 SF of insulation or light weight cementitious fill sloped to facilitate drainage	44200	SF
c. Install 3,500 LF of termination bar on roof edges and cap flashing to prevent uplift of the roof membrane	3500	LF
2. Door Mitigation		
a. Remove and replace 181 EA doors, using exterior, steel, commercial, flush, 20 ga., 1-3/4" x 7'-0" x 3'-6" wide	181	EA
3. A/C Unit Mitigation:		
a. Install on 1 EA – 5 Ton A/C package unit anchoring system	1	EA
b. Install on 10 EA – 3 Ton A/C package unit anchoring system	10	EA
c. Install on 6 EA – 2 Ton A/C package unit anchoring system	6	EA
d. Install on 2 EA – 1.5 Ton A/C package unit anchoring system	2	EA
4. Roof Top Exhaust Fan Mitigation:		
a. Install on 1 EA – Roof top Exhaust Fan anchoring system	1	EA

Bipartisan Budget Act

Description	QTY	UOM
A. Install, 13 each of ceiling mounted occupancy sensors.	13	EA

3. DI 155556

Public Assistance

Description	QTY	UOM
{00-001} General:		
A. Prepare and paint, 16,960 SF of exterior surfaces.	16960	SF
B. Remove and replace, 200 SF of wall, 1/4 IN thick plaster.	200	SF
C. Remove and replace, 1 each of light, metal halide lamp, wall mount, 400W.	1	EA
D. Remove and replace, 1 each of exhaust fan, 1000 CFM.	1	EA
E. Remove and replace, 1 each of window, jalousie, glass, 2 FT x 3 FT.	1	EA
{00-002} Roofing System:		
A. Remove and replace, 1,048 SF of BUR, modified bitumen roof surface.	1048	SF
{00-003} General:		
A. Prepare and paint, 50,910 SF of building interior surfaces.	50910	SF

{01-004} Second Floor Room 201 (20 FT X30 FT) Classroom:		
A. Remove and replace, 1 each of AC, 48,000 BTU.	1	EA
{01-005} Second Floor Room 202 (20 FT X30 FT) Classroom:		
A.Remove andreplace, 1 each of AC, 48,000 BTU.	1	EA
B.Remove andreplace, 1 each of door & frame, HC, metal frame, painted, 3 FTx7 FT.	1	EA
{01-006} Second Floor Room 203 (20 FT x 30 FT) Classroom:		
A. Remove and replace, 1 each of AC, 48,000 BTU.	1	EA
{01-007} Second Floor Room 204 (20 FT X30 FT) Classroom:		
A. Remove and replace, 1 each of AC, 48,000 BTU.	1	EA
{01-011} Second Floor Room 211 (10 FT X15 FT) Professor's Office:		
A.Replace, 16SF of ceiling, 2 FTx4 FT acoustic tile.	16	SF
B. Remove andreplace, 1 each of AC, 40,000 BTU.	1	EA
{01-012} Second Floor Room 212 (9 FT X15 FT) Professor's Office:		
A. Remove and replace, 1 each of ceiling fan, ALU, 52 IN Diam.	1	EA
{01-013} Second Floor Room 213 (10 FT X20 FT) Professor's Office:		
A. Replace, 16 SF of ceiling, 2 FT x 4 FT acoustic tile.	16	SF
{01-014} Second Floor Room 214 (10 FT X15 FT) Professor's Office:		
A. Replace, 24 SF of ceiling, 2 FT x 4 FT acoustic tile.	24	SF
{01-016} Second Floor Room 217A(10 FT X11 FT) Professor's Office:		
A. Remove and replace, 1 each of AC, split ductless 40,000 BTU.	1	EA

{01-017} Second Floor Room 217B (10 FT X11 FT) Professor's Office:		
A. Remove and replace, 1 each of AC, split ductless 40,000 BTU.	1	EA
{01-018} Second Floor Room 218A(9 FT X10 FT) Professor's Office:		
A. Remove and replace, 1 each of AC, split ductless 40,000 BTU.	1	EA
{01-019} Second Floor Room 218B (10 FT X11 FT) Professor's Office:		
A. Replace, 8 SF of ceiling, 2 FT x 4 FT acoustic tile.	8	SF
{01-020} Second Floor Room 219 (10 FT X20 FT) Grad Student Office:		
A. Remove and replace, 1 each of AC, split ductless 40,000 BTU.	1	EA
{01-021} Second Floor Room 220 (8 FT X10 FT) Server Room:		
A. Remove and replace, 1 each of AC, split ductless 40,000 BTU.	1	EA
{01-022} Second Floor Room 221 (15 FT X16 FT) Student Application Office:		
A. Replace, 64 SF of ceiling, 2 FT x 4 FT acoustic tile.	64	SF
B. Remove and replace, 1 each of AC, split ductless 40,000 BTU.	1	EA
{01-023} Second Floor Room 222 (28 FT X40 FT) Study Area:		
A. Remove and replace, 4 each of AC, split ductless 40,000 BTU.	4	EA
{01-025} Second Floor Room 226B (11 FT X14 FT) Copy Room:		
A. Replace, 32 SF of ceiling, 2 FT x 4 FT acoustic tile.	32	SF
{01-026} Second Floor Room 227 (15 FT X21 FT) Director's Office:		
A. Replace, 16 SF of ceiling, 2 FT x 4 FT acoustic tile.	16	SF

{01-027} Second Floor Room 229 (31 FT X39 FT) + (14 FT X29 FT):		
A.Replace, 1,615SF of ceiling, 2FTx4FT acoustic tile.	1615	SF
B.Remove and replace, 1,615SF of ceiling, suspended metal grid.	1615	SF
{01-028} Second Floor Room 230 (9 FT X10 FT) Storage room:		
A. Replace, 40 SF of ceiling, 2 FT x 4 FT acoustic tile.	40	SF
{01-029} Second Floor Room 232 (5 FT X8 FT) Girls' Bathroom:		
A. Replace, 16 SF of ceiling, 2 FT x 4 FT acoustic tile.	16	SF
{01-030} Second Floor Room 233 (6 FT X12 FT) Boys' Bathroom:		
A. Replace, 8 SF of ceiling, 2 FT x 4 FT acoustic tile.	8	SF
{01-031} Second Floor Room 235 (5 FT X8 FT) Janitor's Room:		
A. Replace, 8 SF of ceiling, 2 FT x 4 FT acoustic tile.	8	SF
{01-032} Second Floor Room 245 (3 FT X5 FT) Janitor's Room:		
A. Replace, 15 SF of ceiling, 2 FT x 4 FT acoustic tile.	15	SF
{01-033} Second Floor Long Main Hallway(8 FT X220 FT) + (9 FT X29 FT):		
A.Remove and replace, 45SF of ceiling, 1/4IN thick plaster, painted.	45	SF
B.Remove and replace, 1 each of light, 2FTx4FT fluorescent.	1	EA
C.Remove and replace, 3 each of lighting, emergency fixture.	3	EA
{01-035} Second Floor Hallway B (6 FT X46 FT):		
A. Remove and replace, 1 each of lighting, emergency fixture.	1	EA
{01-036} Second Floor Hallway C (6 FT X46 FT):		
A.Remove and replace, 2 each of lighting, emergency fixture.	2	EA

B. Remove and replace, 276 SF of floor, sealed concrete.	276	SF
{01-038} Second Floor Entrance to Studyroom (16 FT X38 FT):		
A. Remove and replace, 26 SF of wall, 1/4 IN thick plaster.	26	SF
{01-039} Second Floor Seating Area next to Study Room (6 FT X16 FT) + (23 FT X26 FT) + (3 FT X24 FT) + (2 FT X11 FT) + (9 FT X26 FT):		
A. Remove and replace, 68 SF of wall, 1/4 IN thick plaster (crack).	68	SF
{01-040} Second Floor Long Main Hallway(8 FT X220 FT) + (9 FT X29 FT):		
A. Remove and replace, 7 each of cabinet, display, alum/glass 3 FT X4 FT.	7	EA
{01-041} Second Floor Room 201 (20 FT X30 FT) Classroom:		
A. Remove and replace, 1 each of window, plastic screen 3 FT x 5 FT.	1	EA
{01-042} Second Floor Room 202 (20 FT X30 FT) Classroom:		
A. Remove and replace, 1 each of window, plastic screen 3 FT x 5 FT.	1	EA
{01-043} Second Floor Room 203 (20 FT X30 FT) Classroom:		
A. Remove and replace, 1 each of window, plastic screen 3 FT x 5 FT.	1	EA
{01-044} Second Floor Room 204 (20 FT X30 FT) Classroom:		
A. Remove and replace, 1 each of window, plastic screen 3 FT x 5 FT.	1	EA
{01-045} Second Floor Room 217B (10 FT X11 FT) Professor's Office:		
A. Remove and replace, 2 each of window, plastic screen 3 FT x 5 FT.	2	EA
{01-046} Second Floor Room 218A(9 FT X10 FT) Professor's Office:		

A. Remove and replace, 1 each of window, plastic screen 3 FT x 5 FT.	1	EA
{01-047} Second Floor Room 222 (28 FT X40 FT) Study Area:		
A. Remove and replace, 3 each of window, plastic screen 3 FT x 5 FT.	3	EA
{02-045} First Floor Room 108 (33 FT X34 FT) Computer Lab:		
A. Replace, 24 SF of ceiling, 2 FT x 2 FT acoustic tile.	24	SF
B. Remove and replace, 1 each of AC, split ductless 40,000 BTU.	1	EA
{02-046} First Floor Room 108A(7 FT X18 FT) Lab Administrators' Office:		
A. Remove and replace, 1 each of AC, split ductless 40,000 BTU.	1	EA
{02-047} First Floor Room 108B (7 FT X13 FT) Printer Room:		
A. Replace, 12 SF of ceiling, 2 FT x 2 FT acoustic tile.	12	SF
B. Remove and replace, 1 each of light, 2 FT x 4 FT fluorescent.	1	EA
{02-048} First Floor Room 109 (15 FT X33 FT) Repair Room:		
A. Replace, 40 SF of ceiling, 2 FT x 2 FT acoustic tile.	40	SF
B. Building Interior, 1 each of lighting, emergency fixture.	1	EA
{02-049} First Floor Room 112 (16 FT X27 FT) Classroom:		
A. Remove and replace, 1 each of split AC unit, 40,000 BTU.	1	EA
{02-051} First Floor Room 114A(20 FT X32 FT) Academic Lab:		
A. Replace, 4 SF of ceiling, 2 FT x 2 FT acoustic tile.	4	SF
{02-052} First Floor Room 116 (19 FT X28 FT) Graduate Students's Office:		
A. Replace, 60 SF of ceiling, 2 FT x 2 FT acoustic tile.	60	SF

{02-053} First Floor Room 116A(11 FT X20 FT) Investigation Lab:		
A. Replace, 20 SF of ceiling, 2 FT x 2 FT acoustic tile.	20	SF
{02-054} First Floor Room 117 (21 FT X31 FT) Robotics Lab:		
A. Replace, 16 SF of ceiling, 2 FT x 2 FT acoustic tile.	16	SF
{02-056} First Floor Room 120 (3 FT X7 FT) + (4 FT X6 FT) Janitor's Room:		
A. Replace, 20 SF of ceiling, 2 FT x 2 FT acoustic tile.	20	SF
{02-057} First Floor Main Long Hallway(8 FT X138 FT):		
A. Replace, 8 SF of ceiling, 2 FT x 2 FT acoustic tile.	8	SF
B. Remove and replace, 2 each of emergency lighting fixture.	2	EA
C. Remove and replace, 2 each of double door, wood, SC, 3 FT 0 IN x 7 FT 0 IN.	2	EA
{02-058} First Floor Room 101 (65 FT X69 FT) Lab (factory inside):		
A. Remove and replace, 3 each of window, plastic screen 2 FT x 2 FT.	3	EA
{02-059} First Floor Room 119 (7 FT X17 FT) Boys' Bathroom:		
A. Remove and replace, 1 each of window, alum screen 3 FT x 4 FT.	1	EA

Hazard Mitigation

Description	QTY	UOM
1. Applying an additional membrane will help to absorb energy from flying debris and protect roof membranes below, helping to mitigate damage to the roof and interior damages from water infiltration. Add an additional SBS modified bituminous membrane to built up roof system. (1,048 SF)	1048	SF
2. To prevent water infiltration from driving rain the applicant intends to place weather stripping around Windows and Doors "Place weather stripping around 1 Window (2 ft x 3 ft), 1 Single Exterior Doors and 2 Double Exterior Doors	4	EA

Bipartisan Budget Act

Description	QTY	UOM
A. Install, 1 each of ceiling mounted occupancysensors	1	EA

PW 8026: Detailed FEMA scope of work

1. DI 155574 UPR Mayaguez Edificio 040 CID A Centro de Investigación y Desarrollo Public Assistance

{00-001} General:	QTY	UOM
A. Repaint, 26,125 SF of building exterior painted surfaces.	26,125	SF
B. Remove and Replace, 1 each of Nordyne Condenser, 3 Tons.	1	EA
C. Remove and Replace, 1 each of down blast exhaust fan.	1	EA
D. Remove and Replace, 1 each of down blast exhaust fan.	1	EA

{00-002} Roofing System:	QTY	UOM
E. Remove and Replace, 16,128 SF of single ply membrane over concrete slab. 1	16,128	SF
F. Remove and Replace, roof flashing.		
G. Remove and Replace, 7 each of extractor hoods.	7	EA

{01-004} Third-floor Equipment Room(12 FT x 14 FT):	QTY	UOM
A. Remove and Replace, 6 each of light.	6	EA
B. Repaint, 100 SF of wall.	100	SF
C. Remove and Replace, 72 SF of wall.	72	SF

{02-006} Second Floor F220 (12 FT x 16 FT):	QTY	UOM
K. Replace, 192 SF of ceiling.	192	SF

{02-007} Second Floor F218 (12 FT x 16 FT):	QTY	UOM
L. Replace, 192 SF of ceiling, 2 FT x 2 FT acoustic tile.	192	SF

{02-008} Second Floor F222 (14 FT x 16 FT):	QTY	UOM
M. Replace, 224 SF of ceiling.	224	SF

{02-009} Second Floor F 210 (23 FT x 24 FT):	QTY	UOM
N. Replace, 552 SF of ceiling.	552	SF
O. Remove and Replace, base, 4 IN rubber.	4	IN

{02-010} Second Floor F 216 (10 FT x 16 FT):	QTY	UOM
P. Repaint, 160 SF of ceiling.	160	SF

{02-011} Second Floor F 214 (11 FT x 15 FT):		
Q. Repaint, 165 SF of ceiling.	165	SF

{02-013} Second Floor F 209 Alpha (10 FT x 12 FT):		
R. Replace, 120 SF of ceiling.	120	SF

{02-018} Second Floor F 206 (15 FT x 15 FT):		
S. Replace, 225 SF of ceiling.	225	SF

406 HMP Scope

(I) Hazard Mitigation Proposal (HMP) Scope of Work

DI SITE # 155574; UPR Mayaguez Edificio 040 CID A Centro de Investigación y Desarrollo

A. Roof Mitigation	QTY	UOM
A.1 Replace 16,128 SF with Modified Bitumen (SBS) - Full Assembly.(Including 4"FT of parapet)	16,128	SF
A.2 Install 15,630 SF of Slope Improvement to Flat Roofs.	15,630	SF
A.3 Install 523 LF of termination bar.	523	LF

B. Window Mitigation		
B.1 Remove and replace 62 of 67 EA (1,088 SF) of Windows, Aluminum, Commercial grade, Stock units, Awning Type (Jalousie), Standard Glass up to 21.33sq.ft.	1,088	SF
B.2 Remove and Replace 5 of 67 EA (34.3333 SF) of Louver, aluminum, extruded, with screen, mill finish, fixed blade, continuous line, stormproof.	34.3333	SF
B.3 Install 67 EA of weatherstripping.	67	EA

C. Door Mitigation		
C.1 Remove and replace 8 of 9 EA - Doors, commercial, steel, flush, half glass, hollow core, hollow metal, 20 ga., 3'-0" x 7'-0"	8	EA
C.2 Remove and replace 1 of 9 EA - Doors, commercial, steel, flush, full panel, hollow core, hollow metal, 18 ga., 3'-6" x 7'-0", 1-3/4" thick	1	EA
C.3 Install 56 SF of Steel panel storm shutter, installation included. (Exterior accessibility required for installation before event.)	56	SF

D. Loadpath Mitigation		
D.1 Install 16 EA - "Anchoring Rooftop Equipment - 3' x 3' x 3' and smaller"	16	EA
D.2 Install 12 EA - "Anchoring Rooftop Equipment - between 6'x6'x6' and 3'x3'x3' in size"	12	EA

Bipartisan Budget Act

<p>BBA Work required: Install nine (9) ceiling mounted occupancy sensors one (1) per each 600 SF of room area - damaged lighting is functional dependent on sensor to meet code requirement. Depending on the room sizes, several occupancy sensors will be necessary to operate lighting fixture system. The sensor shall be positioned in the ceiling, room area for best functionality. New conduit and corresponding wiring will be necessary for sensor installation. Consider conduit installation to nearest lighting system junction box and wiring of sensor to existing circuit. Considering a minimum of 20ft of EMT conduit and 60ft of existing gauge electrical copper wire (minimum allowable: THWN #12 stranded copper wire). If the corresponding circuit wiring is not accessible, consider conduit and corresponding wiring to the nearest lighting panel board</p>
<p>HVAC BBA Work required: For estimating purposes, install outside air compliant direct expansion (DX) A/C units as detailed below, in place of all items described in disaster related damages components of HVAC system described above for capacity to meet air exchange standard. For enclosing of Air Handling Unit (AHU), construct a mechanical closet made of insulated gypsum board walls (3 sides) and a minimum 1hr fire rated hollow metal door to install necessary AHU with DX compatible coil and corresponding appurtenances such as: support base, Louver for fresh air w/ damper, supply register w/ opposed blade damper, galvanized ductwork, return air side louver, drainage piping, thermostat, 1/2" EMT conduit for thermostat control, insulated DX piping and communication cable to connect to condensing unit (CU).</p>
<p>Electric Power BBA Work required: In addition to the interior work, exterior rooftop installation (where possible) of the condensing unit will be necessary to complete the refrigeration system needing: connection of DX piping from interior (approx. 30 Ft. run) Air Handling Unit (AHU), 3#18 control cable from AHU, 5/16" clear coated galvanized two-way tie down wires. For the electrical scope both units need dedicated circuits directly from the panelboard, consider the following: 1) AHU - route new branch circuit from panelboard with 3#10 THWN copper wire in 3/4" EMT including disconnecting means (equal or similar to a 30amp Safety switch) with flexible conduit to power the unit and 2) CU - route new branch circuit from panelboard w/ 3#8 THWN copper wire in 3/4" EMT for interior and RGC when exposed</p>

2. DI 155583 UPR Mayaguez Edificio 049 CID MU - Museo de Mecánica y Centro de Diseño

Public Assistance

{00-001} General:	QTY	UOM
A. Repaint, 2,716 SF of building exterior.	2,716	SF
{00-003} General:		
B. Repaint, 2,716 SF of building interior.	2,176	SF

{00-005} Aero design workshop (24 FT x 27 FT):		
C. Remove and Replace, 4 each of light.	4	EA

{00-006} CIDMU-110 (31 FT x 43 FT):		
D. Remove and Replace, 3 each of ceiling, 1/2 IN plywood, 4 FT x 8 FT planks, warped due to water intrusion and /or high humidity, 0% work completed.	3	EA

{00-007} CIDMU-112 (30 FT X 31 FT):		
E. Remove and Replace, 930 SF of floor.	930	SF

Hazard Mitigation

A. Paint Mitigation:		
A.1 Apply 2,716 SF of Waterproof sealer for building exterior	2,716	SF

B. Floor Mitigation:		
B.1 Install 930 SF of Waterproof Underlayment for Vinyl Floors, 1/8" thick	930	SF

Bipartisan Budget Act

BBA Work required: Install two (2) ceiling mounted occupancy sensors one (1) per each 600 SF of room area - damaged lighting is functional dependent on sensor to meet code requirement. Depending on the room sizes, several occupancy sensors will be necessary to operate lighting fixture system. The sensor shall be positioned in the ceiling, room area for best functionality. New conduit and corresponding wiring will be necessary for sensor installation. Consider conduit installation to nearest lighting system junction box and wiring of sensor to existing circuit. Considering a minimum of 20ft of EMT conduit and 60ft of existing gauge electrical copper wire (minimum allowable: THWN #12 stranded copper wire). If the corresponding circuit wiring is not accessible, consider conduit and corresponding wiring to the nearest lighting panel board.

3. DI 155622 UPR Mayaguez Edificio 048 CID D Estudio de Litoral

Public Assistance

{00-001} General:		
A. Repaint, 2,320 SF of building exterior.	2,320	SF

{00-003} General:		
B. Repaint, 4,640 SF of building interior.	4,640	SF

{01-005} Second Floor Room D2 (9 FT X 19 FT):		
C. Remove and Replace, 171 SF of floor.	171	SF

{01-008} Second Floor Room D3 (9 FT X 19 FT):		
D. Remove and Replace, 171 SF of floor.	171	SF

{02-009} First Floor Room D0 (19 FT X 32 FT):		
E. Remove and Replace, 2 each of light.	2	EA
F. Remove and Replace, 608 SF of floor.	608	SF

{02-010} First Floor Office (11 FT X 12 FT):		
G. Replace, 132 SF of ceiling.	132	SF

Hazard Mitigation

A. Paint Mitigation:	QTY	UOM
A.1 Apply 2,320 SF of Waterproof sealer for building exterior	2,320	SF

B. Floor Mitigation:	QTY	UOM
B.1 Install 171 SF of Waterproof Underlayment for Vinyl Floors, 1/8" thick	171	SF
B.2 Install 171 SF of Waterproof Underlayment for Vinyl Floors, 1/8" thick	171	SF
B.3 Install 608 SF of Waterproof Underlayment for Vinyl Floors, 1/8" thick	608	SF

C. Ceiling Tile Mitigation		
C.1 Replace 608 SF with Waterproof Ceiling Tiles, Acoustical ceilings, fiberglass boards.	608	SF

Bipartisan Budget Act

BBA Work required: Install two (2) ceiling mounted occupancy sensors one (1) per each 600 SF of room area - damaged lighting is functional dependent on sensor to meet code requirement. Depending on the room sizes, several occupancy sensors will be necessary to operate lighting fixture system. The sensor shall be positioned in the ceiling, room area for best functionality. New conduit and corresponding wiring will be necessary for sensor installation. Consider conduit installation to nearest lighting system junction box and wiring of sensor to existing circuit. Considering a minimum of 20ft of EMT conduit and 60ft of existing gauge electrical copper wire (minimum allowable: THWN #12 stranded copper wire). If the corresponding circuit wiring is not accessible, consider conduit and corresponding wiring to the nearest lighting panel board.

4. DI 209528 UPR Mayaguez Edificio 040 A CID J Administración

Public Assistance

{00-001} General:						QTY	UOM
A. Repaint, 4,150 SF of building exterior.						4,150	SF
B. Repair, 4 SF of wall.						4	SF
C. Remove and Replace, 1 each of light.						1	EA
D. Remove and Replace, 1 each of light.						1	EA
E. Remove and Replace, 9 each of window screen.						9	EA

{00-002} Roofing System:						QTY	UOM
F. Remove and Replace, 6,675 SF roofing.						6,675	SF

{00-003} General:						QTY	UOM
G. Repaint, 2,075 SF of interior paint						2,075	SF

{01-006} First Floor Room JD5 Administration Office (8 FT x 10 FT):						QTY	UOM
H. Remove and Replace, base							

{01-011} First Floor Room JE Administration Office (30 FT x 32 FT):						QTY	UOM
I. Replace, 96 SF of ceiling.						96	SF

{01-016} First Floor Room J103 Administration Office (18 FT x 22 FT):		
J. Replace, 40 SF of ceiling.	40	SF

{01-021} First Floor Corridor (6 FT x 14 FT):		
K. Replace, 84 SF of ceiling.	84	SF

Hazard Mitigation

A. Roof Mitigation	QTY	UOM
A.1 Replace 6,675 SF with Modified Bitumen (SBS) - Full Assembly.	6,675	SF
A.2 Install 6,675 SF of Slope Improvement to Flat Roofs.	6,675	SF
A.3 Install 395 LF of Cap Flashing Assembly to Anchor Membrane.	395	LF

B. Window Mitigation	QTY	UOM
B.1 Remove and replace 62 EA (976 SF) of Windows, Aluminum, Commercial grade, Stock units, Awning Type (Jalousie), Standard Glass up to 21.33sq.ft.	976	SF
B.2 Install 62 EA of weatherstripping.	62	EA

EA	QTY	UOM
C.1 Remove and replace 3 EA - Doors, commercial, steel, flush, half glass, hollow core, hollow metal, 20 ga., 3'- 0" x 7'-0"	3	EA
C.2 Remove and replace 1 EA (Glass storefront double doors) - Doors, glass, swing, tempered, 1/2" thick, 3' x 7' opening, incl. hardware	1	EA
C.3 Install 31.5 SF of Window, metal, roof, fixed, high performance tempered glazing, up to 17.417 SF	31.5	SF

D. Loadpath Mitigation	QTY	UOM
D.1 Install 5 EA - "Anchoring Rooftop Equipment - between 6'x6'x6' and 3'x3'x3' in size"	5	EA

5. 209530 UPR Mayaguez Edificio 040 B CID O Operación y Mantenimiento

Public Assistance

{00-001} General:	QTY	UOM
A. Repaint, 6,454 SF of building exterior.	6,454	SF

{00-002} Roofing System:

B. Remove and Replace, 4,350 SF of single ply membrane. Scope Note #1	4,350	SF
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{00-003} General:		
C. Repaint, 6,454 SF of building interior.	6,454	SF

{00-004} Room H3 Material Warehouse (16 FT x 16 FT):		
D. Replace, 256 SF of ceiling.	256	SF
E. Remove and Replace, 1 each of light.	1	EA

{00-005} General Site:		
F. Exterior Site, fence, 9 GA chain link, 3 strand security	9	GA
G. Exterior Site, fence, perimeter, 9 GA chain link.	9	GA

{00-007} Room H14 Investigation Of ice (8 FT x 12 FT):		
H. Remove and Replace, base.		
I. Remove and Replace, VCT flooring.		

Hazard Mitigation

A. Paint Mitigation:	QRT	UOM
A.1 Apply 6,454 SF of Waterproof sealer for building exterior	6,454	SF

B. Roof Mitigation:		
B.1 Replace 5,100 SF with Modified Bitumen (SBS) - Full Assembly	5,100	SF
B.2 Install 5,100 SF of Slope Improvement to Flat Roofs	5,100	SF
B.3 Install 523 LF of Termination bar	523	LF

C. Ceiling Tile Mitigation		
C.1 Replace 256 SF with Waterproof Ceiling Tiles, Acoustical ceilings, fiberglass boards.	256	SF

D. Chainlink Fence Mitigation		
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D.1 Install 330 LF with Strengthen chain-link fence (6 FT high)	330	LF
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Bipartisan Budget Act

BBA Work required: Install one (1) ceiling mounted occupancy sensors one (1) per each 600 SF of room area - damaged lighting is functional dependent on sensor to meet code requirement. Depending on the room sizes, several occupancy sensors will be necessary to operate lighting fixture system. The sensor shall be positioned in the ceiling, room area for best functionality. New conduit and corresponding wiring will be necessary for sensor installation. Consider conduit installation to nearest lighting system junction box and wiring of sensor to existing circuit. Considering a minimum of 20ft of EMT conduit and 60ft of existing gauge electrical copper wire (minimum allowable: THWN #12 stranded copper wire). If the corresponding circuit wiring is not accessible, consider conduit and corresponding wiring to the nearest lighting panel board.

END OF SECTION

23. APPENDIX G

FEMA Alternative Procedures

PLEASE [CLICK HERE](#)

24. **APPENDIX H**

**Existing Drawings, Photos, Method of Repair (MOR) and
Record of Environmental Consideration (REC)**

PLEASE [CLICK HERE](#)

END OF DOCUMENT