

**UNIVERSITY OF PUERTO RICO
CENTRAL ADMINISTRATION
NOTICE OF REQUEST FOR PROPOSAL RFP #DRO 24-006
DESIGN AND SUPERVISION SERVICES**

Timeline:

RFP publication date: August 31, 2023.
**Deadline for Request
for Information by email:** September 7, 2023, Time: on or before 4:30pm.
**Response for Request
for Information by email:** September 12, 2023, Time: on or before 4:30pm.

The proposal must be submitted **by email on or before 11:59pm (AST) on September 19, 2023**. Address the indicated contacts in Section II (Mr. Julio Collazo Rivera, attention to Eng. Carlos Hiraldo and Eng. Eliezer Collazo). [The University of Puerto Rico \(UPR\) will accept offers via email in digital PDF format at \[upprecovery.rfp@upr.edu\]\(mailto:upprecovery.rfp@upr.edu\)](#). To request the RFP Documents, write to us at said email.



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 **B00001-DRO-8-2023 - Reconditioning of UPR Cayey Facilities, 6681, 7457, 10328, 10331, University of Puerto Rico**. The purpose of this RFP is to request and receive proposals from qualified Architecture and Engineering firms for the development of all design documents: As-Built, 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 be on Cayey Campus. This project is divided into 4 PW with 13 buildings or DI's, and will be working on the respective scope of work, as stated by FEMA. The project considers several construction 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. 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 building's year of construction, it may be necessary lead or asbestos abatement.

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.


Julio A. Collazo (Aug 29, 2023 14:53 EDT)

Julio A. Collazo Rivera, Director

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REQUEST FOR PROPOSALS FOR:

DESIGN AND SUPERVISION SERVICES FOR

Project Number: B00001-DRO-9-2023-CAYEY

**Project Title: Reconditioning of UPR Cayey Facilities,
6681, 7457, 10328, 10331**

RFP #DRO 24-006 / B00001

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 - **B00001-DRO-9-2023 - Reconditioning of UPR Cayey Facilities, 6681, 7457, 10328, 10331, University of Puerto Rico**, ("The Project"). This Program is 90% (\$729,586,955.09) funded by FEMA and 10% (\$42,625,237.77) matching funds of CDBG-DR Non- Federal Match Program and (\$35,034,822.65) institutional funds. The purpose of this RFP is to request and receive proposals from qualified Architecture and Engineering firms for the development of all design documents: As-Built, Basis of Design, detail design, specifications, cost estimates, schedules, scopes of work, and 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.

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:
Eng. Carlos Hiraldo Torres and Eng. Eliezer Collazo
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: Be advised that interested proponents must register receipt of this RFP at upprecovery.rfp@upr.edu to qualify for receiving the following:

- Contract Terms and Conditions of the UPR for Design and Supervision services;
- Notice of changes or cancelation of the RFP;
- Responses to questions or clarifications made to interested proponents; and,
- Notice of award of the proposal.

3. TIMELINE AND SUBMISSION DATE

| Description | Date |
|--|--|
| RFP publication | August 31, 2023. |
| Deadline for Request for Information (RFI) by email | September 7, 2023, Time: on or before 4:30pm Atlantic Standard Time (AST) |
| Response for Request for Information by email | September 12, 2023, 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 and Eng. Eliezer Collazo) | September 19, 2023, Time: on or before 11:59pm Atlantic Standard Time (AST). |
| Award Notification | October 2023 |
| Execution of Agreement | October 2023 |

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 will be on Cayey Campus. This project is divided into 4 PW with 13 buildings or DI's, (153060) Building 153 – Edificio de Recursos Físicos Isidoro Garay Rolón, (220853) Building 171 – Guardia Universitaria, (250386) Building 001-B – Caseta Guardia 1, (152994) Building 029-S – Salones Nuevos Edificio DECEP, (153049) Building 058 – Residencia de Profesores, (153051) Building 131 – Edificio de Rectoría, (153052) Building 133 – Edificio Carlos Iñiguez, (153054) Building 137 – Edificio de Informática, (153057) Building 150 – Anfiteatro Ramón Frade, (202810) Building 138 – Decano Académico, (153068) Building 177 – Salones R.O.T.C., (250388) Building 001-C – Caseta Guardia 2, (261554) Building 263 E-3 Deposito de Carpinteria and will be working on the respective scope of work, as stated by FEMA.

The project considers several construction 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. 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 building's year of construction, it may be necessary lead or asbestos abatement.

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 SERVICES RELATED TO FEMA'S SOW

5.1.1 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 with the schematic design phase, for Scope of Work Alignment. The awarded proponent is responsible for preparing cost estimates for the mentioned SOW and any additional SOW as required by UPR for compliance with all internal and FEMA procedures. Also awarded proponent shall perform technical assessment of existing roof conditions 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.

5.1.2 The Awarded Proponent is responsible for verifying the SOW, Method of Repair (MOR), 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.

5.1.3 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.

5.1.4 The Awarded Proponent is responsible for notifying the UPR's representative in case of any change that may affect the primary SOW.

5.1.5 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.

5.1.6 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.

5.1.7 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.

5.1.8

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. Proposers should respond clearly and completely to all requirements. Failure to respond to each of the requirements in the RFP may be the basis for rejecting a proposal. The proponent must carefully examine the RFP documents. **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 a 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 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.

Request for Information (RFI)

An RFI or clarification shall be addressed by email to: uprecovery.rfp@upr.edu on or before the date established in this document and must reference this specific RFP (**RFP #DRO 24-006 / B00001**) 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 uprecovery.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 30 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 4 points)
- Indicate relevant experience in projects with FEMA grants. (up to 6 points)
- Please indicate whether you have experience working with public or federal entities, and years of experience performing like services. (up to 6 points)
- Provide specific examples of the services or tasks previously provided by the entity as considered in this RFP. (up to 8 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 3 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 and/or other qualifications per trades based on SOW.

Proponent references (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 designer(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.

Cost Proposal Breakdown (5 points)

- Provide Cost Estimate Breakdown based in SOW provided in **Appendix F** (5 points)

Cost Proposal (25 points) – Refer to Appendix D – Cost Proposal

- Proponent with lower proposal (25 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 (5 points) – Refer to Appendix D – Cost Proposal

- Proponent with lower % of fee for additional SOW (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.**

TABLE - SUMMARY OF POINTS

| Description | Points |
|--|---------------|
| Experience and strategy in providing the services | 30 |
| Team qualifications | 25 |
| Proponent references | 5 |
| Cost Proposal Breakdown | 5 |
| Cost Proposal | 25 |
| 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 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. 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).
- 15.2.2. 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.
- 15.2.3. 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 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.
- 15.2.3.1. 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.
- 15.2.3.2. 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.
- 15.2.3.3. 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:
- 15.2.3.3.1. Ownership of certain financial instruments or investments like stock, bonds, or real Estate.
- 15.2.3.3.2. 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 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. Proponent's Expenses

15.4.1. 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.

15.5. Selection of proposal in best interest of the UPR

15.5.1. 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.

15.6. Number of Awards

15.6.1. 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").

15.7. Withdrawal Proposals

15.7.1. 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.

15.8. SAM Registration

15.8.1. 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.

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

15.9.1. 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.

15.9.2. 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 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.

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

15.10. Ownership of Proposals

15.10.1. 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.

15.11. Confidentiality of Proposals

15.11.1. 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.

15.12. Collection and Use of Personal Information

15.12.1. 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.

15.13. RFP and Proposal as Part of Agreement

15.13.1. 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.

15.14. Non-Assignment

15.14.1. 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.

15.15. Causes for Disqualification

15.15.1. Failure to submit the proposal on or before the date and time deadline indicated in this RFP.

15.15.2. Failure to submit a fully completed proposal may be deemed nonresponsive.

15.15.3. Failure to submit appendix, form, certification, or required document may be ground for disqualification.

15.15.4. 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.

15.16. No Bid

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

15.17. Sub-Contracts or Consultants of the Awarded Proponent

15.17.1. All federal and state law and regulations requirements apply to sub-contractors. 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 CONTRACTS IN HAND

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

IV. EXECUTIVE SUMMARY

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

V. EXPERIENCE DESCRIPTION AND STRATEGY IN PROVIDING THE SERVICES

VI. 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 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. Personnel/Trade specialist mechanical, electrical, architectural, structural, civil and/or other qualifications per trades based on SOW.

I, _____ of _____ certified that the
(Representative's Name) (Name of Organization)
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 #DRO 24-006 / B00001

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 #DRO 24-006 / B00001

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 #DRO 24-006 / B00001** 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 #DRO 24-006 / B000001**

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 #DRO 24-006 / B00001

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

- (--) Bid Bond (5% de lo cotizado)
- (--) Performance & Payment Bond (100% de lo cotizado)
- (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
 Including the following endorsements:
 - (X) Hold Harmless Agreement
 - (X) Additional Insured
 - (X) Thirty (30) days cancellation notice
 - (X) Waiver of Subrogation
- (X) Auto
 Limits – Combined Single Limit of \$500,000
- (--) Owners & Contractors Protective Liability (in the name of the University of Puerto Rico – same limits as C.G.L.)
- (--) Installation &/or Transportation Floater (if needed)
- (--) Builder’s Risk
- (--) Pollution
- (X) Errors & Omissions / Professional Liability – Limits \$1,000,000

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 |
|--|--|---|

20. **APPENDIX D** **COST PROPOSAL**

COST PROPOSAL

**RE: Reconditioning of UPR Cayey Facilities,
 PW6681, PW7457, PW10328, PW10331
 RFP #DRO 24-006 / B00001**

***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.

| COST PROPOSAL | | | |
|---|--------------------------------|-----|--|
| Group PW #6681 – UPR Cayey (153060) Building 153 – Edificio de Recursos Físicos Isidoro Garay Rolón, (220853) Building 171 – Guardia Universitaria, (250386) Building 001-B – Caseta Guardia 1 | | | |
| 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 (Calendar Days) | FEE | % FEE for Additional SOW |
| BASIC Services: | | | |
| As-Built | ___ days | \$ | N/A |
| Schematic design | ___ days | \$ | N/A |
| Preliminary design | ___ days | \$ | N/A |
| Construction Documents | ___ days | \$ | N/A |
| Bidding and Negotiation | N/A | \$ | N/A |
| *Design Subtotal: | | \$ | N/A |
| Supervision: | ___ months x \$ ___ monthly | \$ | N/A |
| BASIC SERVICES TOTAL: | | \$ | N/A |
| **Reimbursable Expenses: For fees, stamps, and filing costs related to endorsements and permits from permit regulatory offices. | | \$ | N/A |
| _____ (\$ _____) Total Basic Services Total and Reimbursable expenses. Write the total amount in words and numbers. | | | Additional SOW Fee % _____ (Design subtotal + Supervision) / Estimated Cost |

Initials _____

*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.

The UPR reserves the right to adjust the Additional Services cost breakdown.

| Description of the possible Additional Services |
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The UPR establishes an amount of **\$6,000.00** for **Additional Services for PW6681**

| COST PROPOSAL | | | |
|---|-------------------------|-----------|--------------------------------|
| Group PW #7457 – UPR Cayey (152994) Building 029-S – Salones Nuevos Edificio DECEP | | | |
| 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 (Calendar Days) | FEE | % FEE for Additional SOW |
| BASIC Services: | | | |
| As-Built | ___ days | \$ | N/A |
| Schematic design | ___ days | \$ | N/A |
| Preliminary design | ___ days | \$ | N/A |
| Construction Documents | ___ days | \$ | N/A |
| Bidding and Negotiation | N/A | \$ | N/A |
| *Design Subtotal: | | \$ | N/A |
| Supervision: | _____ months x | \$ | N/A |

| | | | |
|--|-----------------|----|---|
| | \$_____ monthly | | |
| BASIC SERVICES TOTAL: | | \$ | N/A |
| **Reimbursable Expenses: For fees, stamps, and filing costs related to endorsements and permits from permit regulatory offices. | | \$ | N/A |
| _____ (\$_____) Total Basic Services Total and 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.

The UPR reserves the right to adjust the Additional Services cost breakdown.

| Description of the possible Additional Services |
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The UPR establishes an amount of **\$2,600.00** for **Additional Services for PW7457**

| COST PROPOSAL |
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| <p align="center">Group PW #10328 – UPR Cayey (153049) Building 058 – Residencia de Profesores, (153051) Building 131 – Edificio de Rectoría, (153052) Building 133 – Edificio Carlos Iñiguez, (153054) Building 137 – Edificio de Informática, (153057) Building 150 – Anfiteatro Ramón Frade, (202810) Building 138 – Decano Académico,</p> |
| 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 (Calendar Days) | FEE | % FEE for Additional SOW |
|--|-----------------------------------|-----|---|
| BASIC Services: | | | |
| As-Built | ___ days | \$ | N/A |
| Schematic design | ___ days | \$ | N/A |
| Preliminary design | ___ days | \$ | N/A |
| Construction Documents | ___ days | \$ | N/A |
| Bidding and Negotiation | N/A | \$ | N/A |
| *Design Subtotal: | | \$ | N/A |
| Supervision: | _____ months x \$_____ monthly | \$ | N/A |
| BASIC SERVICES TOTAL: | | \$ | N/A |
| **Reimbursable Expenses: For fees, stamps, and filing costs related to endorsements and permits from permit regulatory offices. | | \$ | N/A |
| _____ (\$_____) Total Basic Services Total and Reimbursable expenses. Write the total amount in words and numbers. | | | Additional SOW Fee %_____ (Design subtotal + Supervision) / Estimated Cost |

*The Design 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.

The UPR reserves the right to adjust the Additional Services cost breakdown.

| Description of the possible Additional Services |
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The UPR establishes an amount of **\$19,000.00** for **Additional Services for PW10328**

| COST PROPOSAL | | | |
|--|-------------------------------|-----------|---|
| Group PW #10331 – UPR Cayey (153068) Building 177 – Salones R.O.T.C., (250388) Building 001-C – Caseta Guardia 2, (261554) Building 263 E-3 Deposito de Carpinteria | | | |
| 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 (Calendar Days) | FEE | % FEE for Additional SOW |
| BASIC Services: | | | |
| As-Built | ___ days | \$ | N/A |
| Schematic design | ___ days | \$ | N/A |
| Preliminary design | ___ days | \$ | N/A |
| Construction Documents | ___ days | \$ | N/A |
| Bidding and Negotiation | N/A | \$ | N/A |
| *Design Subtotal: | | \$ | N/A |
| Supervision: | ___ months x \$___ monthly | \$ | N/A |
| BASIC SERVICES TOTAL: | | \$ | N/A |
| **Reimbursable Expenses: For fees, stamps, and filing costs related to endorsements and permits from permit regulatory offices. | | \$ | N/A |
| _____ (\$_____) Total Basic Services Total and 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.

The UPR reserves the right to adjust the Additional Services cost breakdown.

| Description of the possible Additional Services |
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The UPR establishes an amount of **\$1,300.00** for **Additional Services for PW10331**

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

| Fees for Professional Services | |
|---------------------------------------|---------------------|
| | Fee per hour |
| | |
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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 _____

Addendum No. 2– Description: _____

Date _____

Addendum No. 3– Description: _____

Date _____

Initials _____

No Addendum was received in connection with this RFP. If no Addenda is 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: | |
| Mail Address: | |
| Physical Address: | |
| Phone Number: | |
| Fax Number: | |
| E-mail: | |

Seal (if Bidder is a Corporation)

Initials _____

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

Response Checklist

Note: Before submitting the proposal to this RFP, please review the following:

- Did you include a Letter of Intent identifying the name and number of the RFP, date of submittal, 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?
- Do you have an **Active** Registration on SAM.gov?
- Did you complete and sign Appendix A - Statement of the Bidder?
- Did you fully complete Part 1 through 6 in the Statement of the Bidder, Appendix A?
- Did you attach the resumes of all firm personnel teamwork (or/and sub-contractors, specialized trades consultants, if any) who will be providing the services?
- Did you fully complete and include the additional SOW Fee Percentage (%) in Appendix D – Cost Proposal?
- If any space does not apply in Appendix D – Cost Proposal, did you put (N/A) or other information?
- Did you acknowledge the Addendums in Appendix D – Cost Proposal, if applicable?
- Did you **sign** and **seal** Appendix D – Cost Proposal following the instruction in Section 7 - REQUIRED DOCUMENTS FOR THE SUBMISSION OF THE PROPOSAL?
- Did you include a Cost Estimate Breakdown based on SOW provided in Appendix F – Scope of Work?
- Did you complete and include the required Federal Documents in Appendix B (Lobbying Certification, Non-Conflict of Interest Certification and Limited Denial of Participation Affidavit)?
- Did you include a color copy of the engineer's or architect's professional ID (Identificación de Colegiación) and a copy of the Department of State License?
- Did you include a copy of initialized RFP and its Appendices?
- Before signing and submitting the proposal for this Project, did you carefully review the Appendix E – Response Checklist?

Initials _____

22. APPENDIX F
SCOPE OF WORK

I. GENERAL DATA OF THE PROJECT:

Campus: UPR Cayey

PW # 6681:

DI: 153060 Building 153 – Edificio de Recursos Físicos Isidoro Garay Rolón
DI: 220853 Building 171 – Guardia Universitaria
DI: 250386 Building 001-B – Caseta Guardia 1

PW # 7457:

DI: 152994 Building 029-S – Salones Nuevos Edificio DECEP

PW # 10328:

DI: 153049 Building 058 – Residencia de Profesores
DI: 153051 Building 131 – Edificio de Rectoría
DI: 153052 Building 133 – Edificio Carlos Iñiguez
DI: 153054 Building 137 – Edificio de Informática
DI: 153057 Building 150 – Anfiteatro Ramón Frade
DI: 202810 Building 138 – Decano Académico

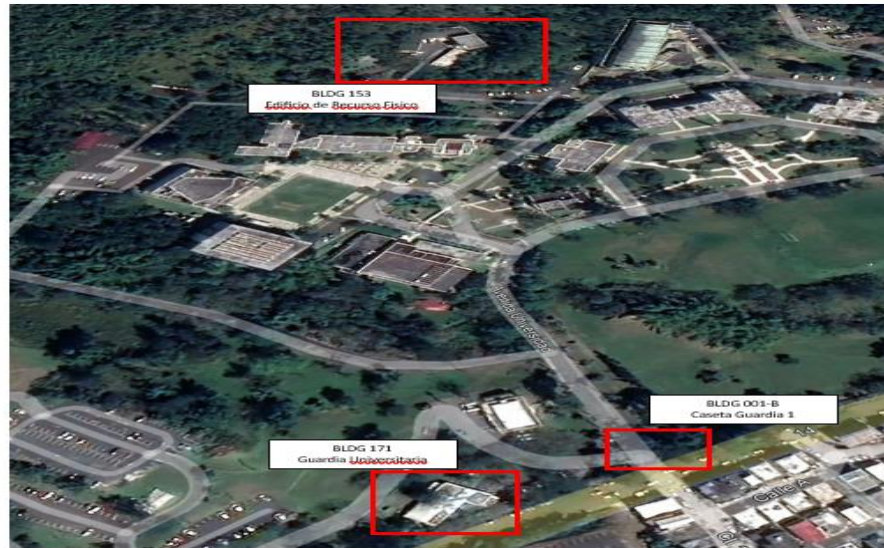
PW # 10331:

DI: 153068 Building 177 – Salones R.O.T.C.
DI: 250388 Building 001-C – Caseta Guardia 2
DI: 261554 Building 263 E-3 Deposito de Carpintería

II. PROJECTS DESCRIPTION, LOCATION PLAN AND SCOPES:

a. PROJECT PW 6681

i. LOCATION PLAN



ii. GENERAL DESCRIPTION

a. Building 153: Edificio de Recurso Físicos Isidoro Garay Rolón

The "Edificio de Recursos Físicos Isidoro Garay Rolón" is a 9,860 SF Maintenance building, that was constructed in 1983 (34 years old). The main section of the building is two (2) story that protrudes approximately 12 additional feet above the remaining portion of the roughly "C" shaped structure, which is one story. The building is a cast in place reinforced concrete and built-up roofing system. The interior includes a reinforced concrete floor slab on grade. Interior finishes generally consist of suspended acoustic ceilings, painted plastered or concrete walls, and 12 IN x 12 IN vinyl and ceramic tiles flooring. This facility has an elevator, as well as two accessory structures. One is a 3,185 SF canopy for maintenance vehicles and the other is a 1,400 SF structure for maintenance equipment. **Approx. Year Built: 1983. GPS Latitude/Longitude: 18.11967, -66.16325**

b. Building 171: Edificio de Guardia Universitaria

The UPR Cayey Edificio 171 Guardia Universitaria (1-71) building is a 4,892 SF, single story office guard house that was constructed in 1983 (34 years by the time of the storm event). The building is an L-shaped, cast in place, reinforced concrete building with a reinforced concrete roof. A corrugated metal roof system with a two-foot roof overhang is located over an open portion of 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. **Approx. Year Built: 1983. GPS Latitude/Longitude: 18.11558, -66.16268**

c. Building 001-B: Caseta Guardia 1

The building is a cast in place, reinforced concrete building and roof with an elastomeric coating roofing system over a three-foot roof overhang on the north and east side and a two-foot overhang on the south and west side for 196 SF of the roof. The exterior consists of painted concrete walls, metal jalousie windows, and fixed plexiglass. The interior includes reinforced concrete bearing walls with a reinforced concrete floor slab on grade. Interior finishes generally consist of painted concrete and ceramic floor tile. **Approx. Year Built:** 1988. **GPS Latitude/Longitude:** 18.11580, -66.16213

iii. SCOPE OF WORK – FEMA

| PW 6681 - BUILDING 153 Edificio de Recurso Físicos Isidoro Garay Rolón (153060) | |
|--|---|
| {00-001} Roofing System: | |
| 1 | Remove and replace 1,071 SF of BUR membrane 3-ply. |
| 2 | Remove and replace, 2 each of Galvanized , Type C Shape Beam, 2 IN x 6 IN Canopy , 16 FT long. |
| {00-002} Openings: | |
| 1 | Remove and replace, 1 each of Aluminum Jalousie Type Window, 2 FT long x 2 FT wide. |
| 2 | Remove and replace, 4 each of Acrylic Type Skylight, 4 FT long x 4 FT wide. |
| {00-005} Mechanical: | |
| 1 | Remove and replace, 1 each of TCV3 042A AC unit, 12,000 BTU. |
| 2 | Remove and replace, 1 each of elevator enclosure, 3/8 IN acrylic panel, 3 FT x 5 FT. |
| 3 | Remove and replace, 1 each of elevator enclosure, 3/8 IN acrylic panel, 6 FT x 4 FT. |
| 4 | Remove and replace, 1 each of Metal Type Roof Guard Drain, 6-inch diameter. |
| {00-006} Electrical: | |
| Room # 110 (12 FT x 15 FT): | |
| 1 | Building Interior, 3 each of T-8, Fluorescent Troffer Lighting Fixtures, 4 FT long x 2 FT wide. |
| Second Floor: | |
| 1 | Building Exterior, 1 each of Fluorescent, 2 -Tube Type Troffer Lighting Fixtures , 4 FT long x 2 FT wide. |
| {00-009} Finishes: | |
| Entire Building: | |
| 1 | Surface preparation and paint, 9,760 SF of Concrete Type Painted Surfaces. |
| First Floor: | |
| Bathroom 107 (8 FT x 10 FT): | |
| 1 | Remove and replace, 80 SF of Mineral Fiber Type Acoustic Ceiling Tiles, 4 FT long x 2 FT wide. |
| Bathroom 110 (12 FT x 15 FT): | |
| 1 | Building Interior, 180 SF of Mineral Fiber Type Acoustic Ceiling Tiles, 4 FT long x 2 FT wide. |
| Lobby (9 FT x 19 FT): | |

| | |
|---|---|
| 1 | Remove and replace, 171 SF of Mineral Fiber Type Acoustic Ceiling Tiles, 4 FT long x 2 FT wide. |
| Locker Room (10 FT x 10 FT): | |
| 1 | Remove and replace, 100 SF of Mineral Fiber Type Acoustic Ceiling Tiles, 4 FT long x 2 FT wide. |
| Mechanic Storage (22 FT x 32 FT): | |
| 1 | Surface preparation and paint, 30 SF of Concrete Type Ceiling Paint. |
| Second Floor: | |
| Office 203 (12 FT x 15 FT): | |
| 1 | Remove and replace, 90 SF of Mineral Fiber Acoustic Ceiling Tiles, 4 FT long x 2 FT wide. |
| Office 205 (14 FT x 24 FT): | |
| 1 | Remove and replace, 80 SF of Mineral Fiber Type Acoustic Ceiling Tiles, 4 FT long x 2 FT wide. |
| {00-012} Security: | |
| 1 | Remove and replace, 3 each of security camera. |
| Hazard Mitigation Proposal (HMP) Scope of Work: | |
| 1. Additional Membrane to Built-up Roof (Supplementary Mitigation) | |
| | Provide and applying 1071 S.F. of SBS modified bituminous membrane, heavyweight base sheet, 87 to 120 mil thick. |
| 2. Openings Mitigation (Replacement Mitigation) | |
| | Replace 4 EA of (4 FT x 4 FT) fixed acrylic dome skylights, curb mounted, with 4 EA of (4 FT x 4 FT) hurricane-rated fixed polycarbonate dome skylights, double glazed and curb mounted, to provide greater wind-borne debris impact resistance and reduce the risk of water infiltration. (Removal of 4 EA skylights addressed in PA SOW). <i>-Install with corrosion-resistant screws to the existing curb, according with manufacturer's fasteners schedule, to provide greater high wind uplift resistance and reduce the risk of water infiltration.</i> |
| 3. Equipment Mitigation (Supplementary Mitigation) | |
| | Install 1 EA of surge protector to protect one (1) 3 ton (36,000 BTU) split A/C unit from power voltage surges. |

| | |
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| PW 6681 – BUILDING 171 – Guardia Universitaria (220853) | |
| Building Damage: | |
| {00-000} Roof Exterior: | |
| 1 | Remove and replace, 2,417 SF of asphalt membrane roofing system, 4-ply. |
| Hazard Mitigation Proposal (HMP) Scope of Work: | |
| Additional Membrane to Built-up Roof (Supplementary Mitigation) | |
| 1 | Provide and applying 2,417 S.F. of SBS modified bituminous membrane, heavyweight base sheet, 87 to 120 mil thick. |

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| PW 6681 - BUILDING 001-B Caseta de Guardia 1 (250386) |
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|---|--|
| {00-001} General: | |
| 1 | Remove and replace, 1 each of window, aluminum jalousie 2FT x 2FT |
| 2 | Remove and replace, 2 each of window, aluminum jalousie 2FT x 4FT |
| 3 | Remove and replace, 1 each of window, plexiglass 4FT x 4FT |
| 4 | Surface preparation and paint, 414 SF of wall paint damage. |
| 5 | Remove and replace, 1 each of incandescent, 1 bulb, surface mounted lamp. |
| {00-002} Load Path: | |
| 1 | Remove and replace, 196 SF of 6IN reinforced concrete roof slab, 14.5 FT long x 13.5 FT wide. |
| 2 | Remove and replace, 56SF of 6IN thick wall, parapet, concrete, painted, 56FT long x 1 FT high. |
| {00-003} Roofing System: | |
| 1 | Surface preparation and paint, 196 SF of elastomeric paint sealer. |
| {01-001} General Interior: | |
| 1 | Surface preparation and paint, 132 SF of ceiling paint damage. |
| 2 | Surface preparation and paint, 414 SF of wall paint damage. |
| 3 | Remove and replace, 1 each of 2 tubes, T-8 Light, Fluorescent, Prismatic Lens, (2 FT x 2 FT). |
| Hazard Mitigation Proposal (HMP) Scope of Work: | |
| 1. Steel Panel Storm Shutters (Supplementary Mitigation) | |
| | <p style="text-align: center;">a. Provide and Install 200 SF of Steel panel storm shutter, installation included. (Exterior accessibility required for installation before event.)</p> <p style="text-align: center;"><i>Supplementing the following PA SOW line Item:</i></p> <p style="margin-left: 40px;">a. Remove and replace, 1 each of window, aluminum jalousie 2FT x 2FT</p> <p style="margin-left: 40px;">b. Remove and replace, 2 each of window, aluminum jalousie 2FT x 4FT</p> <p>Mitigation Strategy: Storm shutters offer a mitigation alternative, when window and door replacement is not feasible, by providing protection from high velocity wind, debris impact and water intrusion.</p> <p><i>NOTE: Panel shutters prove problematic for a number of reasons: They require additional effort to install (especially above the first floor), require maintenance to keep them in good working order, and are often lost or misplaced in times of need. For these reasons special consideration should be taken to include these items, other shutter types should be considered first. FEMA terms this an "Active Mitigation Measure" which is generally only included when there is no better alternative. Active mitigation measures should be discussed with Applicant to determine feasibility.</i></p> |
| 2. Additional Membrane to Built-up Roof (Supplementary Mitigation) | |
| | <p style="text-align: center;">a. Provide and applying 200 S.F. of SBS modified bituminous membrane, heavyweight base sheet, 87 to 120 mil thick.</p> <p style="text-align: center;"><i>Supplementing the following PA SOW line Item:</i></p> <p style="margin-left: 40px;">b. Surface preparation and paint, 196 SF of elastomeric paint sealer.</p> |

Mitigation Strategy: 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.

b. PROJECT PW 7457
i. LOCATION PLAN



ii. GENERAL DESCRIPTION

a. Building 029-S: Salones Nuevos Edificio DECEP

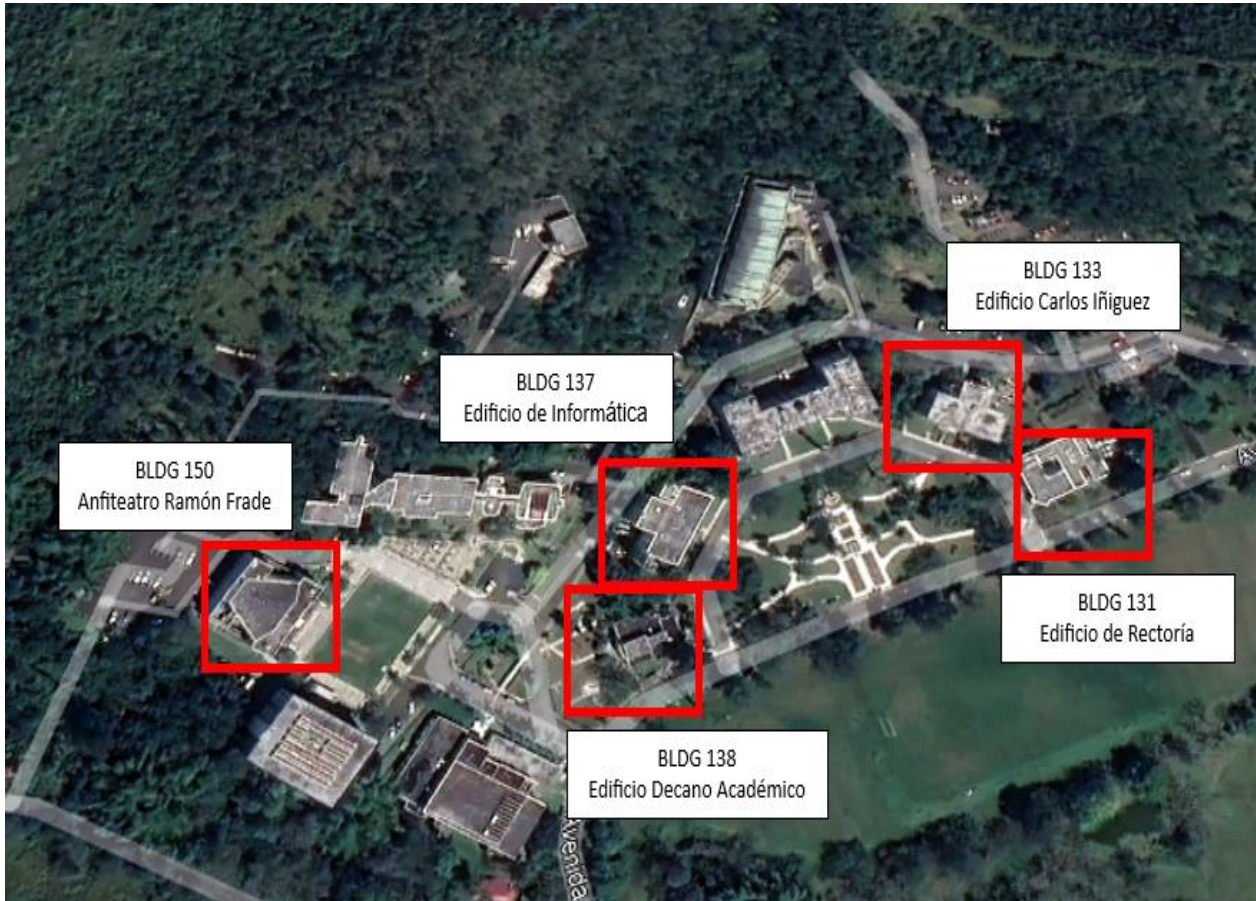
- The building is a site cast, constructed in 1997 and is 22 years old, reinforced concrete building with a reinforced concrete roof with a bituminous built-up roof system over a two-foot roof overhang and 2-foot concrete fascia with the main roof that includes an additional two-foot height for 7,776 SF of the roof. 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. **Approx. Year Built: 1997. GPS Latitude/Longitude: 18.11744, -66.15469**

iii. SCOPE OF WORK – FEMA

| PW 7457 - BUILDING 029-S SALONES NUEVO EDIFICIO DECEP (152994) | |
|---|--|
| General: | |
| 1 | Remove and replace, 1 each of window, glass jalousie 3 FT x 5 FT. |
| Exterior walkway acrylic dome canopy: | |
| 1 | Remove and replace, 4 each of roof, 1 IN curved acrylic glass, 7 FT diameter, ALU frame on top of a steel frame. |

| | |
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| Roofing System: | |
| 1 | Remove and replace, 2,721 SF of modified Bitumen with granular surface. |
| First Floor Room 110 Hallway (10 FT x 75 FT): | |
| 1 | Remove and replace, 750 SF of ceiling, 2 FT x 2 FT acoustic tile. |
| First Floor Room 117 Computer Room (20 FT x 25 FT): | |
| 1 | Remove and replace, 500 SF of ceiling, 2 FT x 2 FT acoustic tile. |
| 2 | Remove and replace, 500 SF of floor, carpet, commercial grade. |
| First Floor Room 116 (20 FT x 25 FT): | |
| 1 | Remove and replace, 500 SF of ceiling, 2 FT x 2 FT acoustic tile. |
| 2 | Remove and replace, 500 SF of floor, carpet, commercial grade. |
| First Floor Room 115A (20 FT x 12 FT): | |
| 1 | Remove and replace, 240 SF of ceiling, 2 FT x 2 FT acoustic tile. |
| 2 | Remove and replace, 240 SF of floor, carpet, commercial grade. |
| First Floor Room 114 (20 FT x 25 FT): | |
| 1 | Remove and replace, 500 SF of ceiling, 2 FT x 2 FT acoustic tile. |
| 2 | Remove and replace, 2 each of light, 2 FT x 2 FT fluorescent, 2 tube, recessed. |
| 3 | Remove and replace, 500 SF of floor, carpet, commercial grade. |
| First Floor Room 113 (20 FT x 25 FT): | |
| 1 | Remove and replace, 500 SF of ceiling, 2 FT x 2 FT acoustic tile. |
| 2 | Remove and replace, 500 SF of floor, carpet, commercial grade. |
| 01-012: | |
| 1 | Prepare and remediate, 7,000 SF of mold abatement. |
| Hazard Mitigation Proposal (HMP) Scope of Work | |
| Roof Mitigation: | |
| | <p>PA SOW includes the removal and replacement of 2,721 SF of 7,000 SF - SBS modified bituminous system. To prevent similar damages in the future, HM will remove and replace the entire roofing system, including 4,279 SF of undamaged SBS modified bituminous system for a more comprehensive mitigation measure and protect interior finishes and contents.</p> <ol style="list-style-type: none"> 1. Remove 4,279 SF of modified bitumen with granular surface. 2. Install 4,279 SF of SBS modified bituminous system. The mitigation measure proposed includes the complete roof waterproofing membrane replacement to prevent Hurricane related damages to the interior content. 3. Install 373 LF of peel-stop bar on roof edges to prevent uplift of flashing and roof membrane and reinforce all exterior corners. |
| Opening Mitigation: | |
| | <ol style="list-style-type: none"> 1. Replace and install 1 each – 3 FT wide x 5 FT high glass jalousie window, using an impact resistant unit. 2. Apply silicone caulking over 16 LF (16 LF x 1 EA) of window interior perimeter. (Supplementary mitigation) |

c. PROJECT PW 10328
i. LOCATION PLAN





ii. GENERAL DESCRIPTION

a. Building 058: Residencia de Profesores

The building is a single story, 1,344 SF, cast in place, reinforced concrete building with a reinforced concrete roof, with a bituminous built-up roof system over a two foot roof overhang. The interior includes reinforced concrete bearing walls with a reinforced concrete floor slab on grade. Interior finishes generally consist of painted concrete or drywall walls and vinyl floor tile. **Approx. Year Built: 1945. GPS Latitude/Longitude: 18.11650, -66.15297**

b. Building 131: Edificio Rectoría

The building is a cast in place, reinforced concrete building with a reinforced concrete roof with a bituminous built-up roof system and 1.5-foot concrete parapet panels within the main roof. The interior includes reinforced concrete bearing walls with a reinforced concrete floor slab 2 FT above grade. Interior finishes generally consist of suspended acoustic ceiling, painted concrete or drywall and vinyl floor tiles. **Approx. Year Built: 1930. GPS Latitude/Longitude: 18.11832, -66.16105**

c. Building 133: Edificio Carlos Iñiguez

This is a four-story cast in place, reinforced concrete walls and roof building with an elevator. It has three finished floors and an unfinished basement. The roof is flat, modified bitumen with a granular surface. Total SF of roof is 7,424 SF. The interior finishes generally consist of suspended acoustic ceiling, painted concrete walls and drywall and 1 ft. X 1 ft. Vinyl Composition Tiles (VCT) on floor. The building was in use at the time of the event and it is listed in the National Register Places (NRHP). **Approx. Year Built: 1930. GPS Latitude/Longitude: 18.11891, -66.16139**

d. Building 137: Edificio de Informática

The building is a 4 story, cast in place, reinforced concrete building with a reinforced concrete roof. It has three finished floors. The roof is flat, 4 ply bitumen membrane surface. The interior finishes generally consist of suspended acoustic ceiling, painted concrete, or painted drywall and 12 IN x 12 IN vinyl tile floor. **Approx. Year Built:** 1945. **GPS Latitude/Longitude:** 18.11821, -66.16245

e. Building 150: Anfiteatro Ramón Frade

The UPR Cayey Edificio 150 Anfiteatro Ramón Frade (1-50) building is a 17,505 SF, two-story theatre building that was constructed in 1971 (49 years old). The building is a cast in place, reinforced concrete building, with a reinforced concrete roof with a bituminous built-up 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 or drywall, manufactured wall panels and vinyl, terrazzo, and ceramic floor tile. **Approx. Year Built:** 1971. **GPS Latitude/Longitude:** 18.11783, -66.16392

f. Building 138: Decano Académico

The building, built around 1930, is a 3 story, cast in place, reinforced concrete building with partial 3rd floor and reinforced concrete roofs with 2.5 foot high concrete parapets, reinforced concrete walls and floors. Interior finishes generally consist of suspended acoustic ceilings, painted concrete or drywall and 12 x 12 IN vinyl tile. Historical significance: the UPR Cayey campus is located at the historical site of the United States Army "65th Infantry" base and "Henry Barracks" in honor of the 3rd Military Governor of Puerto Rico and Medal of Honor recipient Major General Guy Vernor Henry. Henry Barracks, of the 65th Infantry Regiment of the U.S. Army closed its post in 1965. Most of the land and existing buildings were transferred to the University of Puerto Rico and opened the University of Puerto Rico at Cayey campus in 1967. Because of its age it is of value to investigate for historic significance and if it qualifies to be on the National Register of Historic Places. The building is used for classrooms and offices. **Approx. Year Built:** 1930. **GPS Latitude/Longitude:** 18.11777, -66.16257

iii. SCOPE OF WORK – FEMA

| PW 10328 – BUILDING 058: Residencia de Profesores (153049) | |
|---|--|
| {00-001} General: | |
| 1 | Remove and replace in-kind 1 each of aluminum HC door and frame, 3 FT wide x 7 FT high |
| {00-002} Roofing System: | |
| 1 | Remove and replace in-kind 1,725 SF of bituminous built-up roof membrane |
| 2 | Remove and replace in-kind 12 IN roof flashing, 26 gauge, 178 LF long |
| {01-003} General: | |
| 1 | Clean, prepare and paint in-kind 178 SF of building interior painted surface |
| {01-004} Room 1 (11 FT x 11 FT): | |
| 1 | Remove and replace in-kind 4 IN vinyl cove base, 44 LF long |
| 2 | Remove and replace in-kind 121 SF of VCT floor, 12 IN x 12 IN each tile, 11 FT long x 11 FT wide |

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| {01-005} Room 2 (12 FT x 15 FT): | |
| 1 | Remove and replace in-kind 1 each of 3 TON, AC unit, split system |
| 2 | Remove and replace in-kind 1 each of plastic screen with aluminum frame, 3 FT wide x 7 FT high |
| 3 | Repair in-kind 1 each of electrical panel board, 1 PH, 100 A, 120/240V, 16 provisions |
| 4 | Remove and replace in-kind 4 each of 1 pole, 120V, 20A, electrical breakers, 120 Volt |
| 5 | Remove and replace in-kind 1 each of 2 pole, 240V, 30A electrical breaker, 240 Volt |
| 6 | Remove and replace in-kind 1 each of 2 pole, 240V, 50A electrical breaker, 240 Volt |
| {01-006} Room 3 (11 FT x 12 FT): | |
| 1 | Remove and replace in-kind 4 IN vinyl cove base, 46 LF long |
| 2 | Remove and replace in-kind 132 SF of VCT floor, 12 IN x 12 IN each tile |
| {01-007} Room 4 Living Room (12 FT x 16 FT): | |
| 1 | Remove and replace in-kind 2 each of window plastic screen with aluminum frame, 3 FT wide x 4 FT high |
| 2 | Remove and replace in-kind 1 each of 3 TON, AC unit, split system |
| 3 | Remove and replace in-kind 4 IN vinyl cove base, 56 LF long |
| 4 | Remove and replace in-kind 192 SF of VCT floor, 12 IN x 12 IN each tile |
| {01-008} Room 5 (11 FT x 12 FT): | |
| 1 | Remove and replace in-kind 1 each of 3 TON, AC unit, split system |
| 2 | Remove and replace in-kind 2 each of fluorescent, 4 tube, surface mounted light fixtures, 4 FT long x 2 FT wide |
| 3 | Remove and replace in-kind 4 IN vinyl cove base, 46 LF long |
| 4 | Remove and replace in-kind 132 SF of VCT floor, 12 IN x 12 IN each tile |
| {01-009} Room 6 (10 FT x 24 FT) + (12 FT x 18 FT): | |
| 1 | Remove and replace in-kind 1 each of 4 TON, AC unit, split system |
| 2 | Remove and replace in-kind 2 each of fluorescent, 4 tube, surface mounted light fixtures, 4 FT long x 2 FT wide |
| 3 | Remove and replace in-kind 4 IN vinyl cove base, 128 LF long |
| 4 | Remove and replace in-kind 456 SF of VCT floor, 12 IN x 12 IN each tile |
| {01-010} Bathroom 1 (5 FT x 6 FT): | |
| 1 | Remove and replace in-kind 4 IN vinyl cove base, 22 LF long |
| 2 | Remove and replace in-kind 30 SF of VCT floor, 12 IN x 12 IN each tile |
| {01-011} Bathroom 2 (4 FT x 6 FT) | |
| 1 | Remove and replace in-kind 4 IN vinyl cove base, 20 LF long |
| 2 | Remove and replace in-kind 24 SF of VCT floor, 12 IN x 12 IN each tile |
| {01-012} Bathroom 3 (3 FT x 6 FT): | |
| 1 | Remove and replace in-kind 4 IN vinyl cove base, 18 LF long |
| 2 | Remove and replace in-kind 18 SF of VCT floor, 12 IN x 12 IN each tile |
| Hazard Mitigation Proposal (HMP) Scope of Work: | |
| 1. | When "Replacing 1725 SF of bituminous built-up roof", <i>"Add additional 1725 sq of Mopping, coal tar, 30 pounds per square in order to apply Second Roof deck insulation to enhance waterproofing and increase resiliency."</i> |

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| | 2. When "Remove and replace 1725 SF of Roof deck insulation, polyisocyanurate, 3-1/2" thick, 2#/CF density, fastening excluded", " Add additional 1725 SF of Roof deck insulation, polyisocyanurate, 3-1/2" thick, 2#/CF density, fastening excluded to increase resiliency " |
| | 3. When "Remove and Replace 1725 sq of Roll roofing, asphalt, 1 ply #15 organic felt, 1 ply mineral surfaced, selvage roofing, lap 19", nailed & mopped", " Add Secondary 1725 sq of Roll roofing, asphalt, 1 ply #15 organic felt, 1 ply mineral surfaced, selvage roofing, lap 19", nailed & mopped to increase resiliency |

| PW 10328 – BUILDING 131: Edificio Rectoría (153051) | |
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| {00-001} General: | |
| 1 | Clean, prepare and paint in-kind 1,623 SF of concrete walls |
| 2 | Repair in-kind 16 SF of 1/4 IN Thick plaster, 4 FT long x 4 FT wide |
| 3 | Clean, prepare and paint in-kind 16 SF of concrete wall soffit painted, 4 FT long x 4 FT high |
| 4 | Remove and replace in-kind 16 SF of corrugated metal wall panels, 4 FT long x 4 FT high |
| 5 | Replace in-kind 1 each of 26-gauge, 12 IN, fascia trim wall, 16 LF long |
| 6 | Remove and replace in-kind 1 each of CARRIER Brand Air Conditioner, 12.5 Tons |
| 7 | Remove and replace in-kind 1 each of LENNOX Brand Air Conditioner, 15 Tons |
| 8 | Remove and replace in-kind 1 each of Hi-Pressure Sodium Pendant Type Lamp Fixtures, 150 Watt |
| 9 | Remove and replace in-kind 50 SF of corrugated metal cover siding for HVAC duct, 24ga type |
| 10 | Remove and replace in-kind 50 SF of wrapped hard board insulation type exterior HVAC Duc |
| {00-002} Roofing System: | |
| 1 | Remove and replace in-kind 8,820 SF of BUR rolled membrane type waterproofing system |
| 2 | Remove and replace in-kind 14 each of acrylic type skylight, semi-circular - 3FT- 4IN (W) x 22 FT (L) x 1 FT- 8IN (H) |
| 3 | Remove and replace in-kind metal flashing, 3,800 LF long |
| {00-003} General: | |
| 1 | Clean, prepare and paint in-kind 4,869 SF of concrete and drywall painted |
| {00-004} Corridor A (5 FT x 46 FT): | |
| 1 | Remove and replace in-kind 230 SF of mineral fiber suspended acoustic ceiling tiles, 2 Ft x 2 Ft each tile, 46 FT long x 5 FT wide |
| 2 | Repair in-kind 230 SF of suspended grid metal ceiling, 46 FT long x 5 FT wide |
| 3 | Remove and replace in-kind 230 SF of vinyl floor tiles, 46 FT long x 5 FT wide |
| {00-005} Room 121 Meeting Room A (24 FT x 25 FT): | |
| 1 | Remove and replace in-kind 600 SF of suspended decorative mineral fiber acoustic ceiling tiles, 2 Ft x 2 Ft each tile, 25 FT long x 24 FT wide |
| 2 | Remove and replace in-kind 600 SF of suspended grid metal ceiling, 25 FT long x 24 FT wide |
| 3 | Remove and replace in-kind 100 SF of carpet covered wall, 10 FT long x 10 FT high |
| 4 | Remove and replace in-kind 33 SF of base tiles, 100 LF long x 0.33 FT wide |
| 5 | Remove and replace in-kind 600 SF of commercial grade floor carpet, 25 FT long x 24 FT wide |

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| {00-006} Room 123 Meeting Room B (14 FT x 18 FT): | |
| 1 | Remove and replace in-kind 252 SF of mineral fiber suspended acoustic ceiling tiles, 2 Ft x 2 Ft each tile, 18 FT long x 14 FT wide |
| 2 | Remove and replace in-kind 252 SF of suspended grid metal ceiling, 18 FT long x 14 FT wide |
| 3 | Remove and replace in-kind 6 each of fluorescent 3 tube troffer lighting fixtures, 4 FT long x 2 FT wide |
| {00-007} Room 105C Rector Office (20 FT x 24 FT): | |
| 1 | Remove and replace in-kind 480 SF of suspended, mineral fiber decorative acoustic ceiling tiles, 2 Ft x 2 Ft each tile, 24 FT long x 20 FT wide |
| 2 | Remove and replace in-kind 480 SF of suspended grid metal ceiling, 24 FT long x 20 FT wide |
| 3 | Remove and replace in-kind 9 each of fluorescent, 3 tube troffer lighting fixtures, 4 FT long x 2 FT wide |
| 4 | Remove and replace in-kind 90 SF of carpet covered wall, 9 LF long x 10 FT high |
| 5 | Remove and replace in-kind 4 IN wood base, 88 LF long |
| 6 | Remove and replace in-kind 480 SF of commercial grade floor carpet, 24 FT long x 20 FT wide |
| {00-008} Room 105B Closet (6 FT x 8 FT): | |
| 1 | Remove and replace in-kind 48 SF of suspended mineral fiber acoustic ceiling tiles, 2 Ft x 2 Ft each tile, 8 FT long x 6 FT wide |
| 2 | Remove and replace in-kind 48 SF of suspended metal ceiling grid, 8 FT long x 6 FT wide |
| 3 | Remove and replace in-kind 1 each of fluorescent, 3-tube troffer lighting fixtures, 4 FT long x 2 FT wide |
| {00-009} Room 105 Secretary (14 FT x 23 FT): | |
| 1 | Remove and replace in-kind 322 SF of suspended, mineral fiber acoustic ceiling tiles, 2 Ft x 2 Ft each tile, 23 FT long x 14 FT wide |
| 2 | Remove and replace in-kind 322 SF of suspended metal ceiling grid, 23 FT long x 14 FT wide |
| 3 | Remove and replace in-kind 322 SF of 1/4 In plaster textured finish wall, 23 FT long x 14 FT high |
| 4 | Remove and replace in-kind 3 each of fluorescent 3 tube troffer lighting fixtures, 4 FT long x 2 FT wide |
| {00-010} Room 104 (15 FT x 17 FT): | |
| 1 | Remove and replace in-kind 255 SF of suspended acoustic ceiling tiles, 4 Ft x 2 Ft each tile, 17 FT long x 15 FT wide |
| 2 | Remove and replace in-kind 255 SF of suspended metal ceiling grid, 17 FT long x 15 FT wide |
| 3 | Remove and replace in-kind 6 each of fluorescent, 4 tube recessed light fixtures, 4 FT long x 2 FT wide |
| 4 | Remove and replace in-kind 255 SF of VCT floor, 12 IN x12 IN each tile, 17 FT long x 15 FT wide |
| {00-011} Room 103 (14 FT x 14 FT): | |
| 1 | Remove and replace in-kind 4 each of fluorescent 4 tube troffer lighting fixtures, 4 FT long x 2 FT wide |
| 2 | Clean, prepare and paint in-kind 196 SF of suspended, mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile, 14 FT long x 14 FT wide |
| 3 | Remove and replace in-kind 196 SF of floor carpet, 14 FT long x 14 FT wide |
| 4 | Remove and replace in-kind 196 SF of suspended metal ceiling grid, 14 FT long x 14 FT wide |

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| {00-012} Room 102 Special Assistant (13 FT x 17 FT): | |
| 1 | Clean, prepare and paint in-kind 130 SF of interior concrete walls, 13 FT long x 10 FT high |
| 2 | Remove and replace in-kind 221 SF of suspended, mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile, 17 FT long x 13 FT wide |
| 3 | Remove and replace in-kind 4 each of fluorescent, 4 tube troffer lighting fixtures, 4 FT long x 2 FT wide |
| 4 | Remove and replace in-kind 221 SF of Vinyl Composition Type (VCT) floor tiles, 1 Ft x 1 Ft each tile, 17 FT long x 13 FT wide |
| 5 | Remove and replace in-kind 221 SF of suspended metal ceiling grid, 17 FT long x 13 FT wide |
| {00-013} Room 106 Institutional Research (11 FT x 16 FT): | |
| 1 | Remove and replace in-kind 17.82 SF of vinyl base, 54 LF long x 0.33 FT wide |
| 2 | Remove and replace in-kind 176 SF of Vinyl Composition Type, (VCT) floor tiles, 1 ft. X 1 Ft each tile, 16 FT long x 11 FT wide |
| 3 | Remove and replace in-kind 176 SF of suspended, mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile, 16 FT long x 11 FT wide |
| 4 | Remove and replace in-kind 3 each of fluorescent, 4 tube troffer lighting fixtures, 4 FT long x 2 FT wide |
| 5 | Remove and replace in-kind 176 SF of suspended metal ceiling grid, 16 FT long x 11 FT wide |
| {00-014} Room 115 Administrative Board (9 FT x 13 FT): | |
| 1 | Remove and replace in-kind 117 SF of suspended, mineral fiber acoustic ceiling tiles, 2 Ft x 2 Ft each tile, 13 FT long x 9 FT wide |
| 2 | Remove and replace in-kind 2 each of fluorescent, 2 tube troffer lighting fixtures, 2 FT long x 2 FT wide |
| 3 | Remove and replace in-kind 117 SF of Vinyl Composition Type (VCT) floor tiles, 1 Ft x 1 Ft each tile, 13 FT long x 9 FT wide |
| 4 | Remove and replace in-kind 117 SF of suspended metal ceiling grid, 13 FT long x 9 FT wide |
| {00-015} Room 108 (9 FT x 16 FT): | |
| 1 | Remove and replace in-kind 16.5 SF of vinyl base, 50 LF long x 0.33 FT wide |
| 2 | Remove and replace in-kind 144 SF of Vinyl Composition Type (VCT) floor tiles, 1 Ft x 1 Ft each tile, 16 FT long x 9 FT wide |
| 3 | Remove and replace in-kind 144 SF of suspended, mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile, 16 FT long x 9 FT wide |
| 4 | Remove and replace in-kind 2 each of fluorescent, 4 tube troffer lighting fixtures, 4 FT long x 2 FT wide |
| 5 | Remove and replace in-kind 144 SF of suspended metal ceiling grid, 16 FT long x 9 FT wide |
| {00-016} Room 109 Maintenance (3 FT x 7 FT): | |
| 1 | Remove and replace in-kind 21 SF of suspended, mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile, 7 FT long x 3 FT wide |
| 2 | Remove and replace in-kind 21 SF of suspended metal ceiling grid, 7 FT long x 3 FT wide |
| 3 | Remove and replace in-kind 1 each of fluorescent 4 tube troffer lighting fixtures, 4 FT long x 2 FT wide |
| 4 | Remove and replace in-kind 21 SF of Vinyl Composition Type (VCT) floor tiles, 1 Ft x 1 Ft each tile, 7 FT long x 3 FT wide |
| {00-017} Room 113 (9 FT x 10 FT): | |
| 1 | Remove and replace in-kind 90 SF of suspended, mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile, 10 FT long x 9 FT wide |

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| 2 | Remove and replace in-kind 90 SF of suspended metal ceiling grid, 10 FT long x 9 FT wide |
| 3 | Remove and replace in-kind 1 each of fluorescent 4 tube troffer lighting fixtures, 4 FT long x 2 FT wide |
| 4 | Remove and replace in-kind 90 SF of Vinyl Composition Type (VCT) floor tiles, 1 Ft x 1 Ft each tile, 10 FT long x 9 FT wide |
| {00-018} Room 111 Legal Matters (11 FT x 16 FT): | |
| 1 | Remove and replace in-kind 176 SF of suspended, mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile, 16 FT long x 11 FT wide |
| 2 | Remove and replace in-kind 176 SF of suspended metal ceiling grid, 16 FT long x 11 FT wide |
| 3 | Clean, prepare and paint in-kind 540 SF of concrete interior walls, 54 FT long x 10 FT high |
| 4 | Remove and replace in-kind 3 each of fluorescent, 4 tube troffer lighting fixtures, 4 FT long x 2 FT wide |
| 5 | Remove and replace in-kind 176 SF of Vinyl Composition Type (VCT) floor tiles, 1 Ft x 1 Ft each tile, 16 FT long x 11 FT wide |
| {00-019} Room 112 (12 FT x 15 FT): | |
| 1 | Remove and replace in-kind 180 SF of suspended, mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile, 15 FT long x 12 FT wide |
| 2 | Remove and replace in-kind 180 SF of suspended metal ceiling grid, 15 FT long x 12 FT wide |
| 3 | Remove and replace in-kind 3 each of fluorescent 4 tube troffer lighting fixtures, 4 FT long x 2 FT wide |
| 4 | Remove and replace in-kind 180 SF of Vinyl Composition Type (VCT) floor tiles, 1 Ft x 1 Ft each tile, 15 FT long x 12 FT wide |
| {00-020} Corridor C (8 FT x 59 FT): | |
| 1 | Remove and replace in-kind 472 SF of suspended, mineral fiber acoustic ceiling tiles, 2 Ft x 2 Ft each tile, 59 FT long x 8 FT wide |
| 2 | Remove and replace in-kind 472 SF of suspended metal ceiling grid, 59 FT long x 8 FT wide |
| 3 | Remove and replace in-kind 10 each of fluorescent 2 tube troffer lighting fixtures, 2 FT long x 2 FT wide |
| 4 | Remove and replace in-kind 472 SF of Vinyl Composition Type (VCT) floor tiles, 1 Ft x 1 Ft each tile, 59 FT long x 8 FT wide |
| {00-021} Room 117 Women restroom (12 FT x 14 FT): | |
| 1 | Remove and replace in-kind 168 SF of suspended acoustic ceiling tiles, 2 Ft x 2 Ft each tile, 14 FT long x 12 FT wide |
| 2 | Remove and replace in-kind 168 SF of suspended metal ceiling grid, 14 FT long x 12 FT wide |
| 3 | Remove and replace in-kind 1 each of fluorescent 4 tube, recessed light fixture, 2 FT long x 2 FT wide |
| 4 | Remove and replace in-kind 1 each of AC diffuser vent, 2FT x 2 FT |
| {00-022} Room 118 Men restroom (12 FT x 14 FT): | |
| 1 | Remove and replace in-kind 168 SF of suspended acoustic ceiling tiles, 2 Ft x 2 Ft each tile, 14 FT long x 12 FT wide |
| 2 | Remove and replace in-kind 168 SF of suspended metal ceiling grid, 14 FT long x 12 FT wide |
| 3 | Remove and replace in-kind, 3 each of fluorescent 4 tube recessed light fixture, 2 FT long x 2 FT wide |
| 4 | Remove and replace in-kind 1 each of AC diffuser vent, 2FT x 2FT |

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| 5 | Remove and replace in-kind 1 each of AC return, 2FT x 2FT |
| {00-023} Room Maintenance (5 FT x 5 FT): | |
| 1 | Remove and replace in-kind 25 SF of suspended acoustic ceiling tiles, 2 Ft x 2 Ft each tile, 5 FT long x 5 FT wide |
| 2 | Remove and replace in-kind 25 SF of suspended metal ceiling grid, 5 FT long x 5 FT wide |
| 3 | Remove and replace in-kind 1 each of fluorescent 4 tube recessed light fixture; 2 FT long x 2 FT wide |
| {00-024} Room 129 (7 FT x 10 FT): | |
| 1 | Remove and replace in-kind 70 SF of suspended acoustic ceiling tiles, 2 Ft x 2 Ft each tile, 10 FT long x 7 FT wide |
| 2 | Remove and replace in-kind 70 SF of ceiling, suspended metal grid |
| 3 | Remove and replace in-kind 1 each of light, 2 FT x 4 FT fluorescent, 4 tube, recessed |
| 4 | Remove and replace in-kind 70 SF of Vinyl Composition Type (VCT) floor tiles, 1 Ft x Ft each tile, 10 FT long x 7 FT wide |
| {00-025} Room 130 Planning and Development (33 FT x 35 FT): | |
| 1 | Remove and replace in-kind 1,155 SF of suspended, mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile, 35 FT long x 33 FT wide |
| 2 | Remove and replace in-kind 1,155 SF of suspended metal ceiling grid, 35 FT long x 33 FT wide |
| 3 | Remove and replace in-kind 10 each of fluorescent 4 tube troffer lighting fixtures, 4 FT long x 2 FT wide, |
| 4 | Remove and replace in-kind 1,155 SF of Vinyl Composition Type (VCT) floor tiles, 1 Ft x 1 Ft each tile, 35 FT long x 33 FT wide |
| 5 | Clean, prepare and paint in-kind 1,360 SF of concrete interior walls, 136 FT long x 10 FT high |
| {00-026} Room 130A (12 FT x 16 FT): | |
| 1 | Remove and replace in-kind 192 SF of suspended, mineral fiber decorative acoustic ceiling tiles, 4 Ft x 2 Ft each tile, 16 FT long x 12 FT wide |
| 2 | Remove and replace in-kind 192 SF of suspended metal ceiling grid, 16 FT long x 12 FT wide |
| 3 | Remove and replace in-kind 2 each of fluorescent 4 tube troffer lighting fixtures, 4 FT long x 2 FT wide |
| 4 | Remove and replace in-kind 192 SF of Vinyl Composition Type (VCT) floor tiles, 1 Ft x 1 Ft each tile, 16 FT long x 12 FT wide |
| {00-027} Room 127 Breakroom (8 FT x 15 FT): | |
| 1 | Remove and replace in-kind 120 SF of suspended, mineral fiber acoustic ceiling tiles, 2 Ft x 2 Ft each tile, 15 FT long x 8 FT wide |
| 2 | Remove and replace in-kind 120 SF of suspended metal ceiling grid, 15 FT long x 8 FT wide |
| 3 | Remove and replace in-kind 2 each of fluorescent 4 tube troffer lighting fixtures, 2 FT long x 2 FT wide |
| 4 | Remove and replace in-kind 120 SF of Vinyl Composition Type (VCT) floor tiles, 1 Ft x 1 Ft each tile, 15 FT long x 8 FT wide |
| {00-028} Room 126 Archives (15 FT x 16 FT): | |
| 1 | Remove and replace in-kind 240 SF of suspended, mineral fiber acoustic ceiling tiles, 2 Ft x 2 Ft each tile, 16 FT long x 15 FT wide |
| 2 | Remove and replace in-kind 240 SF of suspended metal ceiling grid, 16 FT long x 15 FT wide |
| 3 | Remove and replace in-kind 2 each of fluorescent, 4 tube troffer lighting fixtures, 2 FT long x 2 FT wide |

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| 4 | Remove and replace in-kind 240 SF of Vinyl Composition Type (VCT) floor tiles, 1 Ft x 1 Ft each tile, 16 FT long x 15 FT wide |
| {00-029} Room 124 Materials Storage (6 FT x 8 FT): | |
| 1 | Remove and replace in-kind 48 SF of suspended, mineral fiber acoustic ceiling tiles, 2 Ft x 2 Ft each tile, 8 FT long x 6 FT wide |
| 2 | Remove and replace in-kind 48 SF of VCT floor tiles, 1 Ft x 1 Ft each tile, 6 FT long x 8 FT wide |
| 3 | Remove and replace in-kind 48 SF of suspended metal ceiling grid, 8 FT long x 6 FT wide |
| {00-030} Room 105A (7 FT X 7 FT): | |
| 1 | Remove and replace in-kind 49 SF of suspended, mineral fiber acoustic ceiling tiles, 2 Ft x 2 Ft each tile, 7 FT long x 7 FT wide |
| 2 | Remove and replace in-kind 49 SF of suspended metal ceiling grid, 7 FT long x 7 FT wide |
| {00-031} Reception Area (11 FT X 20 FT): | |
| 1 | Remove and replace in-kind 220 SF of suspended, mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile, 20 FT long x 11 FT wide |
| 2 | Remove and replace in-kind 220 SF of Vinyl Composition Type (VCT) floor tiles, 1 Ft x 1 Ft each tile, 20 FT long x 11 FT wide |
| 3 | Remove and replace in-kind 220 SF of suspended metal ceiling grid, 20 FT long x 11 FT wide |
| {00-032} Room 107 (13 FT X 14 FT): | |
| 1 | Remove and replace in-kind 182 SF of suspended, mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile, 14 FT long x 13 FT wide |
| 2 | Remove and replace in-kind 3 each of fluorescent, 4 tube troffer lighting fixtures, 4 FT long x 2 FT wide |
| 3 | Remove and replace in-kind 182 SF of Vinyl Composition Type (VCT) floor tiles, 1 Ft x 1 Ft each tile, 14 FT long x 13 FT wide |
| 4 | Remove and replace in-kind 182 SF of suspended metal ceiling grid, 14 FT long x 13 FT wide |
| {00-033} Corridor B (57 FT X 5 FT): | |
| 1 | Remove and replace in-kind 285 SF of suspended, mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile, 57 FT long x 5 FT wide |
| 2 | Remove and replace in-kind 3 each of fluorescent, 2 tube troffer lighting fixtures, 2 FT long x 2 FT wide |
| 3 | Remove and replace in-kind 285 SF of Vinyl Composition Type (VCT) floor tiles, 1 Ft x 1 Ft each tile, 57 FT long x 5 FT wide |
| 4 | Remove and replace in-kind 285 SF of suspended metal ceiling grid, 57 FT long x 5 FT wide |
| {00-034} Room 114 (15 FT X 9 FT): | |
| 1 | Remove and replace in-kind 135 SF of suspended, mineral fiber acoustic ceiling tiles, 2 Ft x 2 Ft each tile, 15 FT long x 9 FT wide, |
| 2 | Remove and replace in-kind 2 each of fluorescent, 4 tube troffer lighting fixtures, 4 FT long x 2 FT wide |
| 3 | Remove and replace in-kind 135 SF of Vinyl Composition Type (VCT) floor tiles, 1 Ft x 1 Ft each tile, 15 FT long x 9 FT wide |
| 4 | Remove and replace in-kind 135 SF of suspended metal ceiling grid, 15 FT long x 9 FT wide, |
| {00-035} Electrical Room (5 FT X 4 FT): | |
| 1 | Clean, prepare and paint 20 SF of concrete ceiling paint, 5 FT long x 4 FT wide |
| | |

| Hazard Mitigation Proposal (HMP) Scope of Work: | |
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| {00-001} General: | |
| 1 | When "Remove and Replace Rooftop air conditioner, single zone, electric cool only, 12.5-ton cooling, includes, standard controls, curb and economizer", <i>"Add Equipment Anchoring Assembly - 10'x10'x10' Volume to enhance resiliency"</i> . |
| 2 | When "Remove and Replace the Fan coil A.C., direct expansion for use w/air cooled condensing unit, 12.5-ton cooling, includes filters and controls", <i>"Add Equipment Anchoring Assembly - 10'x10'x10' Volume to enhance resiliency"</i> . |
| 3 | When "Remove and Replace the Condensing unit, air cooled, compressor, 12.5 ton, includes standard controls", <i>"Add Equipment Anchoring Assembly - 10'x10'x10' Volume to enhance resiliency"</i> . |
| 4 | When "Remove and replace Rooftop air conditioner, single zone, electric cool, gas heat, 15-ton cooling, 270 MBH heating, includes, standard controls, curb and economizer", <i>"Add Equipment Anchoring Assembly - 10'x10'x10' Volume to enhance resiliency"</i> . |
| 5 | When "Remove and Replace the Fan coil A.C., direct expansion for use w/air cooled condensing unit, 15-ton cooling, includes filters and controls", <i>"Add Equipment Anchoring Assembly - 10'x10'x10' Volume to enhance resiliency"</i> . |
| 6 | When "Remove and Replace the Condensing unit, air cooled, compressor, 15 ton, includes standard controls", <i>"Add Equipment Anchoring Assembly - 10'x10'x10' Volume to enhance resiliency"</i> . |
| {00-002} Roofing System: | |
| 1 | When "Remove and Replace 8820 SF of Roof deck insulation, polyisocyanurate, 3-1/2" thick, 2#/CF density, fastening excluded", <i>"add Secondary Roof deck insulation, polyisocyanurate, 3-1/2" thick, 2#/CF density, fastening excluded to increase resiliency"</i> . |
| 2 | When "Adding 88.2 sq of Mopping, coal tar, 30 pounds per square (100 SF)", <i>"add additional 88.2 sq of Mopping, coal tar, 30 pounds per square in order to apply Second Roof deck insulation to enhance waterproofing and increase resiliency"</i> . |
| 3 | When "Remove and Replace 88.2 sq of Roll roofing, asphalt, 1 ply #15 organic felt, 1 ply mineral surfaced, selvage roofing, lap 19", nailed & mopped", <i>"Add Secondary 88.2 sq of Roll roofing, asphalt, 1 ply #15 organic felt, 1 ply mineral surfaced, selvage roofing, lap 19", nailed & mopped to increase resiliency."</i> |
| {00-004 to 00-034} Corridor A, Building Rooms, Corridor C, Women Restroom, Men Restroom, Maintenance Room, etc. (Refer to "HMP_SP90487-DR4339PR-Cost Estimate and CEF (REV3)" for details): | |
| 1 | When "Remove and replace 7037 SF of Complete suspended ceilings, mineral fiber, Tegular, 2' x 2' x 5/8", on 9/16" grid, include standard suspension system, excl. 1-1/2" carrier channels", <i>"use 7037 SF of Waterproof Ceiling Tiles, Acoustical ceilings, fiberglass boards instead of mineral fiber boards to prevent water damages and mold grow from water intrusion."</i> |

| PW 10328 – BUILDING 0133: Edificio Carlos iñiguez (153052) | |
|---|---|
| {00-001} General: | |
| 1 | Clean, prepare and paint in-kind 3,526 SF of concrete walls |
| {00-002} Roofing System: | |
| 1 | Remove and replace in-kind 4,602 SF of bitumen with granular surface waterproofing membrane |
| {01-003} General: | |
| 1 | Repair in-kind 11,082 SF of building interior painted surfaces (concrete and gypsum walls) |
| {01-004} Third Floor Room 320 (23 FT x 48 FT): | |

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| 1 | Remove and replace in-kind 1,104 SF of mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile |
| {01-005} Third Floor Room 319 (23 FT x 48 FT): | |
| 1 | Remove and replace in-kind 1,104 SF of mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile |
| {01-006} Third Floor Room 315 (33 FT x 48 FT): | |
| 1 | Remove and replace in-kind 1,584 SF of mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile |
| 2 | Remove and replace in-kind 2 each of fluorescent, 2 tube troffer lighting fixtures, 4 FT long x 2 FT |
| {01-007} Third Floor Room 318 (23 FT x 48 FT): | |
| 1 | Remove and replace in-kind 1,104 SF of mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile |
| 2 | Remove and replace in-kind 2 each of fluorescent, 2 tube troffer lighting fixtures, 4 FT long x 2 FT |
| {01-008} Third Floor Room 314 (33 FT x 48 FT): | |
| 1 | Remove and replace in-kind 1,584 SF of mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile |
| 2 | Remove and replace in-kind 2 each of fluorescent, 4 tube, surface mounted light fixtures, 4 FT long x 2 FT wide |
| {01-009} Third Floor Room 313 (33 FT x 48 FT): | |
| 1 | Remove and replace in-kind 1,584 SF of mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile |
| 2 | Remove and replace in-kind 2 each of fluorescent, 4 tube, surface mounted light fixtures, 4 FT long x 2 FT |
| 3 | Repair in-kind 12 SF of Wall Plaster under at corner of windowsill, 0.25 FT deep |
| {01-010} Third Floor Room 311 (33 FT x 53 FT): | |
| 1 | Remove and replace in-kind 1,749 SF of mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile |
| 2 | Remove and replace in-kind 2 each of fluorescent, 4 tube, surface mounted light fixtures, 4 FT long x 2 FT |
| {01-011} Third Floor Room 300 through 312 (32 FT x 53 FT): | |
| 1 | Remove and replace in-kind 1,696 SF of mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile |
| 2 | Remove and replace in-kind 2 each of fluorescent, 4 tube, surface mounted light fixtures, 4 FT long x 2 FT |
| {01-012} Third Floor Hallway third floor (8 FT x 110 FT): | |
| 1 | Remove and replace 880 SF of mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile |
| 2 | Remove and replace in-kind 2 each of fluorescent, 4 tube, surface mounted light fixtures, 4 FT long x 2 FT |
| {02-013} Second Floor Room 230 (20 FT x 48 FT): | |
| 1 | Remove and replace in-kind 960 SF of mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile |
| {02-014} Second Floor Room 229 (20 FT x 48 FT): | |
| 1 | Remove and replace in-kind 960 SF of mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile |
| {02-015} Second Floor Room 228 (10 FT x 12 FT): | |
| 1 | Remove and replace in-kind 120 SF of mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile |

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| {02-016} Second Floor Room 227 (10 FT x 12 FT): | |
| 1 | Remove and replace in-kind 120 SF of mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile |
| {02-017} Second Floor Room 226 (10 FT x 12 FT): | |
| 1 | Remove and replace in-kind 120 SF of mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile |
| {02-018} Second Floor Room 225 (10 FT x 12 FT): | |
| 1 | Remove and replace in-kind 120 SF of mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile |
| {02-019} Second Floor Room 224 (12 FT x 16 FT): | |
| 1 | Remove and replace in-kind 192 SF of mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile |
| {02-020} Second Floor Room 223 (12 FT x 16 FT): | |
| 1 | Remove and replace in-kind 192 SF of mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile |
| {02-021} Second Floor Room 222 (18 FT x 24 FT): | |
| 1 | Remove and replace in-kind 432 SF of mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile |
| {02-022} Second Floor Room 210 (13 FT x 16 FT) Women's Rest room: | |
| 1 | Remove and replace in-kind 208 SF of mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile |
| {02-023} Second Floor Room 209 (5 FT x 8 FT) Copy room: | |
| 1 | Remove and replace in-kind 40 SF of mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile |
| {02-024} Second Floor Room 208 (9 FT x 18 FT) Lounge: | |
| 1 | Remove and replace in-kind 162 SF of mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile |
| {02-025} Second Floor Room 200 (13 FT x 21 FT) Men's restroom: | |
| 1 | Remove and replace in-kind 273 SF of mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile |
| {02-026} Second Floor Hallway second floor (8 FT x 110 FT x 9FT): | |
| 1 | Remove and replace in-kind 880 SF of mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile |
| {03-027} First Floor Room 133 (13 FT x 16 FT): | |
| 1 | Remove and replace in-kind 208 SF of mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile |
| 2 | Remove and replace in-kind 4 In vinyl base, 58 LF long |
| 3 | Remove and replace in-kind 208 SF of vinyl floor tiles, 1 Ft x 1 Ft each tile |
| {03-028} First Floor Room 124 (16 FT x 26 FT): | |
| 1 | Remove and replace in-kind 416 SF of mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile |
| 2 | Remove and replace in-kind 4 In vinyl base, 84 LF long |
| 3 | Remove and replace in-kind 416 SF of vinyl floor tiles, 1 Ft x 1 Ft each tile |
| {03-029} First Floor Room 123 (16 FT x 26 FT): | |
| 1 | Remove and replace in-kind 416 SF of mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile |
| 2 | Remove and replace in-kind 4 In vinyl base, 84 LF long |

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| 3 | Remove and replace in-kind 416 SF of vinyl floor tiles, 1 Ft x 1 Ft each tile |
| {03-030} First Floor Room 122 (16 FT x 26 FT): | |
| 1 | Remove and replace in-kind 416 SF of mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile |
| 2 | Remove and replace in-kind 4 In vinyl base, 84 LF long |
| 3 | Remove and replace in-kind 416 SF of vinyl floor tiles, 1 Ft x 1 Ft each tile |
| {03-031} First Floor Room 117 (8 FT x 15 FT): | |
| 1 | Remove and replace in-kind 120 SF of mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile |
| 2 | Remove and replace in-kind 4 In vinyl base, 46 LF long |
| 3 | Remove and replace in-kind 120 SF of vinyl floor tiles, 1 Ft x 1 Ft each tile |
| {03-032} First Floor Room 116 (8 FT x 15 FT): | |
| 1 | Remove and replace in-kind 120 SF of mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile |
| 2 | Remove and replace in-kind 4 In vinyl base, 46 LF long |
| 3 | Remove and replace in-kind 120 SF of vinyl floor tiles, 1 Ft x 1 Ft each tile |
| {03-033} First Floor Room 115 (8 FT x 15 FT): | |
| 1 | Remove and replace in-kind 120 SF of mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile |
| 2 | Remove and replace in-kind 4 In vinyl base, 46 LF long |
| 3 | Remove and replace in-kind 120 SF of vinyl floor tiles, 1 Ft x 1 Ft each tile |
| {03-034} First Floor Room 114 (8 FT x 15 FT): | |
| 1 | Remove and replace in-kind 120 SF of mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile |
| 2 | Remove and replace in-kind 4 In vinyl base, 46 LF long |
| 3 | Remove and replace in-kind 120 SF of vinyl floor tiles, 1 Ft x 1 Ft each tile |
| {03-035} First Floor Room 113 (8 FT x 15 FT): | |
| 1 | Remove and replace in-kind 120 SF of mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile |
| 2 | Remove and replace in-kind 4 In vinyl base, 46 LF long |
| 3 | Remove and replace in-kind 120 SF of vinyl floor tiles, 1 Ft x 1 Ft each tile |
| {03-036} First Floor Room 112 (8 FT x 15 FT): | |
| 1 | Remove and replace in-kind 120 SF of mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile |
| 2 | Remove and replace in-kind 120 SF of vinyl floor tiles, 1 Ft x 1 Ft each tile |
| 3 | Remove and replace in-kind 4 In vinyl base, 46 LF long |
| {03-037} First Floor Room 111 (8 FT x 15 FT): | |
| 1 | Remove and replace in-kind 120 SF of mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile |
| 2 | Remove and replace in-kind 4 In vinyl base, 46 LF long |
| 3 | Remove and replace in-kind 120 SF of vinyl floor tiles, 1 Ft x 1 Ft each tile |
| {03-038} First Floor Room 110 (10 FT x 10 FT): | |
| 1 | Remove and replace in-kind 100 SF of mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile |
| 2 | Remove and replace in-kind 4 In vinyl base, 40 LF long |

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| 3 | Remove and replace in-kind 100 SF of vinyl floor tiles, 1 Ft x 1 Ft each tile |
| {03-039} First Floor Room 109 (10 FT x 10 FT): | |
| 1 | Remove and replace in-kind 100 SF of mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile |
| 2 | Remove and replace in-kind 4 In vinyl base, 40 LF long |
| 3 | Remove and replace in-kind 100 SF of vinyl floor tiles, 1 Ft x 1 Ft each tile |
| {03-040} First Floor Room 108 (10 FT x 10 FT): | |
| 1 | Remove and replace in-kind 100 SF of mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile |
| 2 | Remove and replace in-kind 4 In vinyl base, 40 LF long |
| 3 | Remove and replace in-kind 100 SF of vinyl floor tiles, 1 Ft x 1 Ft each tile |
| {03-041} First Floor Room 107 (10 FT x 10 FT): | |
| 1 | Remove and replace in-kind 100 SF of mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile |
| 2 | Remove and replace in-kind 4 In vinyl base, 44 LF long |
| 3 | Remove and replace in-kind 100 SF of vinyl floor tiles, 1 Ft x 1 Ft each tile |
| {03-042} First Floor Room 106 (10 FT x 10 FT): | |
| 1 | Remove and replace in-kind 100 SF of mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile |
| 2 | Remove and replace in-kind 4 In vinyl base, 40 LF long |
| 3 | Remove and replace in-kind 100 SF of vinyl floor tiles, 1 Ft x 1 Ft each tile |
| {03-043} First Floor Room 104 (10 FT x 12 FT): | |
| 1 | Remove and replace in-kind 1 each of fixed glass on window, 1 FT wide x 1.5 FT high |
| 2 | Remove and replace in-kind 4 each of fluorescent, 2 tube troffer lighting fixtures, 4 FT long x 2 FT wide |
| 3 | Remove and replace in-kind 4 In vinyl base, 44 LF long |
| 4 | Remove and replace in-kind 120 SF of vinyl floor tiles, 1 Ft x 1 Ft each tile |
| {03-044} First Floor Room 103 (10 FT x 12 FT): | |
| 1 | Remove and replace in-kind 4 In vinyl base, 44 LF long |
| 2 | Remove and replace in-kind 120 SF of vinyl floor tiles, 1 Ft x 1 Ft each tile |
| {03-045} First Floor Room 102 (10 FT x 12 FT): | |
| 1 | Remove and replace in-kind 120 SF of mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile |
| 2 | Remove and replace in-kind 4 In vinyl base, 44 LF long |
| 3 | Remove and replace in-kind 120 SF of vinyl floor tiles, 1 Ft x 1 Ft each tile |
| {03-046} First Floor Room 101 (6 FT x 56 FT) Hallway: | |
| 1 | Remove and replace in-kind 336 SF of mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile |
| 2 | Remove and replace in-kind 336 SF of vinyl floor tiles, 1 Ft x 1 Ft each tile |
| 3 | Remove and replace in-kind 2.31 SF of vinyl stair tiles from 1st to 2nd Floor, 5.5 FT long x 0.42 FT wide |
| {03-047} First Floor Room 100 (9 FT x 12 FT): | |
| 1 | Remove and replace in-kind 108 SF of mineral fiber acoustic ceiling tiles, 4 Ft x 2 Ft each tile |
| 2 | Remove and replace in-kind 4 In vinyl base, 42 LF long |

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| 3 | Remove and replace in-kind 108 SF of vinyl floor tiles, 1 Ft x 1 Ft each tile |
| Hazard Mitigation Proposal (HMP) Scope of Work: | |
| {00-002} Roofing System: | |
| 1 | When "Removing and replacing 7424 SF of Roof Deck Insulation, polyisocyanurate, 3-1/2" thick, 2#/CF density, fastening excluded", <i>apply Secondary 7424 SF of Roof deck insulation, polyisocyanurate, 3-1/2" thick, 2#/CF density, fastening excluded to increase resiliency.</i> |
| 2 | When "Remove and Replace 7424 SF of SBS modified bituminous membrane, granule surface cap sheet, polyester reinforced, 120 to 149 mils, mopped", <i>Add additional 7424 SF of SBS modified bituminous membrane, granule surface cap sheet, polyester reinforced, 120 to 149 mils, mopped. Applying an additional membrane will help to absorb energy from flying debris and protect roof membranes below, helping to mitigate damage to the roof structure, waterproofing system, and subsequent water infiltration.</i> |
| 3 | When "Replacing the 5568 Ea. 8" coated Screws for Roof deck insulation fastening alternative", <i>Add additional 1856 Ea. 8" (For a total of 7424) coated Screws for Roof deck insulation fastening to cover the complete roof and enhance Roof Deck insulation fastening.</i> |

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| PW 10328 – BUILDING 137: Edificio de Informática (153054) | |
| {00-001} General: | |
| {00-002} Roofing System: | |
| 1 | Remove and replace in-kind 8,000 SF of modified bitumen with a granular surface roof membrane |
| 2 | Remove and replace in-kind Metal Type Flashing, 60 LF long |
| {00-003} Rooftop: | |
| 1 | Remove and replace in-kind 6 each of LR-8400 Aluminum Type Lightning Rods, 1.5 FT long x 0.25 IN in diameter |
| {01-001} Third Floor Room 301 (18 FT x 48 FT): | |
| 1 | Remove and replace in-kind 864 SF of Mineral Fiber Type, 4 ft. X 2 ft. dimensions Acoustic Suspended Ceiling Tiles, 48 FT long x 18 FT wide |
| {01-002} Third Floor Room 308 (14 FT x 35 FT): | |
| 1 | Remove and replace in-kind 490 SF of Mineral Fiber Type, 2 FT x 4 FT dimensions Acoustic Suspended Ceiling Tiles, 35 FT long x 14 FT wide |
| {01-003} Third Floor Male Bathroom (11 FT x 16 FT): | |
| 1 | Remove and replace in-kind 176 SF of Mineral Fiber Type, 4 ft. X 2 ft. dimensions Acoustic Suspended Ceiling Tiles, 16 FT long x 11 FT wide |
| {01-004} Third Floor Room 303 (18 FT x 48 FT): | |
| 1 | Remove and replace in-kind 864 SF of Mineral Fiber Type, 4 ft. X 2 ft. dimensions Acoustic Suspended Ceiling Tiles, 48 FT long x 18 FT wide |
| {01-005} Third Floor Room 307 (19 FT x 48 FT): | |
| 1 | Remove and replace in-kind 912 SF of Mineral Fiber Type, 4 ft. X 2 ft. dimensions Acoustic Suspended Ceiling Tiles, 19 FT long x 48 FT wide |
| {01-006} Third Floor Stairway Ceiling: | |
| 1 | Clean, prepare and paint in-kind 120 SF of Concrete Type Ceiling Paint, 20 FT long x 6 FT wide |
| 2 | Remove and replace in-kind 1 each of T8, 2 fluorescent lights Type, Troffer Lamp, 4 FT long x 1 FT wide |
| {02-018} Second Floor Room 207C (8 FT x 14 FT): | |

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| 1 | Remove and replace in-kind 4 SF of Mineral Fiber Type, Acoustic Suspended Ceiling Tile, 2 FT long x 2 FT wide |
| {02-019} Second Floor Room 208 (7 FT x 10 FT): | |
| 1 | Remove and replace in-kind 8 SF of Mineral Fiber Type, Acoustic Suspended Ceiling Tiles, 4 FT long x 2 FT wide |
| {02-020} Second Floor Men's restroom (11 FT x 16 FT): | |
| 1 | Remove and replace in-kind 8 SF of Mineral Fiber Type Acoustic Suspended Ceiling Tiles, 4 FT long x 2 FT wide |
| {02-021} Second Floor Women's restroom (11 FT x 16 FT): | |
| 1 | Remove and replace in-kind 8 SF of Mineral Fiber Type Acoustic Suspended Ceiling Tiles, 4 FT long x 2 FT wide |
| {02-022} Second Floor Room 212 (24 FT x 37 FT): | |
| 1 | Remove and replace in-kind 36 SF of Mineral Fiber Type, 4 ft. X 2 ft. dimensions Acoustic Suspended Ceiling Tiles |
| {02-023} Second Floor Room 213B (24 FT x 29 FT): | |
| 1 | Remove and replace in-kind 32 SF of Mineral Fiber Type, 4 ft. X 2 ft. dimensions Acoustic Suspended Ceiling Tiles |
| {02-024} Second Floor Room 201 (34 FT x 48 FT): | |
| 1 | Remove and replace in-kind 4 SF of Mineral Fiber Type Acoustic Suspended Ceiling Tiles, 2 FT long x 2 FT wide |
| {03-035} First Floor Room 105 (15 FT x 15 FT): | |
| 1 | Remove and replace in-kind 16 SF of Mineral Fiber Type, 4 ft. X 2 ft. dimensions Acoustic Suspended Ceiling Tiles |
| {03-044} First Floor Room 118 (12 FT x 20 FT): | |
| 1 | Remove and replace in-kind 24 SF of Mineral Fiber Type, 4 ft. X 2 ft. dimensions Acoustic Suspended Ceiling Tiles |
| {03-059} First Floor Room 017 (17 FT x 17 FT): | |
| 1 | Remove and replace in-kind 4 SF of Mineral Fiber Type Acoustic Suspended Ceiling Tiles, 2 FT long x 2 FT wide |
| {04-013} Drywall: | |
| 1 | Remove and replace in-kind 38,221 SF of drywalls |
| Building Roof/Antennas: | |
| 1 | Remove and replace in-kind 1 each of Single-Polarized Model, Frequency Range from 1.7 to 1.9GHz, SP4-1.8, Standard RF Connector N Female Type Parabolic Reflector Antenna with LNB (Low Noise Block) Downconverter, 4 ft. diameter |
| 2 | Remove and replace in-kind 1 each of 40 Elements VHF/UHF Type Yagi Antenna |
| 3 | Remove and replace in-kind 1 each of Dual Element Type Magnetic Loop Antenna and Transmitter, 4 ft. diameter |
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| Hazard Mitigation Proposal (HMP) Scope of Work: | |
| {00-002} Roofing System: | |
| 1 | When "Remove and replace 8000 SF of Roof Deck Insulation, polyisocyanurate, 3-1/2" thick, 2#/CF density, fastening excluded", <i>Apply additional Secondary 8000 SF of Roof deck insulation, polyisocyanurate, 3-1/2" thick, 2#/CF density, fastening excluded to protect the membranes and absorb energy from flying debris and foreign objects</i> ". |
| 2 | When "Adding 160 sq of Mopping Tar, 30 pounds per sq (100 SF)", <i>apply 80 sq additional Mopping, coal tar, 30 pounds per square in order to apply Second Roof deck insulation and enhance waterproofing and increase resiliency</i> ". |
| 3 | When "Remove and Replace 8000 SF of SBS modified bituminous membrane, granule surface cap sheet, polyester reinforced, 120 to 149 mils, mopped", <i>Add additional 8000 SF of SBS modified</i> |

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| | <i>bituminous membrane, granule surface cap sheet, polyester reinforced, 120 to 149 mils, mopped to increase resiliency."</i> |
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| PW 10328 – BUILDING 150: Anfiteatro Ramón Frade (153057) | |
| {00-001} General: | |
| {00-002} Roofing System: | |
| 1 | Remove and replace in-kind 3,329 SF of Modified Bituminous Type |
| {00-003} General: | |
| 1 | Remove and replace in-kind 17,887 SF of concrete type building interior painted surfaces |
| {01-005} Second Floor Room 200 Music Class Room (22 FT x 29 FT): | |
| 1 | Remove and replace in-kind 638 SF of Acoustic Ceiling Tiles, 2 FT x 4 FT, 22 FT long x 29 FT wide |
| 2 | Remove and replace in-kind 18 each of fluorescent light, 4 tube recessed, 2 FT x 4 FT, 4 FT long x 2 FT wide |
| {01-006} Second Floor Storage (22 FT x 22 FT): | |
| 1 | Remove and replace in-kind 484 SF of Acoustic Ceiling Tiles description, 2 FT x 4 FT, 22 FT long x 22 FT wide |
| 2 | Remove and replace in-kind 12 each of fluorescent light, 4 tube recessed, 2 FT x 4 FT, 4 FT long x 2 FT wide |
| 3 | Remove and replace in-kind 88 SF of base, 4 IN vinyl, 88 LF long x 1 FT wide |
| 4 | Remove and replace in-kind 484 SF of floor, VCT, 12 IN x 12 IN, 22 FT long x 22 FT wide |
| {01-008} Second Floor Room 203 AA office space (8 FT x 11 FT): | |
| 1 | Remove and replace in-kind 2 each of fluorescent light, 4 tube recessed, 2FT x 4FT |
| 2 | Remove and replace in-kind 1 each of fluorescent light, 4 tube recessed, 2 FT x 4 FT |
| 3 | Remove and replace in-kind 88 SF of Acoustic Ceiling Tiles, 2 FT x 4 FT, 11 FT long x 8 FT wide |
| {01-009} Second Floor Room 203B (9 FT x 10 FT): | |
| 1 | Remove and replace in-kind 90 SF of Acoustic Ceiling Tiles, 2 FT x 4 FT, 10 FT long x 9 FT wide |
| 2 | Remove and replace in-kind 3 each of fluorescent light, 4 tube recessed, 2 FT x 4 FT, 4 FT long x 2 FT wide |
| {01-010} Second Floor Room number 203C (25 FT x 22 FT): | |
| 1 | Remove and replace in-kind 550 SF of Acoustic Ceiling Tiles, 2 FT x 4 FT, 25 FT long x 22 FT wide |
| 2 | Remove and replace in-kind 5 each of fluorescent light, 4 tube recessed, 2 FT x 4 FT |
| 3 | Remove and replace in-kind 550 SF of floor, VCT, 12 IN x 12 IN, 25 FT long x 22 FT wide |
| 4 | Remove and replace in-kind base, vinyl, 6 IN high, 94 LF long |
| {01-011} Second Floor The Control Room (12 FT x 28 FT) (stage no 202): | |
| 1 | Remove and replace in-kind 336 SF of Acoustic Ceiling Tiles description, 2 FT x 4 FT, 28 FT long x 12 FT wide |
| 2 | Remove and replace in-kind 6 each of fluorescent light, 4 tube recessed, 2 FT x 4 FT |
| 3 | Remove and replace in-kind base, vinyl, 6 IN high, 80 LF long |
| 4 | Remove and replace in-kind 336 SF of floor, VCT, 12 IN x 12 IN, 28 FT long x 12 FT wide |
| {01-012} Second Floor Room (21 FT x 34 FT): | |

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| 1 | Remove and replace in-kind 714 SF of Acoustic Ceiling Tiles description, 2 FT x 4 FT, 34 FT long x 21 FT wide |
| 2 | Remove and replace in-kind 6 each of fluorescent light, 4 tube recessed, 2 FT x 4 FT |
| {02-013} First Floor Dressing room 11 C (18 FT x 20 FT): | |
| 1 | Remove and replace in-kind 360 SF of Acoustic Ceiling Tiles description, changing the correspondent 2 FT x 4 FT, #2862, 20 FT long x 18 FT wide |
| 2 | Remove and replace in-kind 2 each of fluorescent light, 4 tube recessed, 2 FT x 4 FT |
| 3 | Remove and replace in-kind base, vinyl, 4 IN high, 76 LF long |
| 4 | Remove and replace in-kind 360 SF of floor, VCT, 12 IN x 12 IN, 18 FT long x 20 FT wide |
| {02-015} First Floor Dressing room (15 FT X 12 FT): | |
| 1 | Remove and replace in-kind 180 SF of Acoustic Ceiling Tiles, 2 FT x 4 FT, 12 FT long x 15 FT wide |
| 2 | Remove and replace in-kind, base, vinyl, 4 IN high, 54 LF long |
| 3 | Remove and replace in-kind 180 SF of floor, VCT, 12 IN x 12 IN, 15 FT long x 12 FT wide |
| 4 | Remove and replace in-kind 2 each of fluorescent light, 4 tube recessed, 2 FT x 4 FT |
| {02-017} First Floor Hallway (8 FT x 18 FT) : | |
| 1 | Remove and replace in-kind 144 SF of Acoustic Ceiling Tiles, 2 FT x 4 FT, 18 FT long x 8 FT wide |
| 2 | Remove and replace in-kind 2 each of fluorescent light, 4 tube recessed, 1 FT x 4 FT |
| {02-019} First Floor The stage space (31 FT x 36 FT): | |
| 1 | Remove and replace in-kind 1,116 SF of Acoustic Ceiling Tiles, 2 FT x 4 FT, 36 FT long x 31 FT wide |
| 2 | Remove and replace in-kind 10 each of fluorescent light, 4 tube recessed, 2 FT x 4 FT |
| {02-020} First Floor Storage Room (10 FT x 16 FT): | |
| 1 | Remove and replace in-kind 160 SF of Acoustic Ceiling Tiles, 2 FT x 4 FT, 10 FT long x 16 FT wide |
| {02-022} First Floor The stage in storage area to the north of the stage (20 FT x 25 FT): | |
| 1 | Remove and replace in-kind 8 each of fluorescent light, 2 tube recessed, 1 FT x 4 FT |
| 2 | Remove and replace in-kind base, 4 IN vinyl, 90 LF long |
| 3 | Remove and replace in-kind 500 SF of floor, VCT, 12 IN x 12 IN, 25 FT long x 20 FT wide |
| {02-025} First Floor The stage Viewing area (30 FT x 146 FT): | |
| 1 | Remove and replace in-kind, 4,380 SF of decorative wood wall panels, 1/4 IN thick, vertical stripes, 146 FT long x 30 FT wide, |
| 2 | Remove and replace in-kind 600 SF of commercial carpet |
| Hazard Mitigation Proposal (HMP) Scope of Work: | |
| {00-002} Roofing System: | |
| | 1. When "Remove and replace 3329 SF of Roof Deck Insulation, polyisocyanurate, 3-1/2" thick, 2#/CF density, fastening excluded", <i>Apply additional 3329 SF of Roof deck insulation, polyisocyanurate, 3-1/2" thick, 2#/CF density, fastening excluded to protect the membranes and absorb energy from flying debris and foreign objects</i> ." |
| | 2. When "Remove and Replace 3329 SF of SBS modified bituminous membrane, granule surface cap sheet, polyester reinforced, 120 to 149 mils, mopped", <i>Add additional secondary 3329 SF of SBS modified bituminous membrane, granule surface cap sheet, polyester reinforced, 120 to 149 mils, mopped to increase resiliency.</i> " |

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| | 3. When “Adding 66.58 sq of Mopping Tar, 30 pounds per sq (100 SF)”, <i>“apply 33.29 sq additional Mopping, coal tar, 30 pounds per square in order to apply Second Roof deck insulation to enhance waterproofing and increase resiliency”.</i> |
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| PW 10328 – BUILDING 0138: Decano Academico (202810) | |
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| {00-001} Upper Roof in Top of Conference Room (32 FT x 31 FT): | |
| 1 | Remove and replace in-kind 992 SF of Danosa Modified Bitumen Type Waterproofing Roof System, 32 FT long x 31 FT wide |
| {00-002} Main Roof (38 FT x 37 FT): | |
| 1 | Remove and replace in-kind 1,406 SF of Danosa Modified Bitumen Waterproofing Roof System, 38 FT long x 37 FT wide |
| 2 | Remove and replace in-kind 4 In metal Flashing, 130 LF long |
| 3 | Remove and replace in-kind 4 each of similar to Lithonia type Stadium Lamp, 500 Watt |
| {00-003} Windows: | |
| 1 | Remove and replace in-kind 1 each of Metal top of double hung type Window, 4 FT wide x 4 FT high |
| 2 | Remove and replace in-kind 1 each of Exterior glass window, 3 FT wide x 7 FT high |
| 3 | Remove and replace in-kind 1 each of window Metal, top of double hung, 3 FT wide x 5 FT high |
| {00-004} General Exterior: | |
| 1 | Clean. Prepare and paint in-kind 5,520 SF of concrete walls painting, 276 FT long x 20 FT high |
| {01-001} General Interior: | |
| 1 | Clean, prepare and paint in-kind 100 SF of building interior drywall painted surfaces |
| 2 | Remove and replace in-kind 15,500 SF of drywall ceiling, 15,500 FT long |
| {01-002} First Floor (20 FT x 20 FT): | |
| 1 | Remove and replace in-kind 400 SF of vinyl Floor Tiles (VCT), 20 FT long x 20 FT wide |
| 2 | Clean, prepare and paint in-kind 4,968 SF of concrete interior walls |
| {01-003} First Floor Conference Room 214 (14 FT x 10 FT): | |
| 1 | Repair in-kind 1 each of concrete plaster, 1/4 IN thick, 8 FT long |
| {01-004} First Floor Room 208 (20 FT x 18 FT): | |
| 1 | Remove and replace in-kind 360 SF of mineral fiber acoustic ceiling tiles, 2 Ft x 2 Ft each tile, 20 FT long x 18 FT wide |
| {01-005} First Floor Room 209 (10 FT x 7 FT): | |
| 1 | Remove and replace in-kind 70 SF of mineral fiber acoustic ceiling tiles, 2 Ft x 2 Ft each tile, 10 FT long x 7 FT wide |
| {01-006} First Floor Room 210 (13 FT x 7 FT): | |
| 1 | Remove and replace in-kind 91 SF of mineral fiber acoustic ceiling tiles, 2 Ft x 2 Ft each tile, 13 FT long x 7 FT wide |
| {01-007} First Floor Room 214 (14 FT x 12 FT): | |
| 1 | Remove and replace in-kind 168 SF of mineral fiber acoustic ceiling tiles, 2 Ft x 2 Ft each tile, 14 FT long x 12 FT wide |
| {01-008} First Floor Room 215 (Bathroom) (8 FT x 4 FT): | |
| 1 | Remove and replace in-kind 32 SF of ceramic wall tiles, 6 In x 6 In each tile, 8 FT long x 4 FT high |
| {01-009} First Floor Room 216 (14 FT x 10 FT): | |

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| 1 | Remove and replace in-kind 140 SF of mineral fiber acoustic ceiling tiles, 2 FT x 2 FT each tile, 14 FT long x 10 FT wide. |
| {01-009} First Floor Room 218 (14 FT x 10 FT): | |
| 1 | Remove and replace in-kind 140 SF of mineral fiber acoustic ceiling tiles, 2 Ft x 2 Ft each tile, 14 FT long x 10 FT wide |
| {01-010} First Floor Photocopy Area (6 FT x 6 FT): | |
| 1 | Remove and replace in-kind 36 SF of mineral fiber acoustic ceiling tiles, 2 Ft x 2 Ft each tile, 6 FT long x 6 FT wide |
| 2 | Remove and replace in-kind 2 each of fluorescent 4 tube troffer light fixtures, 4 FT long x 2 FT wide |
| {01-011} First Floor Reception Area: | |
| 1 | Repair in-kind 8 SF of 1/4 IN thick wall plaster |
| {01-012} First Floor Room 211: | |
| 1 | Repair in-kind 6 SF of Concrete plaster 1/4 IN thick wall |
| {02-001} Second Floor Meeting Room (27 FT x 27 FT): | |
| 1 | Remove and replace in-kind 4 SF of mineral fiber Acoustic Ceiling Tiles, 2 FT long x 2 FT wide |
| {02-002} Second Floor Rooms 202 (14 FT x 20 FT): | |
| 1 | Remove and replace in-kind 4 SF of mineral fiber Acoustic Ceiling Tiles, 2 FT long x 2 FT wide |
| {02-003} Second Floor Room 203 (14 FT x 20 FT): | |
| 1 | Remove and replace in-kind 4 each of Fluorescent Troffer Lamp, 2 FT long x 2 FT wide |
| {02-004} Second Floor Room 204 (14 FT x 20 FT): | |
| 1 | Remove and replace in-kind 4 each of Fluorescent Troffer Lamp, 4 FT long x 2 FT wide |
| {02-005} Second Floor Room 205 (14 FT x 20 FT): | |
| 1 | Remove and replace in-kind 280 SF of mineral fiber acoustic ceiling tiles, 2 Ft x 2 Ft each tile, 20 FT long x 14 FT wide |
| {02-006} Second Floor Room 214 (12 FT x 22 FT): | |
| 1 | Remove and replace in-kind 264 SF of mineral fiber acoustic ceiling tiles, 2 Ft x 2 Ft each tile, 22 FT long x 12 FT wide |
| {02-007} Second Floor Room Conference Room (32 FT x 31 FT): | |
| 1 | Clean, prepare and pain in-kind 848 SF of concrete interior walls |
| 2 | Remove and replace in-kind 672 SF of mineral fiber acoustic ceiling tiles, 2 Ft x 2 Ft each tile, 32 FT long x 21 FT wide |
| 3 | Remove and replace in-kind 4 each of fluorescent troffer light fixtures, 2 FT long x 2 FT wide |
| 4 | Remove and replace in-kind 8 SF of ceramic floor tiles, 6 IN x 6 IN |
| 5 | Remove and replace in-kind ceramic floor tiles, 8 IN x 8 IN each tile, 8 LF long |
| {03-001} Basement (40 FT x 18 FT): | |
| 1 | Repair in-kind 42 SF of 1/4 IN thick plaster, 7 FT long x 6 FT high |
| 2 | Replace in-kind 1 each of drainage without strainer, 4 IN diameter |
| {03-002} Basement Room 101 (24 FT x 21 FT): | |
| 1 | Remove and replace in-kind, 504 SF of vinyl floor tiles, 1 Ft x 1 Ft each tile, 24 FT long x 21 FT wide |
| {03-003} Basement Room 106 (70 FT x 68 FT): | |
| 1 | Remove and replace in-kind 4,760 SF of mineral fiber acoustic ceiling tiles, 2 Ft x 2 Ft each tile, 70 FT long x 68 FT wide |
| 2 | B. Remove and replace in-kind 560 SF of vinyl floor tiles, 1 Ft x 1 Ft each tile, 28 FT long x 20 FT wide |

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| {03-004} Basement Storage Room: | |
| 1 | Remove and replace in-kind 1 each of wood Door, 2.5 FT wide x 7 FT high |
| {04-001} Stairway Area (40 FT x 18 FT): | |
| 1 | Remove and replace in-kind 100 SF of mineral fiber acoustic ceiling tiles, 2 Ft x 2 Ft each tile, 10 FT long x 10 FT wide |
| 2 | Remove and replace in-kind 2 each of fluorescent troffer light fixtures, 2 FT long x 2 FT wide |
| {04-002} Stairway to Basement (40 FT x 18 FT): | |
| 1 | Clean, prepare and paint 720 SF of concrete interior walls painting, 40 LF long x 18 FT high |
| {05-001} HVAC: | |
| 1 | Remove and replace in-kind 1 each of Central AC unit, 12 tons |
| Hazard Mitigation Proposal (HMP) Scope of Work: | |
| {00-001} Upper Roof in Top of Conference Room and {00-002} Main Roof (Refer to "HMP_SP90487-DR4339PR-Cost Estimate and CEF (REV3)" for details): | |
| | 1. When "Remove and Replace 1798.5 SF of Roof deck insulation, polyisocyanurate, 3-1/2" thick, 2#/CF density, fastening excluded", <i>"Add Secondary 1798.5 SF of Roof deck insulation, polyisocyanurate, 3-1/2" thick, 2#/CF density, fastening excluded to protect the membranes and absorb energy from flying debris and foreign objects."</i> |
| | 2. When "Remove and Replace 47.96 sq of Mopping Tar, 30 pounds per sq (100 SF)", <i>"Apply additional 23.98 sq of Roll roofing, asphalt, 1 ply #15 organic felt, 1 ply mineral surfaced, selvage roofing, lap 19, nailed & mopped to increase resiliency."</i> |
| | 3. When "Remove and Replace 23.98 sq of Roll roofing, asphalt, 1 ply #15 organic felt, 1 ply mineral surfaced, selvage roofing, lap 19", nailed & mopped", <i>"Apply additional 23.98 sq of Roll roofing, asphalt, 1 ply #15 organic felt, 1 ply mineral surfaced, selvage roofing, lap 19", nailed & mopped to increase resiliency."</i> |
| {05-001} HVAC: | |
| | 1. When "Remove and Replace 1 Ea. Rooftop air conditioner, single zone, electric cool only, 12.5-ton cooling, includes, standard controls, curb and economizer", <i>"Add Equipment Anchoring Assembly - 10'x10'x10' Volume to enhance resiliency."</i> |

d. PROJECT PW182930
i. LOCATION PLAN



ii. GENERAL DESCRIPTION

a. Building 177 : Edificio Salones R.O.T.C.

This building is a single-story, 2,304 SF structure consisting of meta panel gable roofing system bearing over C-purlins and structural steel frames. The building envelope consists of CMU walls and exterior finishes are mainly painted walls, aluminum jalousie windows and metal doors. Typical interior finishes are acoustic ceilings with insulation, VCT flooring tiles, ceramic wall tiles. **Approx. Year Built: 1991. GPS Latitude/Longitude: 18.11614, -66.15328**

b. Building 001-C: Caseta de Guardia 2

The facility is a reinforced concrete building with asphalt roofing system. The interior includes reinforced concrete block bearing walls and partitions with reinforced concrete floor on grade. Interior finishes primarily consist of painted concrete block and vinyl floor tile. **Approx. Year Built: 1988. GPS Latitude/Longitude: 18.11833, -66.15800**

c. Building 263 E-3: Deposito de Carpintería

This building is bunker-type, single-story, 960 SF structure consisting of corrugated metal panel gable roofing system bearing over wood joists and wood frames. The building

envelope consists of exposed clay brick and stone walls and unfinished treated wood panels, louvers, and doors. Typical interior finishes are exposed metal ceiling, stone walls, and smooth concrete floors. Interior wood framing system lacks proper hurricane rated connectors. The structure has historic characteristics and is mainly used as a storage. There is an adjacent, 36 SF surveillance platform. **Approx. Year Built: 1930. GPS Latitude/Longitude: 18.11538, -66.16373**

iii. SCOPE OF WORK – FEMA

| PW10331 - BUILDING 177 Edificio Salones R.O.T.C. (153068) | |
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| {00-001} Roofing System: | |
| Roof: | |
| 1 | Remove and replace 2,304 SF of corrugated metal roof panels, 64 FT long x 36 FT wide. |
| 2 | Remove and replace 1 each of 8IN galvanized cold-formed roof purlin, 70 FT long. |
| General Interior: | |
| 1 | Remove and replace 2,304 SF of fiberglass roof insulation, 64 FT long x 36 FT wide. |
| Room 100: | |
| 1 | Remove and replace 600 SF of acoustic ceiling tiles, 2FT x 4FT. |
| 2 | Remove and replace 4 each of fluorescent lights, 4 FT long x 2 FT wide. |
| 3 | Repair 1 each of Concrete walls' cracks, 30 FT long. |
| Room 101 – Computer Lab: | |
| 1 | Remove and replace 4 each of Metal jalousie windows, 3 FT wide x 5 FT high. |
| 2 | Remove and replace 580 SF of acoustic ceiling tiles, 2FT x 4FT, 20 FT long x 29 FT wide. |
| 3 | Remove and replace 4 each of Fluorescent Lights, 4 FT long x 2 FT wide. |
| 4 | Repair 1 each of concrete walls' cracks, 30 FT long. |
| 5 | Repair 1 each of Floor cracks (settlement), 50 FT long. |
| Room 102: | |
| 1 | Remove and replace 600 SF of acoustic ceiling tiles, 2FT x 4FT. |
| 2 | Remove and replace 4 each of Fluorescent Lights. |
| 3 | Repair 1 each of concrete walls' crack, 30 FT long. |
| 4 | Remove and replace 4 each of Windows, Metal Jalousie, 3 FT wide x 5 FT high. |
| Room 104 – Men's Bathroom: | |
| 1 | Remove and replace 100 SF of acoustic ceiling tiles, 2FT x 4FT. |
| 2 | Remove and replace 1 each of fluorescent lights, 4 FT long x 2 FT wide. |
| 3 | Repair 1 each of concrete wall cracks, 15 FT long. |
| 4 | Remove and replace 6IN x 6IN ceramic tile, cracks, 20 FT long x 5.5 FT high. |
| 5 | Remove and replace 2 each of toilets. |
| 6 | Remove and replace 2 each of sinks. |
| 7 | Remove and replace 2 each of showerheads, 2.5 GPM. |

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| 8 | Remove and replace 1 each of urinal. |
| Women's Bathroom: | |
| 1 | Remove and replace 100 SF of acoustic tiles, 2FT x 4FT, 10 FT long x 10 FT wide. |
| 2 | Remove and replace 1 each of fluorescent lights, 4 FT long x 2 FT wide. |
| 3 | Repair 20 each of concrete Walls' cracks. |
| 4 | Repair 30 each of Wall tiles, cracks. See Scope Note #1. |
| 5 | Remove and replace 2 each of toilets. |
| 6 | Remove and replace 2 each of sinks, 23IN L x 24IN W. |
| 7 | Remove and replace 2 each of showerheads, 2.5 GPM. |
| Training Wood Gazebo – Main Frame: | |
| 1 | Remove and replace 6 each of 2 IN x 6 IN pressure treated wood beam, 20 FT long. |
| 2 | Remove and replace 4 each of 2 IN x 6 IN pressure treated wood beam, 7 FT long. |
| 3 | Remove and replace 2 each of 1 IN x 3 IN pressure treated wood beam, 20 FT long. |
| 4 | Remove and replace 4 each of 6 IN x 6 IN pressure treated wood column, 10 FT long. |
| 5 | Remove and replace 2 each of 6 IN x 6 IN pressure treated wood column, 11.5 FT long. |
| 6 | Remove and replace 1 each of 6 IN x 6 IN pressure treated wood column, 1.5 FT long. |
| Training Wood Gazebo – Monkey Bars: | |
| 1 | Remove and replace 28 each of 2 IN round tube, galvanized steel, 4 FT long. |
| Training Wood Gazebo – Roofing System: | |
| 1 | Remove and replace 388 SF of ¾ IN pressure treated wood panel, paint finish. |
| 2 | Remove and replace 3 each of 4 IN x 4 IN pressure treated wood roof joist, 17.5 FT long. |
| 3 | Remove and replace 4 each of 2 IN x 4 IN pressure treated wood roof joist, 17.5 FT long. |
| 4 | Remove and replace 3 each of 2 IN x 4 IN pressure treated wood roof rafter, 20 FT long. |
| Hazard Mitigation Proposal (HMP) Scope of Work: | |
| Building Damage: {00-001} | |
| Roof: | |
| | <p>1.1 Building Exterior, 2,304 SF of corrugated metal roof panels, 64 FT long x 36 FT wide, damage caused by high winds and wind driven debris.</p> <p>-Upgrade the thickness of 2,304 SF metal roof panels from gauge 24 to gauge 22</p> <p>-Improve the fastening pattern of the metal roof panels, adding 36 fasteners per 100 SF, in order to better secure the exterior panels and mitigate damages to the building envelope itself and subsequent water infiltration damage.</p> |
| | <p>1.2 Building Exterior, 1 each of 8IN galvanized cold-formed roof purlin, 70 FT long, warped, bent, distortion caused by high winds and wind driven debris. 0727</p> <p>Girt/purlin, C/Z-shapes, 8" x 2-3/4" x 2-3/4", 12 ga., 5.6 lb/LF, shop fabricated, includes primer coat, clips and bolts, materials only</p> |

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| | <p>1.3 Building Interior, 1 each of Concrete walls cracks, 30 FT long, Strong winds.</p> <p>Consider adding concrete admixture to the mortar mix such as Crossco Acryl-B-60 or similar to enhance the performance and bonding of the concrete mix for plastering</p> |
| {01-003} Room101-Computer Lab (20FT W x 29FT L): | |
| | <p>1.4 Building Exterior, 4 each of Metal jalousie windows, 3 FT wide x 5 FT high, Strong winds broken them.</p> <p>Windows, for impact windows, minimum add 60% material only</p> |
| | <p>1.5 Building Interior, 1 each of concrete walls cracks, 30 FT long, strong winds affected the walls.</p> <p>Consider adding concrete admixture to the mortar mix such as Crossco Acryl-B-60 or similar to enhance the performance and bonding of the concrete mix for plastering</p> |
| | <p>1.6 Building Interior, 1 each of concrete walls crack, 30 FT long, strong winds affected walls structure.</p> <p>Consider adding concrete mixture to the mortar mix such as Crossco Acryl-B-60 or similar to enhance the performance and bonding of the concrete mix for plastering</p> |
| | <p>1.7 Exterior Site, 4 each of Windows, Metal Jalousie, 3 FT wide x 5 FT high, strong winds broken them.</p> <p>Windows, for impact windows, minimum add 60% material only</p> |
| {01-005} Room104 - Men's Bathroom (10FT W x 10FT L): | |
| | <p>1.8 Building Interior, 1 each of concrete wall cracks, 15 FT long, strong winds broken them.</p> <p>Consider adding concrete mixture to the mortar mix such as Crossco Acryl-B-60 or similar to enhance the performance and bonding of the concrete mix for plastering</p> |
| {01-006} Women's Bathroom (10FT W x 10FT L): | |
| | <p>1.9 Building Interior, 20 each of concrete Walls cracks, strong winds and earth movement broke walls.</p> <p>Consider adding concrete mixture to the mortar mix such as Crossco Acryl-B-60 or similar to enhance the performance and bonding of the concrete mix for plastering</p> |

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| PW10331 - BUILDING 001-C Caseta de Guardia 2 (250388) | |
| {00-001} Roofing System: | |
| 1 | Remove and replace 168 SF of elastomeric coating roofing system, 14 FT long x 12 FT wide. |
| Exterior Building: | |
| 1 | Remove and replace 1 each of aluminum hollow door and frame, 3 FT wide x 7 FT high |

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| 2 | Remove and replace 1 each of push-button, wall mounted drinking fountain. |
| 3 | Remove and replace 360 SF of concrete walls painting, 40 FT long x 9 FT high. |
| 4 | Remove and replace 10 SF of concrete plaster. |
| 5 | Remove and replace 1 each of plexiglass panel caulking seal, 4 FT wide x 4 FT high. |
| Interior Building: | |
| 1 | Remove and replace 1 each of wood hollow door, 2 FT wide x 6.75 FT high. |
| 2 | Remove and replace 100 SF of vinyl floor tiles, 12 IN x 12 IN each tile, 10 FT long x 10 FT wide. |
| 3 | Remove and replace 1 each of fluorescent 2 tube light fixture, 2 FT long x 2 FT wide. |
| 4 | Remove and replace 360 SF of concrete walls painting, 40 FT long x 9 FT high. |
| Hazard Mitigation Proposal (HMP) Scope of Work: | |
| {00-001} Roofing System: Waterproofing System (14 FT L x 12 FT W): | |
| | <p>1.1 Exterior, 168 SF of elastomeric coating roofing system, 14 FT long x 12 FT wide, damage caused by strong winds, water ponding, and wind driven debris.</p> <p>-Add an additional membrane will help to absorb energy from flying debris and protect membranes below, helping to mitigate to the roof and interior damages from water infiltration</p> <p>-Improve the slope of the flat roof to ensure proper drainage and prevent infiltration damages to the roof and interior.</p> <p>-Include Termination Bar or "Peel-Stop" Bar will help to prevent the roof membrane from being displaced.</p> <p>-Cap Flashing This measure will help the waterproof system tolerate high wind pressure expected during a similar event.</p> |
| {00-002} Exterior Building: | |
| | <p>1.2 Drinking Fountain (10 FT L x 10 FT W x 9 FT H): Building Exterior, 1 each of push-button, wall mounted drinking fountain, damaged by strong winds and windblown debris.</p> <p>Chemical anchoring, for fastener 3/4" diam x 6" embedment, incl epoxy cartridge, excl layout, drilling & fastener</p> |
| | <p>1.3 Plaster (10 FT L x 10 FT W x 9 FT H): Building Exterior, 10 SF of concrete plaster, broken by strong winds and windblown debris impacts.</p> <p>Consider adding concrete mixture to the mortar mix such as Crossco Acryl-B-60 or similar</p> <p>to enhance the performance and bonding of the concrete mix for plastering</p> |

| PW10331 - BUILDING 263 E-3 Deposito de Carpinteria (261554) | |
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| {00-001} Roofing System: | |
| 1 | Remove and replace in kind 1,140 SF of galvanized corrugated metal deck, 1-1/2IN depth, type B. |
| 2 | Remove and replace in kind galvanized metal flashing, ridge, 18IN wide, 40 FT long. |
| 3 | Remove and replace in kind 17 each of 2IN X 4IN, pressure-treated wood gable rafters, 28.5 FT long. |
| 4 | Remove and replace in kind 10 each of 2IN x 4IN, pressure-treated wood roof joist, 40 FT long. |
| Surveillance Platform: | |
| 1 | Clean and paint in kind 52 SF of metal painted panels and tubes. |
| 2 | Remove and replace in kind 36 SF of pressure treated slotted wood panels, 6 FT long x 6 FT wide. |
| 3 | Remove and replace in kind 36 SF of cardboard roofing and flashing, 6 FT long x 6 FT wide. |
| Retaining Wall (Building Exterior): | |
| 1 | Remove and replace in kind 2.1278 CY of stone and mortar retaining wall, historic characteristics, wall height varies from 12IN to 80IN (average shown), 15 FT long x 3.83 FT high x 12 IN thick. See Scope Note #2. |
| Hazard Mitigation Proposal (HMP) Scope of Work: | |
| {000-01} Roofing System (40 FT L x 24 FT W): | |
| | 1.1 Building Exterior, 1,140 SF of galvanized corrugated metal deck, 1-1/2IN depth, type B, damage caused by high winds and wind driven debris. Replace Metal roof decking, steel, open type B wide rib, galvanized, under 50 sq., 1-1/2" D, 22 gauge |
| | 1.2 Building Exterior, galvanized metal flashing, ridge, 18IN wide, 40 FT long, damage caused by high winds and wind driven debris. APP modified bituminous membrane, smooth surface flashing, 160 mils, torched |
| {000-02) Surveillance platform (6 FT L X 6 FT W X 16 FT H): | |
| | Exterior Site, 36 SF of cardboard roofing and flashing, 6 FT long x 6 FT wide, damage caused by high winds Replace Metal roof decking, steel, open type B wide rib, galvanized, under 50 sq., 1-1/2" D, 22 gauge |

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