

**UNIVERSITY OF PUERTO RICO
CENTRAL ADMINISTRATION
NOTICE OF REQUEST FOR PROPOSAL (RFP) DRO 23-019 / 10482
DESIGN AND SUPERVISION SERVICES**

Timeline:

RFP publication date: March 1, 2023.

Site Visit: If necessary and required by the proponent

**Deadline for Request
for Information by email:** March 14, 2023, Time: on or before 4:30pm.

**Response for Request
for Information by email:** March 17, 2023, Time: on or before 4:30pm.



The proposal must be submitted **by email on or before 11:59pm (AST) on March 24, 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 uprrecovery.rpf@upr.edu**. To request the RFP Documents write us at said email.

Oficina de
Desarrollo
Físico e
Infraestructura

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 **10482- DRO-D01 – Caribbean Primate Research Center at Cayo Santiago, University of Puerto Rico, Medical Sciences Campus** ("The Project"). The purpose of this RFP is to request and receive proposals from qualified Architecture and Engineering firms for the development of all design documents: Basis of Design, detail design, specifications, cost estimates, schedules, scopes of work, bidding phase, and other required documentation for the compliance of the requirements of FEMA and PRDOH/CDBG-DR Non-Federal Match Program. The awarded firm or professional will also provide services of oversight and coordination for the execution of a complete comprehensive project.

The site suffered damages to various buildings and structures. The project will impact seven (7) buildings and structures, whose respective scope of work, as stated by FEMA, are summarized among seven (7) Disaster Identification Numbers.

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 Rivera, Director

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REQUEST FOR PROPOSALS FOR:

DESIGN AND SUPERVISION SERVICES for

Project Number: 10482-DRO-D01-RCM

Project Title: Caribbean Primate Research Center at Cayo Santiago, University of Puerto Rico, Medical Sciences Campus

RFP #DRO 23-019/10482

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 10482-DRO-D01-RCM Caribbean Primate Research Center at Cayo Santiago, University of Puerto Rico, Medical Sciences Campus (the "Project"). 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 particular for this project at the Caribbean Primate Research Center (CPRC), the care, protection and welfare of each of the animals found there is as important as each of the investigations that are carried out. Therefore, CPRC's animal care program is in full compliance with the guidelines established by the Animal Welfare Act (AWA) and is fully accredited by the Association for Assessment and Accreditation of Laboratory Animal Care International (AAALAC). Also, compliance with National Institutes of Health (NIH) Design and Construction standards is required for animal research facilities. 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 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:

- 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	March 1, 2023
Deadline for Request for Information (RFI) by email	March 7, 2023, Time: on or before 4:30pm Atlantic Standard Time (AST)
Response for Request for Information by email	March 9, 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)	March 14, 2023, Time: on or before 11:59pm Atlantic Standard Time (AST).
Award Notification	April 2023
Execution of Agreement	April 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 Caribbean Primate Research Center (CPRC) is a research, educational and training center of the Medical Sciences Campus, University of Puerto Rico located in the island of Cayo Santiago on the east side of Puerto Rico. The campus property is around 20 acres including open areas and roads. It started its development in 1970 (53 years old). The north and east side of the property is dominated by the monkey cages and the south-west by laboratory and administration buildings.

The University of Puerto Rico, Medical Sciences Campus consists of various wooden structures, sheet metal and cyclone fence containment areas, trapping cages, water collection concrete structures, water drinking fountains, water holding tanks, a boat dock, isthmus and approximately 1200 pure rhesus Indian monkeys on the Cayo Santiago islands.

The monkeys currently living on Cayo Santiago are divided into a few natural social groups. The individuals in the current colony are the direct descendants of 409 monkeys who were brought to the island in 1938. Monkeys are fed a diet of Purina monkey chow from three feeding locations on the island. The population also eats a variety of other indigenous foods, including leaves, fruits, flowers, and soil. Monkeys have ad libitum access to water at several locations.

Because of almost 70 years of research at this field site, subjects are well habituated to human experimenters.

The CPRC facilities damages to be addressed in this RFP are:

- Almacén de Equipos 00A-8 (Building Footprint – 374 SF)
- Edificio Principal* 00A-3 (Building Footprint – 588 SF)
- Edificio Principal 00A-4 y Laboratorio (Canopy East (20FT x 60FT), Canopy West (15FT x 50FT), Trailer (10FT x 40FT),
- Edificio 00A-5 Procesamiento de Animales (Footprint – 528SF)
- Edificio 00A-7 Área de Descanso de Empleados (Footprint – 1,444 SF)
- Edificio 00A-6 Área de Descanso de Investigadores (Footprint – 740SF)
- Cayo Santiago 00A-10-444 Site (Cistern, Drainage, Water fountain, Boat Dock, Isthmus Connector (459 LF), Rain Collection Structure A (12 FT x 22 FT), Rain Collection Structure B (12 FT x 22 FT), Trapping Blind A (4 FT x 7 FT), Trapping Blind B (4 FT x 7 FT), Trapping Blind C (4 FT x 7 FT), Corral A (38 FT x 6 sides), Corral B (33 FT x 6 sides), and Corral C (34 FT x 6 sides).)



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, 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.
- 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.

5.1.6 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.

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

6. COST PROPOSAL

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

7. REQUIRED DOCUMENTS FOR THE SUBMISSION OF THE PROPOSAL

General Instructions

The evaluation and selection of a Firm will be based on the information submitted in the proposal plus references and interviews/presentations, or demonstrations. 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 met 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 address 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 (Transmittal letter signed)
- 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
- Cost Proposal Breakdown - Provide Cost Estimate Breakdown based in SOW provided in Appendix E.
- 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.**

Request for Information (RFI)

An RFI or clarification shall be addressed by email to: upprecovery.rfp@upr.edu on or before the date established in this document. No telephone inquiries will be allowed. After the established date, no further questions will be allowed.

8. UPR RESPONSIBILITIES

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

- All the information available that is 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 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 (5 points) – Refer to Appendix A Statement of the Bidder

- Provide a complete profile of your organization, mission, and vision statements. (5 points)

Experience and strategy in providing the services (25 points) – Refer to Appendix A Statement of the Bidder

- Describe the organization/company's experience and capabilities in providing similar services to those trades required. Be specific and detail no

more than three projects/contracts: description of work, dates, locations, challenges, and results. (8 points)

- Indicated any experience in projects with FEMA grants. (2 points)
- Please indicate whether you have experience working with public or federal entities, and years of experience performing like services. (5 points)
- Provide specific examples of the services or tasks previously provided by the entity as considered in this RFP. (5 points)
- Detail your firm's understanding of the challenges and barriers for a project like this and proposed approach to overcoming these barriers. (3 points)
- Identify potential risk factors and methods for dealing with these factors. (2 points)

Team qualifications (55 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. 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. (15 points)
- Experience with design for Primates Research facilities. (10 points)
- Experience with marine docking piers. (10 points)
- Experience working in research facilities in compliance with guidelines established by the Animal Welfare Act (AWA) or fully accredited by the Association for Assessment and Accreditation of Laboratory Animal Care International (AAALAC). (5 points)
- Experience in research facilities for animals in compliance with National Institutes of Health (NIH) Design and Construction standards. (5 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 (10 points)
 - Full Completeness of Personnel/Trade specialist (mechanical, electrical, architectural, structural, civil) qualifications per trades based on SOW

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

- Proponent 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. If contacted, all references must verify a high level of satisfaction was provided. (5 points)

Cost Proposal Breakdown (5 points)

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

Cost Proposal (25points) – Refer to Appendix F – 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: $(\text{Lowest Cost Proposal} / (\text{Cost Proposal being evaluated})) \times \text{Total Cost Proposal Points}$. Final score will be rounded to the nearest whole number.

Cost Proposal % Fee for additional SOW (5 points) – Refer to Appendix F – 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 shall 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
Executive Summary	5
Experience and strategy in providing the services	25
Team qualifications	55
Proponent references	5
Cost Proposal Breakdown	5
Cost Proposal	25
Cost Proposal % Fee for additional SOW	5
Total	125
Section 3 Business concerns and MWBE	5
Total	130

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.

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. UPR DISCLAIMERS

By submitting a Proposal, the Proponent, on behalf of themselves and their Partners/Subconsultants acknowledges and agrees that:

13.1. Equal Employment Opportunity and Non-Discrimination

13.1.1. 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.

13.2. Conflict of Interest

13.2.1. 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.

13.2.2. 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.

13.3. Proponent's Error and Omissions

13.3.1. 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.

13.4. Proponent's Expenses

13.4.1. 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.

13.5. Selection of proposal in best interest of the UPR

13.5.1. 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.

13.6. Number of Awards

13.6.1. 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").

13.7. Withdrawal Proposals

13.7.1. 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.

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

13.8.1. 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.

13.8.2. 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.

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

13.9. Ownership of Proposals

13.9.1. 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.

13.10. Confidentiality of Proposals

13.10.1. 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.

13.11. Collection and Use of Personal Information

13.11.1. 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.

13.12. RFP and Proposal as Part of Agreement

13.12.1. 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.

13.13. Non-Assignment

13.13.1. 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.

13.14. Causes for Disqualification

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

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

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

13.14.4. Any unauthorized ex-parte communication with UPR officials, employees, consultants or advisers, or any other unauthorized person, regarding this Project may be ground for disqualification.

13.15. No Bid

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

13.16. Sub-Contracts or Consultants of the Awarded Proponent

13.16.1. 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.

14. 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:

- 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
- 5. MWBE Utilization Plan - Click
- 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).
- 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 Corporation'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 evidencing 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.

Initials _____

- 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

15. 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, and 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. 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. Experience with design for Primates Research facilities. Experience with marine docking piers.

Experience working in research facilities in compliance with guidelines established by the Animal Welfare Act (AWA) and fully accredited by the Association for Assessment and Accreditation of Laboratory Animal Care International (AAALAC). Experience in research facilities for animals in compliance with National Institutes of Health (NIH) Design and Construction standards. 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. Full Completeness of Personnel/Trade specialist (mechanical, electrical, architectural, structural, civil) qualifications per trades based on SOW.

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

Authorized representative signature

Date

Initials _____

16. 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 23-019 / 10482

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 23-019 / 10482**

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 23-019 / 10482** 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,

Initials _____

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 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 23-019 /10482**

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 _____

17. APPENDIX C
POLICIES AND INSURANCE

Required Insurance for the project

RFP #DRO 23-019 / 10482

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
--	--	---

18. APPENDIX D COST PROPOSAL

COST PROPOSAL

University of Puerto Rico

RE: 10482-DRO-D01-RCM Caribbean Primate Research Center at Cayo Santiago, University of Puerto Rico, Medical Sciences Campus - RFP #DRO 23-019 / 10482

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

Estimated Construction Cost for the proposed development: \$_____

Professional design and supervision fees have been computed based on the estimated construction cost mention above:

COST PROPOSAL			
10482-DRO-D01-RCM Caribbean Primate Research Center at Cayo Santiago, University of Puerto Rico, Medical Sciences Campus			
PHASE	TIME	FEE	% FEE for Additional SOW
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
Design Phase and Supervision Subtotal:		\$	N/A
Additional Services			N/A
<ul style="list-style-type: none"> • Permit Management • Including lead and asbestos remediation permits and/or certificates in buildings prior to 1990. 	N/A	\$	N/A
•	___ days	\$	N/A
•	___ days	\$	N/A

Reimbursable Expenses: For fees, stamps, and filing costs related to endorsements and permits from permit regulatory offices.	N/A	\$	N/A
_____ (\$ _____) *Write the total amount in word and numbers			Additional SOW Fee % _____ (Design subtotal + Supervision) / Estimated Cost

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

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

Dated: _____ day of _____ 20____.

Firm Name:	
Signed by:	_____ (Sign it in ink)
Name:	
Title:	
Employers Social Security:	

Initials _____

Mail Address:	
Physical Address:	
Phone Number:	
Fax Number:	
E-mail:	

Seal (if Bidder is a Corporation)

19. APPENDIX E

SCOPE OF WORK

I. GENERAL DATA OF THE PROJECT:

Campus: UPR Ciencias Médicas CPRC - Cayo Santiago - Humacao

PW # 10482

:

- DI: 264425 Building 00A-10-444 Site
- DI: 153105 Building 00A-3 Edificio Principal
- DI: 209519 Building 00A-4 Edificio Principal y Laboratorio
- DI: 256691 Building 00A-5 Procesamiento de Animales
- DI: 256694 Building 00A-6 Área de Descanso de Investigadores
- DI: 256693 Building 00A-7 Área de Descanso de Empleados
- DI: 151973 Building 00A-8 Almacén de Equipos

II. BUILDING AND FACILITIES LOCATION PLAN:



00A-Site	Building 00A-10-444 Site
00A-3	Building 00A-3 Edificio Principal
00A-4	Building 00A-4 Edificio Principal y Laboratorio
00A-5	Building 00A-5 Procesamiento de Animales

00A-6	Building 00A-6 Área de Descanso de Investigadores
00A-7	Building 00A-7 Área de Descanso de Empleados
00A-8	Building 00A-8 Almacén de Equipos

III. GENERAL DESCRIPTION:

a. Building 00A-10-444 Site

The Complex is a free ranging habitat for approximately 1,200 Rhesus monkeys used for research that inhabit the island. For safety reasons including requirements for medical tests, the site was not visited. Ninety eight percent (98%) of the site structures received

critical damage and are beyond repair; the surrounding vegetation was also severely impacted.

b. Building 00A-3: Edificio Principal

The Main Building (00A-3) was a one level. 588 SF, site cast, reinforced concrete structure with CMU infill. The roof was corrugated sheet metal over wood framing. Interior finishes generally consisted of painted concrete, exposed concrete floors and unfinished ceiling materials.

c. Building 00A-4: Edificio Principal y Laboratorio.

The Laboratory Building (00A-4), "The Trailer", was used for the research, sample processing and food supply storage. It was a covered structure contained by two independent wood framed canopy roof structures supported on steel tube columns set in concrete footings. Interior finishes included laboratory casework, FRP wall surfaces and ceiling surfaces.

d. Building 00A-5: Procesamiento de Animales

The Animal Processing Area (00A-5) building was a 1 level, 528 SF, wood framed roof structure covered with corrugated metal. The roof was supported on steel posts bearing to concrete footings. The perimeter was enclosed with heavy gauge fencing.

e. Building 00A-06: Área de Descanso de Empleados

Building was a 1 story 1,444 SF, wooden structure building constructed in 1938 (80 years old). The roof was a framed structure covered with corrugated sheet metal for the purpose of collecting water and is supported on steel posts bearing to concrete footings. The interior included painted wood panel wall partitions and wood panel flooring. The perimeter is enclosed with heavy gauge fencing.

f. Building 00A-07: Área de Descanso de Investigadores

The Researcher Resting Area A (006A-6) building was a 1 level, 740 SF, wood framed roof structure covered with corrugated metal. The roof was supported on steel posts bearing to concrete footings. The perimeter is enclosed with heavy gauge fencing.

g. Building 00A-8 Edificio Almacén de Equipos

The Tools, Materials and Equipment Storage Area (00A-8) building was a one level, 374 SF wood framed roof structure covered with corrugated metal. The roof frame was supported on poured in place re-enforced weight bearing concrete walls.

IV. SCOPE OF WORK- FEMA:

00A-10-444 Site
PA Works
General: GPS: 18.15769, -65.73470

	1	Repair in-kind Cistern, 2 each of fiberglass cistern, 500 GAL.
	2	Repair in-kind Foundation, concrete, footings, 8 IN DIA, reinforced, 30 LF long.
	3	Repair in-kind Slab on grade, 194 SF of concrete, pad, 3.5 IN thick with 6 IN x 6 IN #6 WWF.
	4	Repair in-kind Drainage, collection piping, .75 IN DIA polyethylene, 1,100 LF.
	5	Repair in-kind Pump, 2 each of 5 GPM submersible.
	6	Repair in-kind Electrical line, power, 120V, buried, 3,300 LF.
	7	Repair in-kind Water cistern, 9 each of polyethene cistern, 250 GAL.
	8	Repair in-kind Water fountain, 14 each of drinkers, stainless steel, float valve operator.
	9	Repair in-kind Piping, distribution, .75 IN diameter polyethylene, 900 LF.
	10	Repair in-kind Graphics, 19 each of 4 FT x 4 FT reflective surface, 2-12 FT 4 IN x 4 IN wood posts.
	11	Boat Dock (16 FT x 106 FT) Bridge Approach: GPS: 18.15770, -65.73497
	12	Repair in-kind Gabion headwalls, 935 CF of 6 GA stainless steel cages.
	13	Repair in-kind Dock, 988 CF of gabion mat, 18 IN deep.
	14	Repair in-kind Reinforcement, 650 SF of biaxial geogrid.
	15	Repair in-kind Reinforcement mesh, 650 SF of geotextile fabric, polypropylene filament, 16 OZ.
	16	Repair in-kind Fill, 650 CF of base, roadway fill.
	17	Repair in-kind Paving, 450 SF of 8 IN concrete, #4 at 12 IN OC both ways.
	18	Repair in-kind Road, curb, 8 IN x 8 IN concrete, #4 dowels at 24 IN OC, #4 continuous, 90 LF.
Isthmus Connector (459 LF): GPS: 18.15852, -65.73243		
	19	Repair in-kind Gabion headwalls, 24,786 CF of 6 GA stainless steel cages.
	20	Repair in-kind Gabion Mat, 20,655 CF of 18 IN deep.
	21	Repair in-kind Reinforcement, 13,770 SF of biaxial geogrid.
	22	Repair in-kind Geotextile fabric, 13,770 SF of polypropylene filament, 16 OZ.
	23	Repair in-kind Base, 27,540 CF of roadway fill.

	24	Rain Collection Structure A (12 FT x 22 FT): GPS: 18.15559, -65.73367
	25	Repair in-kind Roof, 374 SF of corrugated metal, 26 GA, 2.5 FT x 7/8 IN, galvanized.
	26	Repair in-kind Roof, joists, 2 IN x 6 IN @ 16 IN OC, 332 LF.
	27	Repair in-kind Roof, nailer boards, 2 IN x 4 IN, 119 LF.
	28	Repair in-kind Concrete footings, 6 each of 3-#4 reinforcing, 6 IN DIA, 2 FT long.
	29	Repair in-kind Columns, 15 each of 8 FT high, 2.5 IN OD galvanized pipe with base and anchor plates.
	30	Repair in-kind Concrete slab, 300 SF of 3.5 IN thick with 6 IN x 6 IN #6 WWF.
	31	Repair in-kind Beams, wood, 2 IN x 6 IN, 70 LF.
	32	Repair in-kind Framing, miscellaneous, 2 IN x 10 IN, 40 LF.
	33	Repair in-kind Framing, miscellaneous, 2 IN x 6 IN, 40 LF.
	34	Repair in-kind Metal lath, 560 SF of galvanized, 6 IN x 6 IN, 3.4 LBS per SF.
	35	Repair in-kind Door and frame, 2 each of aluminum residential combination storm and screen, 1 lite 3 FT 0 IN x 7 FT 0 IN.
Rain Collection Structure B (12 FT x 22 FT): GPS: 18.15841, -65.73091		
	36	Repair in-kind Roof, 374 SF of corrugated metal, 26 GA, 2.5 FT x 7/8 IN, galvanized.
	37	Repair in-kind Roof joists, 2 IN x 6 IN @ 16 IN OC, 332 LF.
	38	Repair in-kind Roof, nailer boards, 2 IN x 4 IN, 119 LF.
	39	Repair in-kind Concrete footings, 6 each of 3- #4 reinforcing, 6 IN DIA, 2 FT long.
	40	Repair in-kind Columns, 15 each of 8 FT high, 2.5 IN OD galvanized pipe with base and anchor plates.
	41	Repair in-kind Slab on grade, 300 SF of concrete, 3.5 IN with 6 IN x 6 IN, #6 W.W.F.
	42	Repair in-kind Beams, wood, 2 IN x 6 IN, 70 LF.
	43	Repair in-kind Miscellaneous framing, 2 IN x 10 IN, 40 LF.
	44	Repair in-kind Miscellaneous framing, 2 IN x 6 IN, 40 LF.
	45	Repair in-kind Metal lath, 560 SF of galvanized, 3.4 LBS per SF.

	46	Repair in-kind Door and frame, 2 each of aluminum residential combination storm and screen, 1 lite 3 FT 0 IN x 7 FT 0 IN.
Trapping Blind A (4 FT x 7 FT): GPS: 18.15719, -65.73366		
	47	Repair in-kind Roof, 32 SF of corrugated metal, 26 GA, 2.5 FT x 7/8 IN, galvanized.
	48	Repair in-kind Grade beam, concrete, 16 IN x 24 IN, 2-#4 top and bottom, 22 LF.
	49	Repair in-kind Slab, 28 SF of concrete 3.5 IN with 6 IN x 6 IN, #6 W.W.F.
	50	Repair in-kind Wall, 20 SF of 6 IN CMU, ladder reinforcing.
	51	Repair in-kind Plate, wood 2 IN x 4 IN, 22 LF.
	52	Repair in-kind Studs, 2 IN x 4 IN at 16 IN OC, 120 LF.
	53	Repair in-kind Siding, 30 SF of 3/4 IN marine grade plywood.
	54	Repair in-kind Door and frame, 1 each of aluminum residential combination storm and screen, 1 lite 3 FT 0 IN x 7 FT 0 IN.
	55	Repair in-kind Window, 1 each of 2 FT x 2 FT, one way, glazing.
	56	Repair in-kind Screen, 50 SF of expanded metal lath, galvanized.
Trapping Blind B (4 FT x 7 FT): GPS: 18.15719, -65.73366		
	57	Repair in-kind Roof, 32 SF of corrugated metal, 26 GA, 2.5 FT x 7/8 IN, galvanized.
	58	Repair in-kind Slab, 28 SF of concrete 3.5 IN with 6 IN x 6 IN #6 WWF.
	59	Repair in-kind Wall, 20 SF of 6 IN CMU, ladder reinforcing.
	60	Repair in-kind Plate, wood 2 IN x 4 IN, 22 LF.
	61	Repair in-kind Studs, 2 IN x 4 IN at 16 IN OC, 120 LF.
	62	Repair in-kind Siding, 30 SF of 3/4 IN marine grade plywood.
	63	Repair in-kind Door and frame, 1 each of aluminum residential combination storm and screen, 1 lite 3 FT 0 IN 7 FT 0 IN.
	64	Repair in-kind Window, 1 each of 2 FT x 2 FT, one way, glazing.
	65	Repair in-kind Screen, 50 SF of expanded metal lath, galvanized.
Trapping Blind C (4 FT x 7 FT): GPS: 18.15809, -65.73120		

	66	Repair in-kind Roof, 32 SF of corrugated metal, 26 GA, 2.5 FT x 7/8 IN, galvanized.
	67	Repair in-kind Grade beam, concrete, 16 IN x 24 IN, 2-#4 top and bottom, 22 LF.
	68	Repair in-kind Slab, 28 SF of concrete 3.5 IN with 6 IN x 6 IN #6 WWF.
	69	Repair in-kind Wall, 20 SF of 6 IN CMU, ladder reinforcing.
	70	Repair in-kind Plate, wood 2 IN x 4 IN, 22 LF.
	71	Repair in-kind Studs, 2 IN x 4 IN at 16 IN OC, 120 LF.
	72	Repair in-kind Siding, 30 SF of 3/4 IN marine grade plywood.
	73	Repair in-kind Door and frame, 1 each of aluminum residential combination storm and screen, 1 lite 3 FT 0 IN x 7 FT 0 IN.
	74	Repair in-kind Window, 1 each of 2 FT x 2 FT, one way, glazing.
	75	Repair in-kind Screen, 50 SF of expanded metal lath, galvanized.
Corral A (38 FT x 6 sides): GPS: 18.15708, -65.73356		
	76	Repair in-kind Grade beam, perimeter, reinforced concrete, 16 IN x 30 IN, 2 #4 top and bottom, 240 LF.
	77	Repair in-kind Footing, 48 each of 8 IN diameter x 30 IN deep.
	78	Repair in-kind Post, 2.5 IN heavy gauge galvanized fence post, 400 LF.
	79	Repair in-kind Braces, 2.5 IN heavy gauge galvanized fence post, 300 LF.
	80	Repair in-kind Post caps, 40 each of 2.5 IN.
	81	Repair in-kind Purlins, wood, 2 IN x 6 IN, 720 LF.
	82	Repair in-kind Edge protection, 4 IN schedule 40 PVC, 240 LF.
	83	Repair in-kind Corrugated metal, 1,920 SF of 26 GA, 2.5 FT x 7/8 IN, galvanized.
	84	Repair in-kind Fence, 960 SF of chain link, 2 IN x 2 IN, 11 GA.
	85	Repair in-kind Gate, 4 each of sliding, 4 FT x 6 FT, 1.25 IN diameter frame with welded corners, roller guide track, 2 IN x 2 IN chain link mesh.
	86	Repair in-kind Cable, 0.25 IN stainless steel, braided, 150 LF.
Corral B (33 FT x 6 sides): GPS: 18.15510, -65.73368		

	87	Repair in-kind Grade beam, perimeter, reinforced concrete, 16 IN x 30 IN, 2 #4 top and bottom, 240 LF.
	88	Repair in-kind Footings, 48 each of 8 IN diameter x 30 IN deep.
	89	Repair in-kind Post, 2.5 IN heavy gauge galvanized fence post, 400 LF.
	90	Repair in-kind Braces, 2.5 IN heavy gauge galvanized fence post, 300 LF.
	91	Repair in-kind Post caps, 40 each of 2.5 IN.
	92	Repair in-kind Purlins, wood, 2 IN x 6 IN, 720 LF.
	93	Repair in-kind Edge protection, 4 IN Schedule 40 PVC, 240 LF.
	94	Repair in-kind Corrugated metal, 1,920 SF of 26 GA, 2.5 FT x 7/8 IN, galvanized.
	95	Repair in-kind Fence, 960 SF of chain link, 2 IN x 2 IN, 11 GA.
	96	Repair in-kind Gate, 4 each of sliding, 4 FT x 6 FT, 1.25 IN diameter frame with welded corners, roller guide track, 2 IN x 2 IN chain link mesh.
	97	Repair in-kind Cable, 0.25 IN stainless steel, braided, 150 LF.
Corral C (34 FT x 6 sides): GPS: 18.15803, -65.73145		
	98	Repair in-kind Grade beam, perimeter, reinforced concrete, 16 IN x 30 IN, 2 #4 top and bottom, 240 LF.
	99	Repair in-kind Footing, 48 each of 8 IN diameter x 30 IN deep.
	100	Repair in-kind Posts, 2.5 IN heavy gauge galvanized fence post, 400 LF.
	101	Repair in-kind Braces, 2.5 IN heavy gauge galvanized fence post, 300 LF.
	102	Repair in-kind Post caps, 40 each of 2.5 IN.
	103	Repair in-kind Purlins, wood, 2 IN x 6 IN, 720 LF.
	104	Repair in-kind Edge protection, 4 IN Schedule 40 PVC, 240 LF.
	105	Repair in-kind Corrugated metal, 1,920 SF of 26 GA, 2.5 FT x 7/8 IN, galvanized.
	106	Repair in-kind Fence, 960 SF of chain link, 2 IN x 2 IN, 11 GA.
	107	Repair in-kind Gates, 4 each of sliding, 4 FT x 6 FT, 1.25 IN diameter frame with welded corners, roller guide track, 2x2 chain link mesh.

	108	Repair in-kind Cable, 0.25 IN stainless steel, braided, 150 LF.
Method of Repair Scope:		
	109	Repair in-kind 1000 SF parking lot used for construction staging area.
406 HMP Scope		
Roofing System:		
	1	Replace 844 square feet of damaged roof 26 gauge with 24 gauge with thicker, stronger units to prevent flexure and detachment caused by high wind velocity that could cause subsequent water intrusion and interior damages.
	2	Install 844 square feet of self-adhering smooth surface asphaltic underlayment below metal roofing panels to add strength, prevent flexure, debris impact and subsequent water intrusion.
	3	Install 240 lineal feet of sheet metal flashing at the perimeter of the roof areas to strengthen the high-wind pressure areas.

Notes:

Asbestos and Lead Remediation have been added on the Asbestos and Lead Checklist. See document labeled: "90634 – D126442 - Lead and Asbestos Checklist_2020-09-03.pdf."

Building 00A-3 Edificio Principal		
PA Works		
Building Envelope:		
	1	Repair in-kind Building Exterior, 2 SF of wall, 1/4 IN thick plaster.
	2	Repair in-kind Building Exterior, 2 each of window, aluminum jalousie 3 FT x 5 FT.
	3	Repair in-kind Building Exterior, 2 each of door & frame, HM, metal frame, painted, 3 FT 0 IN x 7 FT 0 IN.
	4	Repair in-kind Building Exterior, 1 each of overhead door, metal, security type, 8 FT x 8 FT.
	5	Repair in-kind Building Exterior, posts, wood, 4 IN x 4 IN x 8 FT high, 16 LF.
	6	Repair in-kind Building Exterior, 2 each of post seats, galvanized.

	7	Repair in-kind Building Exterior, beam, wood, 2 IN x 8 IN, 50 LF.
Roofing System:		
	8	Repair in-kind Building Exterior, 600 SF of corrugated metal, 26 GA, 2.5 FT x 7/8 IN, galvanized.
	9	Repair in-kind Building Exterior, joists, 2 IN x 6 IN @ 16 IN OC, 460 LF.
	10	Repair in-kind Building Exterior, nailer boards, 2 IN x 4 IN, 180 LF.
406 HMP Scope		
Roofing System:		
	1	Replace 600 square feet of damaged roof 26 gauge with 24 gauge with thicker, stronger units to prevent flexure and detachment caused by high wind velocity that could cause subsequent water intrusion and interior damages.
	2	Install 600 square feet of self-adhering smooth surface asphaltic underlayment below metal roofing panels to add strength, prevent flexure, debris impact and subsequent water intrusion.
	3	Install 100 lineal feet of sheet metal flashing at the perimeter of the roof areas to strengthen the high-wind pressure areas.

Notes:

Asbestos and Lead Remediation have been added on the Asbestos and Lead Checklist. See document labeled: "90634 - DI153105 - Lead and Asbestos Checklist_2020-09-03.pdf."

Building 00A-4 Edificio Principal y Laboratorio		
PA Works		
Canopy East (20 FT x 60 FT):		
	1	Repair in-kind Building Exterior, 10 each of concrete footings, 3 EA #4 reinforcing, 6 IN diameter, 3 FT long.
	2	Repair in-kind Building Exterior, columns, 2.5 IN OD galvanized pipe, 100 LF.
	3	Repair in-kind Building Exterior, beams, wood, 2 IN x 10 IN, 240 LF.
	4	Repair in-kind Building Exterior, ridge beam, 2 IN x 8 IN, 120 LF.
	5	Repair in-kind Building Exterior, joists, 2 IN x 6 IN @ 16 IN OC, 1,107 LF.
	6	Repair in-kind Building Exterior, nailer boards 2 IN x 4 IN, 360 LF.
	7	Repair in-kind Building Exterior, collar beams, 2 IN x 6 IN, 64 LF.
	8	Repair in-kind Building Exterior, 1,320 SF of corrugated metal, 26 GA, 2.5 FT x 7/8 IN, galvanized.

	9	Repair in-kind Building Exterior, ridge cap, pre-shaped, 22 GA, 16 IN wide, 60 LF.
Canopy West (15 FT x 50 FT):		
	10	Repair in-kind Building Exterior, 8 each of concrete footings, 3 EA #4 reinforcing, 6 IN diameter, 3 FT length.
	11	Repair in-kind Building Exterior, columns, 2.5 IN OD galvanized pipe, 80 LF.
	12	Repair in-kind Building Exterior, beams, wood, 2 IN x 10 IN, 200 LF.
	13	Repair in-kind Building Exterior, ridge beam, 2 IN x 8 IN, 100 LF.
	14	Repair in-kind Building Exterior, joists, 2 IN x 6 IN @ 16 IN OC, 886 LF.
	15	Repair in-kind Building Exterior, nailer boards 2 IN x 4 IN, 300 LF.
	16	Repair in-kind Building Exterior, 750 SF of corrugated metal, 26 GA, 2.5 FT x 7/8 IN, galvanized.
Trailer (10 FT x 40 FT):		
	17	Repair in-kind Building Exterior, 400 SF of trailer, totally destroyed.
	18	Repair in-kind Building Exterior, 2 CY of grade beam and spread footing, reinforced concrete.
	19	Repair in-kind Building Exterior, 1,200 SF of ceiling and walls, FRP panels, .090 IN thick.
	20	Repair in-kind Building Exterior, laboratory casework, base cabinet, 20 LF.
	21	Repair in-kind Building Exterior, countertop, plastic laminate, 25-1/2 IN deep x 4 FT high, 20 LF.
Roofing System:		
	22	Repair in-kind Building Exterior, 420 SF of corrugated metal, 26 GA, 2.5 FT x 7/8 IN, galvanized.
	23	Repair in-kind Building Exterior, joists, 2 IN x 6 IN @ 16 IN OC, 420 LF.
	24	Repair in-kind Building Exterior, nailer boards, 2 IN x 4 IN, 220 LF.
406 HMP Scope		
Roofing System:		
	1	Replace 2,490 square feet of damaged roof 26 gauge with 24 gauge with thicker, stronger units to prevent flexure and detachment caused by high wind velocity that could cause subsequent water intrusion and interior damages.

	2	Install 2,490 square feet of self-adhering smooth surface asphaltic underlayment below metal roofing panels to add strength, prevent flexure, debris impact and subsequent water intrusion.
	3	Install 390 lineal feet of sheet metal flashing at the perimeter of the roof areas to strengthen the high-wind pressure areas.
	4	Anchor 1 Ea. trailer structure to ground using wire rope tie downs to prevent overturning and displacement caused by high velocity wind. This mitigation cost includes 5 tie downs.

Notes:

Asbestos and Lead Remediation have been added on the Asbestos and Lead Checklist. See document labeled: "90634 – DI209519 - Lead and Asbestos Checklist_2020-09-03.pdf."

Building 00A-5 Edificio Procesamiento de Animales		
PA Works		
General:		
	1	Repair in-kind Building Exterior, 9 each of concrete footings, 3 EA #4 reinforcing, 6 IN diameter, 2 FT long.
	2	Repair in-kind Building Exterior, 9 each of columns, 8 FT high, 2.5 IN OD galvanized pipe with base and anchor plates.
	3	Repair in-kind Building Exterior, 484 SF of concrete, slab, 3.5 IN with 6 IN x 6 IN #6 WWF.
	4	Repair in-kind Building Exterior, beams, wood, 2 IN x 6 IN, 132 LF.
	5	Repair in-kind Building Exterior, misc. framing, 2 IN x 10 IN, 66 LF.
	6	Repair in-kind Building Exterior, misc. framing, 2 IN x 6 IN, 66 LF.
	7	Repair in-kind Building Exterior, 528 SF of expanded metal lath, galvanized, 3.4 LBS per SF.
Roofing System:		
	8	Repair in-kind Building Exterior, 568 SF of corrugated metal, 26 GA, 2.5 FT x 7/8 IN, galvanized.
	9	Repair in-kind Building Exterior, joists, 2 IN x 6 IN @ 16 IN OC, 442 LF.
	10	Repair in-kind Building Exterior, nailer boards, 2 IN x 4 IN, 120 LF.
406 HMP Scope		
Roofing System:		

	1	Replace 2,490 square feet of damaged roof 26 gauge with 24 gauge with thicker, stronger units to prevent flexure and detachment caused by high wind velocity that could cause subsequent water intrusion and interior damages.
	2	Install 2,490 square feet of self-adhering smooth surface asphaltic underlayment below metal roofing panels to add strength, prevent flexure, debris impact and subsequent water intrusion.
	3	Install 390 lineal feet of sheet metal flashing at the perimeter of the roof areas to strengthen the high-wind pressure areas.

Notes:

Asbestos and Lead Remediation have been added on the Asbestos and Lead Checklist. See document labeled: "90634 – DI256691 - Lead and Asbestos Checklist_2020-09-03.pdf."

Building 00A-6 Área de Descanso de Investigadores		
PA Works		
General:		
	1	Repair in-kind Building Exterior, 12 each of concrete footings, 3 EA #4 reinforcing, 6 IN DIA, 2 FT long.
	2	Repair in-kind Building Exterior, 11 each of columns, 8 FT high, 2.5 IN OD galvanized pipe with base and anchor plates.
	3	Repair in-kind Building Exterior, 450 SF of concrete, slab, 3.5 IN with 6 IN x 6 IN #6 WWF.
	4	Repair in-kind Building Exterior, beams, wood, 2 IN x 6 IN, 150 LF.
	5	Repair in-kind Building Exterior, misc. framing, 2 IN x 10 IN, 90 LF.
	6	Repair in-kind Building Exterior, misc. wood framing, 2 IN x 6 IN, 30 LF.
	7	Repair in-kind Building Exterior, 960 SF of expanded metal lath, galvanized, 3.4 LBS per SF.
	8	Repair in-kind Building Exterior, 2 each of door & frame, aluminum residential combination storm and screen, 1 lite 3 FT 0 IN x 7 FT 0 IN.
Roofing System:		
	9	Repair in-kind Building Exterior, 740 SF of corrugated metal, 26 GA, 2.5 FT x 7/8 IN, galvanized.

	10	B. Repair in-kind Building Exterior, joists, 2 IN x 6 IN @ 16 IN OC, 740 LF.
406 HMP Scope		
Roofing System:		
	1	Replace 740 square feet of damaged roof 26 gauge with 24 gauge with thicker, stronger units to prevent flexure and detachment caused by high wind velocity that could cause subsequent water intrusion and interior damages.
	2	Install 740 square feet of self-adhering smooth surface asphaltic underlayment below metal roofing panels to add strength, prevent flexure, debris impact and subsequent water intrusion.
	3	Install 140 lineal feet of sheet metal flashing at the perimeter of the roof areas to strengthen the high-wind pressure areas.

Notes:

Asbestos and Lead Remediation have been added on the Asbestos and Lead Checklist. See document labeled: "90634 – DI256694 - Lead and Asbestos Checklist_2020-09-03.pdf."

Building 00A-7 Área de Descanso de Empleados		
PA Works		
Employee Resting Area:		
	1	Repair in-kind Building Exterior, pilings, wood, 4 IN x 4 IN, 2 FT deep, 64 LF.
	2	Repair in-kind Building Exterior, deck framing, wood, 2 IN x 6 IN, 574 LF.
	3	Repair in-kind Building Exterior, 484 SF of deck, 3/4 IN marine grade plywood.
	4	Repair in-kind Building Exterior, plates, wood, 2 IN x 4 IN, 240 LF.
	5	Repair in-kind Building Exterior, studs, wood, 2 IN x 4 IN, 544 LF.
	6	Repair in-kind Building Exterior, 506 SF of expanded metal lath, galvanized, 3.4 LBS per SF.
	7	Repair in-kind Building Exterior, 506 SF of siding, 3/4 IN plywood.
	8	Repair in-kind Building Exterior, 2 each of door & frame, aluminum residential combination storm and screen, 1 lite 3 FT 0 IN x 7 FT 0 IN.

	9	Repair in-kind Building Exterior, 1,142 SF of corrugated metal, 26 GA, 2.5 FT x 7/8 IN, galvanized.
406 HMP Scope		
Roofing System:		
	1	Replace 1,444 square feet of damaged roof 26 gauge with 24 gauge with thicker, stronger units to prevent flexure and detachment caused by high wind velocity that could cause subsequent water intrusion and interior damages.
	2	Install 1,1 square feet of self-adhering smooth surface asphaltic underlayment below metal roofing panels to add strength, prevent flexure, debris impact and subsequent water intrusion.
	3	Install 160 lineal feet of sheet metal flashing at the perimeter of the roof areas to strengthen the high-wind pressure areas.

Notes:

Asbestos and Lead Remediation have been added on the Asbestos and Lead Checklist. See document labeled: "90634 – DI256693 - Lead and Asbestos Checklist_2020-09-03.pdf."

Building 00A-8 Almacén de Equipo		
PA Works		
Work to be completed:		
	1	Demolition of 300 SF existing facility (UPR Ciencias Médicas CPRC-Cayo Sant).
	2	Replacement of 300 SF facility (UPR Ciencias Médicas CPRC-Cayo Sant).
406 HMP Scope		
Roofing System:		
	1	Replace 374 square feet of damaged roof 26 gauge with 24 gauge with thicker, stronger units to prevent flexure and detachment caused by high wind velocity that could cause subsequent water intrusion and interior damages.
	2	Install 374 square feet of self-adhering smooth surface asphaltic underlayment below metal roofing panels to add strength, prevent flexure, debris impact and subsequent water intrusion.
	3	Install 80 lineal feet of sheet metal flashing at the perimeter of the roof areas to strengthen the high-wind pressure areas.

Notes:

This project is scoped for the demolition and replacement of the building. The demolition work will be done in previously disturbed ground and within the footprint of the pre-disaster facility.

Additional Photos:

1. CPRC – Cayo Santiago almacén de equipos – GPS 18.15730, -65.73412



2. CPRC – Cayo Santiago Edificio Principal – GPS 18.15751, -65.73407



3. CPRC – Cayo Santiago Laboratorio- GPS 18.15751, -65.73407



4. CPRC – Cayo Santiago Procesamiento de Animales - GPS 18.15691, -6573419



5. Área de Descanso de Empleados - GPS 18.15771, -65.73400



6. CPRC – Cayo Santiago Area de Descanso de Investigadores -GPS 18.15717, -66.73413



7. CPRC – Cayo Santiago Site – GPS 8.157469, -65.73470

Example demolished corrals A, B and C



Concrete pier pulled out by storm.



Initials _____

Water collection tank demolished.



Initials _____