Final Scope of Works (SOW)
Calabaza
Facility Damages Repair
"Departamento de Recreación y Deportes de Puerto Rico (DRDPR)"

1. General Information

Project	:	Calabaza
PW Number	:	1863
Damage Inventory	:	1261727
Project Number	:	87524
Owner	:	DRDPR
Location	:	435 Street, BO Perchas I , Urb. San Gabriel Solar 239, San Sebastían, P.R
GPS Latitude/Longitude	:	18.3022, -66.9548

2. Description

The project is in 435 Street, BO Perchas I, Urb. San Gabriel Solar 239, San Sebastían, Puerto Rico. The facilities include a perimeter fence, parking area, baseball field, basketball court, metal pole lights, bathrooms facilities, concrete benches and dugouts facilities.

3. Scope of Works

01 Perimeter Fence:
- 01.1 Remove and replace damaged chain link fence, approximately 380 LF x 6 FT H.
- 01.2 Clear and grub vegetation along fence line, .04 acre (162 SM).
- 01.3 Remove and replace damaged cyclone fence at backstop, approximately 1,400 SFT.

02 Metal Lights Pole:
- 02.1 Remove and replace two (2) metal light poles 35´.
- 02.2 Remove existing light fixtures luminary (19 EA).
- 02.3 Install new LED light fixtures (6 poles, 2 luminary per pole, 12 total EA).
- 02.4 Remove and install new metal lighting poles PVC junction box (6 EA). Raintight, waterproof, 12"Lx12"Wx6"D, NEMA3R.

02.5 Remove and replace new wiring for poles (300 LFT).
02.6 Install new underground lighting circuit conduits and wiring to main panel Connection loop PVC conduits, SCH. 40, 2.5¨ diam (1,000 LFT).
02.7 02.7 Water pressure, apply primer and painting (2 coats) to existing steel base and post up to 30 FT. Repair concrete base. 4EA.

03 Covered Basketball Court Improvement:
03.1. Repair (4) Steel columns base plate and web approximately 1´-2" x 3´-0" (28 SFT Total).
03.2 Remove and replace basketball court luminaries (8 EA).
03.3 Selective demolition and pour new concrete slab (approximately 12 SFT X 6IN THK).
03.3 Repair court surface (approximately 40 SFT).
03.4 Water pressure and apply surface paint new coat (4,500 SF) equal or similar to ALPHA GRIP.
03.5 Install anti- bird net (approximately 8,500 SFT).
03.6 Install new Hoops Nets, 2 EA.
03.7 Remove and replace electrical exposure of systems.
03.8 Replace gutters (200 LFT), Downspout (6 EA, approximately 144 LFT), galvanized metal siding (approximately 100 SFT), Corner Trim Flashing (approximately 120 LFT).
03.9 Remove and dispose of existing water fountain.
3.10 Water pressure wash, prime and paint (2 coats) steel frame columns and beams.

04 Electrical Pedestal:
04.1 Verify and replace all damage electrical breakers, fixture and system. Provide Electrician Certification after finishing the project. All electrical System must have properly function.

05 Concrete Bleachers
05.1 Selective demolition of fist bench 20" x 45 LFT. 75 SFT X 4IN.
05.2 Construct new concrete bench (approximately75 SFT X 5IN).
05.3 Repair concrete benches approximately 30 SFT X 4IN.
05.4 Repair galvanized canopy steel columns anchor (6 EA).
05.5 Water pressure wash, prime and paint (2 coats). Surface and laterals. (600 SFT)
05.6 Water pressure wash, prime and paint (2 coats) steel columns, beams and metal roof. (1,600 SFT)

06 Dugout Structures
06.1 Repair concrete and surface (approximately 24 SFT).
06.2 Water pressure wash, prime and paint (2 coats), approximately 500 SFT EA Dugout, Total 1,000 SFT.
06.3 Water pressure wash and apply elastomeric waterproofing membrane (108 SFT EA, 216 SFT Total).

07 Baseball Field

07.1 Regrading and preparation of infield (approximately 1,114.84 SM). (12,000 SFT). Remove all grown sod inside the infield area and apply an industrial herbicide to prevent future grow. rake the area and remove all debris. To repair the infield surface, use a mix equal to 55 percent sand, 30 percent clay, and 15 percent silt covering material. Install baseball bases set.

07.2 Regrading, preparation and plant grass of all other areas (approximately 278.71 SM). (3,000 SFT).

08 Sidewalks

08.1 Surface repair of entrance sidewalk approximately 108 SFT.

09 Bathrooms

09.1 Remove and dispose all structure around vegetation. Approximately 20CYD.

ALTERNATE SERVICES:

09.2 Water pressure wash, apply prime and two (2) coats of paint. Interior and exterior. Approximately 1,400 SFT.

09.3 Remove existing watercloset and lavatory with all plumbing fixtures.

09.4 Install new plumbing equipment watercloset (2 EA) and lavatory (2 EA). Include faucet and fixtures for proper function.

4. Photos



Basketball Court East View



Basketball Court West View



Basketball Court North View



Basketball Court South View



Basketball Court Interior View



Concrete Slab Breakout



Steel Column and Base Corrosion



Existing Lighting



Electrical Devices Condition



Basketball Court Surface Condition



Exiting Water Fountain



Surface Condition



Basketball Surface Condition



Sidewalk Conditions



Basketball Backboard



Electrical Pedestal



Electrical System Testing



Electrical Pedestal



Electrical Meter Bank



Electrical System.

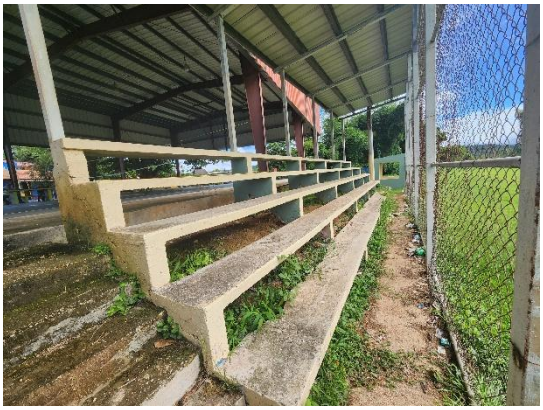




Electrical System Panelboards



Concrete Benches



Concrete Benches





Concrete Benches Condition (Concrete breakout)



Bench Canopy Anchor



Concrete Benches Condition (Concrete breakout)



Dugout Structure (Left Field)



Dugout Structure (Right Field)



Dugout Structure (Right Field)



Dugout Structure (Right Field)



Steel Poles



Steel Pole Junction Box and Wires



Luminaries



Steel Pole





Steel Pole (Inclined, with deflection)



Steel Pole



Concrete Poles View





Chain Link Fences Condition




Bathroom Structure




Chain Link Fences Condition