



COST PROPOSAL

Date: **November 28, 2022**

Mark Loiselle - PMP

Project Control Manager

Re: **Pan Am Library HVAC**

Owner:

City of San Antonio

Owner's Representative:

Mark Loiselle

Contractor:

Amstar, Inc.

Project Manager:

Seth Ortiz

RFP No.:

01-210928

This Proposal is offered as set forth in the terms and conditions of the contract and the statement of work as amended by a more detailed statement of work attached.

Base Bid: \$426,730.66

Electrical:

- Demo existing electrical gutter, power circuits feeding existing electrical panels L1, 2 & 3.
- Install new main electrical panel utilizing existing power feeders from exterior disconnect.
- Reconnect existing electrical panels to new electrical panelboard utilizing existing conduit and wiring.
- Provide and install electrical panel LM and install new conduit and wiring from new main electrical panel board.
- Install 100-Amp disconnect at AHU-1 and install 1 ½" conduit from disconnect and connect with 3# 1 and #6 ground wiring. Conduit will need to be extending from exiting gutter to new electrical panel
- Install 100-Amp disconnect at AHU-2 and install 1 ½" from disconnect and connect with 2# 1 and #8 ground wiring. Conduit will need to be extending from existing gutter to new electrical panel.
- Install 100-Amp disconnect at CU-1 and install 1 ½" conduit from LM to disconnect and connect with 3# 2 and #8 ground wiring. Conduit will need to be extending from exiting gutter to new electrical panel.
- Install 60-Amp disconnect at AHU-3 and install 1" conduit from DPA to disconnect and connect with 3# 6 and #10 ground wiring.
- Install 60-Amp disconnect at HP-2 and install 1" conduit from LM to disconnect and connect with 3# 8 and #8 ground wiring.
- Install 30-Amp disconnects at both OU-2 and 3. Install ¾" conduit from panel LM with #10 wiring for both feeders and grounding.
- Install disconnecting means at IU-2a, 2b, 3a, and 3b. Install conduit and wiring from exterior units OU-2 and 3 to these units.
- Provide and install GFCI power outlet in mechanical room.

HVAC:

Demo equipment and line sets and ducts per plans

- Furnish and install RTU 1
- Furnish and install new ducts for RTU 1
- Furnish and install CU1/CU2/CU3 along with AHU's
- Furnish and install CU1 and AHU1
- Furnish and install new duct for AHU 1
- Patch duct in office area
- Furnish and install exhaust vent pipe

Controls:

1. **AIR HANDLER AHU-1 (1 UNIT)**

- Provide rough-in and wire for the space thermostat and CO2 sensor (thermostat and sensor are provided by others)
- Provide an outside air damper with an actuator, wire actuator to open when supply fan of unit is energized
- Replace existing thermostat wire with new
- See additional pricing if YATES Company provides the Wi-Fi space thermostat and CO2 sensor

2. **AIR HANDLER AHU-3 (PACKAGE UNIT) (1 UNIT)**

- Provide rough-in and wire for the space thermostat and CO2 sensor (thermostat and sensor are provided by others)
- Replace existing thermostat wire with new
- See additional pricing if YATES Company provides the Wi-Fi space thermostat and CO2 sensor

Metals:

- Furnish and install cage for Mini Split to lock down to pad.

Finishes:

- Remove and reinstall ceilings and grid.
- Demo Drywall in areas called out.

Electrical:

- Provide and install power to split unit OU # 2 and 3 include power to interior unit from exterior unit.

HVAC:

- Move CU2/ CU3
 - Provide rough-in and wiring of a wall mounted thermostat

HVAC:

- Demo system per plans
- Furnish and install new AHU and condenser
- Furnish and install new sheet metal duct as needed

- Furnish and install new line sets as needed
- Start up all systems

Electrical:

- Provide and install power to AHU # 2 and CU # 2.

Controls:

- Provide rough-in and wire for the space thermostat and CO2 sensor (thermostat and sensor are provided by others)
- Provide an outside air damper with an actuator, wire actuator to open when supply fan of unit is energized
- Replace existing thermostat wire with new
- See additional pricing if YATES Company provides the space Wi-Fi thermostat and CO2 sensor

Assumptions & Clarifications:

1. Daily Clean up of site is included.
2. No work not specified in the above scope of work.
3. We exclude all unforeseen conditions.
4. Electrical not specified in this proposal.
5. Wires in trough not included to replaced
6. PVC Conduit to be reused. Replacement not in this proposal.
7. Relocation of existing lighting panel is not included.

Base Bid:	\$ 426,730.66
<u>Bonds:</u>	<u>\$ 8,708.79</u>
Total Cost:	\$ 435,439.45

Respectfully,

Seth Ortiz

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Estimator/Project Manager