



COST PROPOSAL

Date: February 2, 2023

Mark Loiselle - PMP
Project Control Manager
San Antonio Public Library
Re: Johnston Branch Library HVAC

Owner:	City of San Antonio
Owner's Representative:	Mark Loiselle
Contractor:	Amstar, Inc.
Project Manager:	Seth Ortiz
RFP No.:	01-220817

This Proposal is offered as set forth in the terms and conditions of the contract and the statement of work:

HVAC:

- Furnish and install AHU/CU-1 and IDU/ODU-1
- Furnish and Install AHU-3A, 3B, 4 / CU-3
- 6th – 10th year Compressor Parts Only Warranty on CU-1
- \$5,000.00 Not to Exceed allowed for ERU repairs to existing.

Electrical:

- Demo disconnects and circuits at CU-3 and 4.
- Demo disconnects and circuits at AHU-3 and 4.
- Install the following breakers in electrical panel B; 1ea, 70-amp, 3-pole breaker, 30-amp, 3-pole breaker, 20-amp, 3-pole breaker, 4ea, 15-amp, 2pole breakers, 1-each, 20-amp, single pole breaker.
- Install 100-amp fuses in existing 100-amp disconnect; connect power to CU-1 from this disconnect.
- Install 110-amp fuses in existing 200-amp disconnect; connect power to AHU-1 from this disconnect.
- Provide and install 70-amp disconnect for HP#3 and 3-each, 30-amp disconnects for 3-A & B, AHU-4.
- Install conduit and wire from electrical panel B for HP#3
- Install conduit and wire from electrical panel B for two of the new 30-amp disconnects.
- Install conduit from electrical panel B to HP#3
- Install power to ODU/IDU 1 to include power disconnects, conduit and wiring.
- Install power to ERD-1 to include power disconnect, conduit and wiring.
- Install power outlet at ERD-1 as required by code.
- Install conduit and whips to all mechanical units as required.

Controls:

AIR HANDLERS AHU-1 (1 UNIT) – Control operation of the following:

- **OUTPUTS** – Supply fan start-stop, each stage of cooling start-stop, electric heat start-stop, outside air damper open/close
 - **INPUTS** – Space temperature with a slide adjustment and override, and a RH% and CO2 sensor, filter status, condensate switch, supply fan status
 - Outside air damper with an actuator will be supplied here within
- 2. AIR HANDLER AHU-3A, AHU-3B, AHU-4) (3 UNITS)**– Control operation of the following:
- **OUTPUTS** – Supply fan start-stop and VFD speed, cooling start-stop, electric heat start-stop, outside air damper open/close, supply air damper open/close
 - **INPUTS** – Space temperature with a slide adjustment and override, and a RH% and CO2 sensor, filter status, condensate switch, supply fan status
 - Outside air and supply air damper with an actuator will be supplied here within

VAV SUPPLY DIFFUSER (S-1)

- Unit provided with a wall thermostat (by others)
- Rough-in and supply wire for wall thermostat, terminate connections
- All components to operate unit are supplied with the unit

Finishes:

- Remove and store 2000 Sq Ft of Ceiling Grid
- Reinstall 2000 Sq Ft of Ceiling tiles and grid.

Assumptions & Clarifications:

1. Work during normal business hours.
2. We exclude all unforeseen conditions.
3. Painting of facility
4. Replacement of Gas Lines.
5. IT for controls
6. Trenching if longer than 10 Ft
7. Replacment of ERU Unit

Construction Cost:	\$ 413,127.15
Bonds:	\$ 8,431.17
Total Construction Cost:	\$ 421,558.32

Respectfully,

Seth Ortiz

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Estimator/Project Manager