
PROPOSAL FOR PROFESSIONAL SERVICES

Task Order 17-01.1 (added A/C system)
Architectural & Engineering Design Services
Add New Air Conditioning System and Electric Service
Gymnasium at Glynn Archer School
United Street
Key West, Florida

Prepared for
City of Key West Engineering Services Department

April 18, 2017

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BACKGROUND AND OBJECTIVES

The original approved task order 17.01 was for replacing the windows and doors in the old gymnasium building and replacing the roofing on the old gymnasium and the rear old art buildings on the property that is now the Key West City Hall on the corner of White and United Streets.

The original task order included the following components:

- Measure existing buildings and draw existing conditions.
- Develop the design of the new improvements (repairs).
- Submit to and obtain HARC approval.
- Final construction documents and specifications.
- Bid phase services.
- Construction phase services.

This additional task order 17.01.1 adds additional work to the original task order. The new work includes adding a new air conditioning system to the main room of the Gym and upgrades the electrical service for the additional electric load required for the new air conditioning system.

SCOPE OF WORK AND COMPENSATION REVISIONS

The original total lump sum fee compensation for this scope of work was **\$39,475.00**
The new work adds **\$9,825.00** and the new total lump sum will be **\$49,300.00**.

Task 1 – Site evaluation and existing conditions:

Original Task 1 fee= \$6,720.00
New total for Task 1= \$8,595.00

Additional scope and compensation: Engineer site visit to review and document existing conditions.

Architect:

Architect Coordination: 2 hours x \$150/hr = \$300.00

MEP Engineer:

Mechanical Engineer: 4 hour x \$150/hr= \$600.00

Drafting: 5 hours x \$95/hr = \$475.00

Site visit expenses \$500.00

Additional amount: \$1,875.00

Task 2 – Design Development and HARC Submittal

Original Task 2 fee= \$6,965.00
New total for Task 2= \$9,240.00

Additional scope and compensation: Engineer air conditioning system and electric service (35%) and exterior condenser locations for HARC submittal.

Architect:

Architect Coordination: 2 hours x \$150/hr = \$300.00

MEP Engineer:

Mechanical Engineer: 6 hour x \$150/hr= \$900.00

Electrical Engineer: 4 hour x \$150/hr= \$600.00

Drafting: 5 hours x \$95/hr = \$475.00

Additional amount: **\$2,275.00**

Task 3 – Final Construction Documents

Original Task 3 fee= \$13,510.00

New total for Task 3= \$16,710.00

Additional scope and compensation: Construction documents and specifications.

Architect:

Architect Coordination: 2 hours x \$150/hr = \$300.00

MEP Engineer:

Mechanical Engineer: 9 hour x \$150/hr= \$1,350.00

Electrical Engineer: 4 hour x \$150/hr= \$600.00

Drafting: 10 hours x \$95/hr = \$950.00

Additional amount: **\$3,200.00**

Task 4 – Bid Phase Services

Original Task 4 fee= \$2,025.00

New total for Task 4= \$2,815.00

Additional scope and compensation:

MEP Engineer:

Mechanical Engineer: 4 hour x \$150/hr= \$600.00

Drafting: 2 hours x \$95/hr = \$190.00

Additional amount: **\$790.00**

Task 5 – Construction Phase Services

Original Task 5 fee= \$10,225.00

New total for Task 5= \$11,910.00

Additional scope and compensation:

Architect:

Architect Coordination: 2 hours x \$150/hr = \$300.00
 MEP Engineer:
 Mechanical Engineer: 4 hour x \$150/hr= \$600.00
 Drafting: 3 hours x \$95/hr = \$285.00
 Site visit expenses \$500.00
 Additional amount: **\$1,685.00**

ASSUMPTIONS:

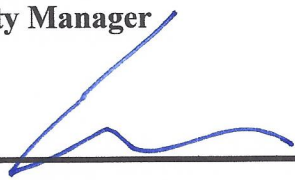
1. The existing walls might need exterior paint for a vapor barrier and the interior of the exterior walls might need insulation in order to meet the energy code. This work is not in the scope of work at this time.
2. We are only air conditioning the main space of the gym, not the lower level old shower/restroom spaces or the side storage addition.
3. Electrical work only includes upgrading the main service for the new load of the air conditioning system. Other new electrical work is not included in the scope of work.
4. Third Party Green Certification is not included in the scope of work.

Hourly Rates as per Annual Contract:

Principal Architect: \$225.00/HR
 Architect: \$150.00/HR
 Intern Architect: \$125.00/HR
 Drafting: \$95.00/HR
 Structural Engineer: \$160.00/HR
 MEP Engineer: \$150.00/HR

Jim Scholl
 City Manager

Date



4/13/17

William P Horn, RA
 Principal

Date