

C5-19-103

CHANGE ORDER APPROVAL FORM

PROJECT: Fire Station 71 Design/Build Project

CHANGE ORDER NUMBER: 1

DATE: 11/11/19

CONTRACT NUMBER: CM2729

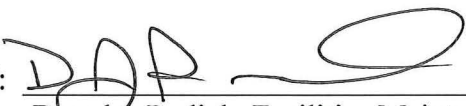
TO CONTRACTOR: Core Construction Company, Inc.

Reason for Change Order: Increase contract for requested redesign of HVAC system and extension of twenty-eight (28) calendar days for this change order.


Detail:


Facilities Maintenance requested the redesign of the HVAC system to Daikin VRV system which will result in a cost increase of \$6,189.00 and extension of twenty-eight (28) calendar days for this change order. Revised date of Substantial Completion January 28, 2021 with Final Completion April 28, 2021.


Original Contract Sum.....	\$	<u>3,010,000.00</u>
Net Change by Previous Change Order/Supplemental Agreement.	\$	<u>0.00</u>
Contract Sum Prior to This Change Order.....	\$	<u>0.00</u>
Amount of This Change Order (Add).....	\$	<u>6,189.00</u>
New Contract Sum Including this Change Order.....	\$	<u>3,016,189.00</u>

APPROVED BY:  DATE: 11-21-19
Douglas Podiak, Facilities Maintenance

APPROVED BY:  DATE: 11/21/19
Grayson Hagins, Contract Purchasing Manager

APPROVED BY:  DATE: 11/22/19
Megan Diehl, Office of Management and Budget

APPROVED BY:  DATE: 11/26/19
Michael Mullin, County Manager/County Attorney

APPROVED BY:  DATE: _____
Justin M. Taylor, Chairman

ATTEST:

N/A

John A. Crawford, Clerk of Courts

DATE: _____

Account No. 68223522-562300-ST71



November 11, 2019

Mr. Doug Podiak
Director of Public Works
Nassau County

RE: FS 71-PCO# 1-VRV Design

Dear Doug,

Per your request at our last meeting on 11/6/19 for us to redesign the HVAC system to Daikin VRV system, please review the following cost breakout:

- 1. MEP engineer and Architect's fee to revise the current HVAC system to VRV system-----\$ 5,225.00
- 2. D/B Company overhead & profit-----\$ 784 .00
- 3. Bond fee-----\$ 180..00

Total Proposed Change Order #1-----\$ 6,189.00

This change order work will require (28) calendar days extension of the contract time if accepted by no later than within (7) days of this notice.

Please let me know if you have any questions.

Sincerely,

Jay Chung

Jay Chung
Core Construction Company, Inc

Jay Chung

From: Tat Chan <tat.chan@viaconcepts.com>
Sent: Tuesday, November 12, 2019 9:20 AM
To: Jay Chung
Subject: MEP VRF Additional Services Proposal
Attachments: RE: Nassau County MEP (3.09 MB); ATT00001.htm

Jay,

Attached is Eng Engineering's additional design services for the VRF system. Please add another 10% for coordination/possible architectural adjustments:

MEP design \$4,750
Architectural \$ 475

Total Add Serv. \$5,225

Also, please notice that Eng Engineering requested a retainer on the additional services.

Tat

Tat Chan | AIA | NCARB



VIA Concepts LLC

1807 3rd Street North
Jacksonville Beach, FL 32250
P 904.249.9900
F 904.249.9903
tat.chan@viaconcepts.com

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From: Edward Eng <ejeng@engengineering.com>
Sent: Monday, November 11, 2019 3:11 PM
To: Tat Chan <tat.chan@viaconcepts.com>
Subject: Fwd: Fire Station

Edward

Begin forwarded message:



Eng Engineering Inc.

MECHANICAL ELECTRICAL FIRE PROTECTION INFRARED FORENSIC

November 7, 2019

Tat Chan, AIA
VIA Concepts, LLC
1807 3rd Street North
Jacksonville Beach, Florida 32250

Project: Nassau County Fire Station No.71
Chester Road
Nassau County, Florida

Dear Tat:

Thank you for the opportunity to provide a proposal for the above referenced project. Based on your email and previous conversations we developed the following scope of work and fee. Please let us know if anything needs to be revised or added.

GENERAL

1. Mechanical, Electrical, Plumbing, and Fire Protection permit drawings for an approximate 9,000 SF Nassau County fire station.
2. Reuse provided MEP,FP design drawings. This project will be design-build.
3. Base drawings will be provided in AutoCAD.
4. Designs will be in accordance to the Florida Building Code, NEC, and NFPA.
5. Design specifications will be located on the permit drawings.

MECHANICAL DESIGN

1. Provide mechanical permit drawings and calculations.
2. Reuse provided HVAC design drawings to create usable permit drawings. Design is to remain as-is. If changes to provided design drawings are required an additional design fee may be required. It is our understanding the maintenance department has requested variable flow refrigerant HVAC systems. This will required an additional design fee of \$4,750 (Add #1).
3. Run heat load calculations to confirm provided designs and layouts.
4. Florida energy code calculations.

8130 Bayberry Road
Jacksonville, Florida
32256-7414 USA

Tel: 904.721.2323

Fax: 904.721.2329

www.engengineering.com

ELECTRICAL DESIGN

1. Provide electrical permit drawings and calculations.
2. Reuse provided electrical design drawings to create usable permit drawings. Designs are to remain as-is on provided design drawings. If changes to provided design drawings are required an additional design fee may be required.
3. Coordinate new incoming power with local utility company.
4. Generator design is included.
5. Telecom layout will be limited to conduit ran above ceiling for future 3rd party telecom company.
6. Circuit power and lighting design. Circuiting will be shown on panel schedules on the permit drawings.
7. Run electrical load calculations.

PLUMBING DESIGN

1. Provide plumbing permit drawings.
2. Reuse provided plumbing design drawings to create usable permit drawings. Designs are to remain as-is on provided design drawings. If changes to provided design drawings are required an additional design fee may be required.
3. Oil/water interceptor design is included.
4. Provide Sanitary riser diagram.
5. Demarcation point of plumbing design is 5 ft. outside of the building.

FIRE PROTECTION DESIGN

1. Fire protection permit drawings.
2. Reuse provided fire protection design drawings to create usable permit drawings. Designs are to remain as-is on provided design drawings. If changes to provided design drawings are required an additional design fee may be required.
3. Hydraulic calculations are not included.

Deliverables

1. PDF submittals and signed and sealed permit drawings and calculations.

Exclusions

1. Items, task, and meetings not mentioned above.
2. Structural engineering.
3. Specialty technology and security design.

Fee for above services: **\$27,000** MEP,FP Design / **\$4,750** Add #1

General Notes

1. Additional services or tasks not mentioned above will be billed per the 2019 Eng Engineering Rate Sheet.

A retainer of **\$3,000** is required for mobilization. We will invoice at each submission (e.g. 90%, 100%). If the project is put on hold or cancelled we will invoice for percentage

of work completed. The payment is considered delinquent after 30 days from date of invoice. A 2% finance fee will be added on any outstanding invoiced amount and will accrue for each 30-day period beyond the date of the invoice. After 60 days from the date of invoice the finance fee will increase to 10% on any outstanding invoiced amount.

This agreement is enforceable in any court of competent jurisdiction in Duval County, Florida. In the unlikely event litigation ensues, the prevailing party will be entitled to reasonable attorney's fees, plus all costs of collection, including appellant fees, if any. If we are discharged prior to the conclusion of the project, we will be compensated for our reasonable expenses and disbursements and for the fair value of our services rendered up to the time of discharge.

We will begin work following the receipt of this signed agreement or purchase order and retainer. Thank you for contacting Eng Engineering. Please do not hesitate to call with any questions.

Respectfully,



Eric Eng
Vice President

Authorized Signature

Date

Grayson Hagins

From: Douglas Podiak
Sent: Tuesday, November 12, 2019 2:04 PM
To: Grayson Hagins; Brady Rigdon
Subject: FW: Nassau FS 71 D/B Project-PCO #1
Attachments: PCO #1-VRV Design.pdf

Grayson, in the last meeting with Core we determined the HVAC system that was originally specified for the building was problematic and that a VRV system would avoid further building air quality issues that always seem to arise after completion. Attached is a change order that Core submitted for approval. I feel this is necessary to ensure we have a model structure for future stations.

What is the process needed to move forward with this request.

Thanks Doug

Nassau County
Doug Podiak
Director of Public Works
Office: 904-530-6120
dpodiak@nassaucountyfl.com

From: Jay Chung <jaychung@core-constructionco.com>
Sent: Tuesday, November 12, 2019 1:31 PM
To: Douglas Podiak <dpodiak@nassaucountyfl.com>
Cc: tammy@core-constructionco.com; Bill Howard <bhoward@nassaucountyfl.com>
Subject: Nassau FS 71 D/B Project-PCO #1

CONTAINS EXTERNAL SENDER CONTENT: Do not open attachments unless you are expecting them and trust the sender.

- Technical Services

Good afternoon Doug,

Per your request at our meeting last Wednesday, please review the attached PCO #1. Please review for acceptance.

Thank you,

Jay Chung, AIA
President, Core Construction Company of Jacksonville, Inc.
8375 Baymeadows Way
Jacksonville, FL 32256
P 904-399-1033
F 904-399-1074

