

CHANGE ORDER APPROVAL FORM

PROJECT: Fire Station 71 Design/Build Project

CHANGE ORDER NUMBER: 3

DATE: 7/8/2020

CONTRACT NUMBER: CM2729

TO CONTRACTOR: Core Construction Company, Inc.

Reason for Change Order: PCO#4 Revise the whole HVAC System to Daikin VRF System and install DDC Controls with associated installation, as listed in the attached cost breakdown.

| | | |
|---|----|---------------------|
| Original Contract Sum..... | \$ | <u>3,010,000.00</u> |
| Net Change by Previous Change Order/Supplemental Agreement. | \$ | <u>(25,415.00)</u> |
| Contract Sum Prior to This Change Order..... | \$ | <u>2,984,585.00</u> |

| | | |
|--|----|-------------------|
| Amount of This Change Order (Add)..... | \$ | <u>219,132.00</u> |
|--|----|-------------------|

| | | |
|---|----|---------------------|
| New Contract Sum Including this Change Order..... | \$ | <u>3,203,717.00</u> |
|---|----|---------------------|

APPROVED BY: 
Douglas Podiak, Public Works Director

DATE: 2-8-20

APPROVED BY: 
Contract Purchasing Manager

DATE: 7/8/20

APPROVED BY: 
Megan Diehl, Office of Management and Budget

DATE: 7/8/20

APPROVED BY: 
Michael Mullin, County Manager/County Attorney

DATE: 7/8/20

APPROVED BY: _____
Daniel B. Leeper, Chairman

DATE: _____

ATTEST: _____
John A. Crawford, Clerk of Courts

DATE: _____

Account No. 68223522-562300-ST71



April 2, 2020

Mr. Doug Podiak
Director of Public Works
Nassau County

RE: FS 71-PCO# 4-HVAC Modifications and Upgrades

Dear Doug,

Per your request for us to revise the whole HVAC system to Daikin VRF system and to install DDC control with associated installations, please review the following cost breakout

1. Material and labor to install new DDC control system, 100% outside air unit, and the Daikin VRF system per the revised HVAC plans (Backup Attached)-----\$419,000.00
2. Deduct for what was estimated for the original criteria plans and specifications (Backup Attached)-----
-----(\$234,000.00)
- Subtotal-----\$185,000.00
3. D/B Company overhead & profit-----\$ 27,750.00
4. Bond fee-----\$ 6,382..00

Total Proposed Change Order #4-----\$ 219,132.00

This change order work will require (70) 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

PROGRESSIVE AIR & MECHANICAL, INC.

CMC 1250234

6950 PHILIPS HIGHWAY, SUITE 35

JACKSONVILLE, FL 32216

PHONE 904-346-1775 FAX 904-346-4788

PROPOSAL

DATE: AUGUST 5, 2019

| | |
|--|--|
| TO: ALL INTERESTED BIDDERS | QUOTE #: 19-08-001 |
| NAME OF PROJECT: NCFR - STATION #71, CHESTER ROAD NASSAU COUNTY FLORIDA | DATE OF PLANS: 12-12- 2017 ENGINEER: MCVEIGH & MANGUM |

WE RESPECTFULLY PROPOSE THE FOLLOWING SCOPE OF HVAC WORK PER PROJECT PLANS & SPECIFICATIONS

1. PROVIDE & INSTALL 5 SPLIT SYSTEM HEAT PUMPS W/ALL SPECIFIED ACCESSORIES, PIPING & CONTROLS
2. PROVIDE & INSTALL 1 DUCTLESS MINI SPLIT AC/HEAT SYSTEM W/ALL SPECIFIED ACCESSORIES, PIPING & CONTROLS
3. PROVIDE & INSTALL 3 VAV ZONE & BYPASS DAMPERS W/ALL SPECIFIED ACCESSORIES & CONTROLS
4. PROVIDE & INSTALL 8 GENERAL DUTY EXHAUST/SUPPLY FANS W/ALL SPECIFIED ACCESSORIES
5. PROVIDE & INSTALL 4 GAS FIRED UNIT HEATERS W/ALL SPECIFIED ACCESSORIES & CONTROLS
6. PROVIDE & INSTALL 1 COMPLETE KITCHEN RANGE HOOD SYSTEM W/ALL SPECIFIED ACCESSORIES, EXHAUST FAN, MAKE UP AIR UNIT, CONTROLS & FIRE SUPPRESSION SYSTEM
7. PROVIDE & INSTALL 1 COMPLETE APPARATUS BAY VEHICLE EXHAUST EXTRACTION SYSTEM W/ALL REQUIRED ACCESSORIES, FAN, DUCTWORK & CONTROLS
8. PROVIDE & INSTALL ASSOCIATED SHEET METAL AIR DISTRIBUTION SYSTEMS WITH SPECIFIED INSULATION, FLEX DUCT, DAMPERS, ACCESS DOORS, GRILLS, REGISTERS, DIFFUSERS, GRAVITY VENTS, WALL CAPS & LOUVERS AS SHOWN ON DRAWINGS
9. PROVIDE PROTECTION OF DUCT & EQUIPMENT OPENINGS DURING CONSTRUCTION
10. PROVIDE CERTIFIED TEST AND BALANCE SERVICES UPON COMPLETION.

BID PRICE \$234,000.00

EXCLUSIONS:

(UNLESS OTHERWISE NOTED ABOVE)

1. PREMIUM TIME/OVERTIME DUE TO "ACCELERATED SCHEDULE"
2. CONCRETE CUTTING / BORING
3. DUCT CLEANING
4. HOUSEKEEPING PADS - CONCRETE PADS
5. GAS PIPING OF ANY KIND
6. STRUCTURAL WORK
7. DRYWALL ACCESS PANELS
8. ADDITIONAL COSTS DUE TO DELAYS OR DAMAGE BY OTHERS
9. CONCRETE PADS
10. DUMPSTERS
11. ALL PAINTING (DUCT WORK, GRILLS, LOUVERS, A/D, EQUIPMENT, ETC.)
12. FINISH ROOFING WORK
13. CUTTING & PATCHING
14. ELECTRICAL
15. DOMESTIC PLUMBING
16. FIRE PROTECTION - FIRE ALARM SYSTEM AND ALL ASSOCIATED ACCESSORIES
17. ANY OTHER ITEMS OR SERVICES NOT LISTED IN THE ABOVE SCOPE OF PROPOSED WORK.

***NOTE: IF THIS OFFERING IS ACCEPTED THIS PROPOSAL SHALL BECOME PART OF THE SUBCONTRACT DOCUMENTS. ANY ALTERATION OR DEVIATION FROM THE ABOVE SCOPE OF PROPOSED WORK RESULTING IN ADDITIONAL COSTS WILL BE EXECUTED ONLY UPON WRITTEN ORDERS AGREED TO BY ALL PARTIES AND SHALL BECOME AN EXTRA CHARGE OVER THIS PROPOSAL.

****THIS PROPOSAL VALID FOR 30 DAYS

Sincerely,
John M. Falana, Jr.
President/Chief Estimator, Progressive Air & Mechanical INC

PROGRESSIVE AIR & MECHANICAL, INC.

CMC 1250234

6950 PHILIPS HIGHWAY, SUITE 35

JACKSONVILLE, FL 32216

PHONE 904-346-1775 FAX 904-346-4788

REVISED PROPOSAL

DATE: AUGUST 5, 2019 / REV MARCH 31, 2020

TO: CORE CONSTRUCTION

QUOTE #: 19-08-001

NAME OF PROJECT: NCFR - STATION #71,
CHESTER ROAD NASSAU COUNTY FLORIDA

DATE OF PLANS: 12-12- 2017
ENGINEER: ENG ENGINEERING
BELOW PROPSAL IS BASED ON ALL PLAN BASIS OF DESIGN
EQUIPMENT (NO SUBSTITUTIONS)

WE RESPECTFULLY PROPOSE THE FOLLOWING SCOPE OF HVAC WORK PER PROJECT PLANS & SPECIFICATIONS

1. PROVIDE & INSTALL 1 COMPLETE VRF SPLIT SYSTEM CONSISTING OF 1 OUTDOOR UNIT & 22 INDOOR UNITS W/ALL SPECIFIED ACCESSORIES, PIPING & CONTROLS
2. PROVIDE & INSTALL 10 GENERAL DUTY EXHAUST/SUPPLY FANS W/ALL SPECIFIED ACCESSORIES
3. PROVIDE & INSTALL 4 GAS FIRED UNIT HEATERS W/ALL SPECIFIED ACCESSORIES & CONTROLS
4. PROVIDE & INSTALL 1 COMPLETE KITCHEN RANGE HOOD SYSTEM W/ALL SPECIFIED ACCESSORIES, EXHAUST FAN, MAKE UP AIR UNIT, CONTROLS & FIRE SUPPRESSION SYSTEM
5. PROVIDE & INSTALL 1 COMPLETE APPARATUS BAY VEHICLE EXHAUST EXTRACTION SYSTEM W/ALL REQUIRED ACCESSORIES, FAN, DUCTWORK & CONTROLS
6. PROVIDE & INSTALL 1 HVAC DDC CONTROL SYSTEM W/ALL SPECIFIED CONTROLLERS, WIRINNG, RELAYS, HARDWARE, GRAPHICS & PC WORKSTATION FOR OWNER/END USER INTERFACE
7. PROVIDE & INSTALL ASSOCIATED SHEET METAL AIR DISTRIBUTION SYSTEMS WITH SPECIFIED INSULATION, FLEX DUCT, DAMPERS, ACCESS DOORS, GRILLS, REGISTERS, DIFFUSERS, GRAVITY VENTS, WALL CAPS & LOUVERS AS SHOWN ON DRAWINGS
9. PROVIDE PROTECTION OF DUCT & EQUIPMENT OPENINGS DURING CONSTRUCTION
10. PROVIDE CERTIFIED TEST AND BALANCE SERVICES UPON COMPLETION.

BID PRICE \$419,000.00

EXCLUSIONS:

(UNLESS OTHERWISE NOTED ABOVE)

1. PREMIUM TIME/OVERTIME DUE TO "ACCELERATED SCHEDULE"
2. CONCRETE CUTTING / BORING
3. DUCT CLEANING
4. HOUSEKEEPING PADS - CONCRETE PADS
5. GAS PIPING OF ANY KIND
6. STRUCTURAL WORK
7. DRYWALL ACCESS PANELS
8. ADDITIONAL COSTS DUE TO DELAYS OR DAMAGE BY OTHERS
9. CONCRETE PADS
10. DUMPSTERS
11. ALL PAINTING (DUCT WORK, GRILLS, LOUVERS, A/D, EQUIPMENT, ETC.)
12. FINISH ROOFING WORK
13. CUTTING & PATCHING
14. ELECTRICAL
15. DOMESTIC PLUMBING
16. FIRE PROTECTION - FIRE ALARM SYSTEM AND ALL ASSOCIATED ACCESSORIES
17. ANY OTHER ITEMS OR SERVICES NOT LISTED IN THE ABOVE SCOPE OF PROPOSED WORK.

***NOTE: IF THIS OFFERING IS ACCEPTED THIS PROPOSAL SHALL BECOME PART OF THE SUBCONTRACT DOCUMENTS. ANY ALTERATION OR DEVIATION FROM THE ABOVE SCOPE OF PROPOSED WORK RESULTING IN ADDITIONAL COSTS WILL BE EXECUTED ONLY UPON WRITTEN ORDERS AGREED TO BY ALL PARTIES AND SHALL BECOME AN EXTRA CHARGE OVER THIS PROPOSAL.

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Sincerely,
John M. Falana, Jr.
President/Chief Estimator, Progressive Air & Mechanical INC

PROGRESSIVE AIR & MECHANICAL, INC.

CMC 1250234

6950 PHILIPS HIGHWAY, SUITE 35

JACKSONVILLE, FL 32216

PHONE 904-346-1775 FAX 904-346-4788

3-12-20 PROPOSAL PRICE BREAK DOWN

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|-------------------|-------------|-----------------------|-------------|--------------------|-------------|-------------------------------|-------------|---|-------------|---------------------|------------|------------------|-------------|-----------------------------------|-------------|---|-------------|----------------------|-------------|----------------|------------|------------------|------------|-------------|-------------|----------------------------|------------|------------------------------|----------|----------------|------------|----------------|-----------------|--------------|---------------------|
| TO: CORE CONSTRUCTION | REFERENCE: QUOTE #: 19-08-001 REV 3-12-20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NAME OF PROJECT: NCFR - STATION #71, CHESTER ROAD NASSAU COUNTY FLORIDA | DATE OF PLANS: 12-12-2017 /2-21-2020 ENGINEER: ENG ENGINEERING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table><tr><td>DAIKEN VRF SYSTEM</td><td>\$77,540.00</td></tr><tr><td>100% OUTSIDE AIR UNIT</td><td>\$44,415.00</td></tr><tr><td>DDC CONTROL SYSTEM</td><td>\$45,665.00</td></tr><tr><td>COMPLETE KITCHEN HOOD PACKAGE</td><td>\$23,393.00</td></tr><tr><td>AIR DISTRIBUTION DEVICES & DUCT ACCESSORIES</td><td>\$12,064.00</td></tr><tr><td>EXHAUST/SUPPLY FANS</td><td>\$9,363.00</td></tr><tr><td>GAS UNIT HEATERS</td><td>\$12,300.00</td></tr><tr><td>VEHICLE EXHAUST EXTRACTION SYSTEM</td><td>\$85,000.00</td></tr><tr><td>REFRIGERANT PIPING & PIPING SPECIALTIES</td><td>\$13,630.00</td></tr><tr><td>SHEET METAL DUCTWORK</td><td>\$10,095.00</td></tr><tr><td>HVAC INULATION</td><td>\$7,408.00</td></tr><tr><td>RENTAL EQUIPMENT</td><td>\$3,200.00</td></tr><tr><td>FIELD LABOR</td><td>\$69,127.00</td></tr><tr><td>MISC INSTALLATION SUPPLIES</td><td>\$3,420.00</td></tr><tr><td>ADMINISTRATION & SUPERVISION</td><td>\$500.00</td></tr><tr><td>FUEL & MILEAGE</td><td>\$1,230.00</td></tr><tr><td><u>PERMITS</u></td><td><u>\$650.00</u></td></tr><tr><td>TOTAL</td><td>\$419,000.00</td></tr></table> | | DAIKEN VRF SYSTEM | \$77,540.00 | 100% OUTSIDE AIR UNIT | \$44,415.00 | DDC CONTROL SYSTEM | \$45,665.00 | COMPLETE KITCHEN HOOD PACKAGE | \$23,393.00 | AIR DISTRIBUTION DEVICES & DUCT ACCESSORIES | \$12,064.00 | EXHAUST/SUPPLY FANS | \$9,363.00 | GAS UNIT HEATERS | \$12,300.00 | VEHICLE EXHAUST EXTRACTION SYSTEM | \$85,000.00 | REFRIGERANT PIPING & PIPING SPECIALTIES | \$13,630.00 | SHEET METAL DUCTWORK | \$10,095.00 | HVAC INULATION | \$7,408.00 | RENTAL EQUIPMENT | \$3,200.00 | FIELD LABOR | \$69,127.00 | MISC INSTALLATION SUPPLIES | \$3,420.00 | ADMINISTRATION & SUPERVISION | \$500.00 | FUEL & MILEAGE | \$1,230.00 | <u>PERMITS</u> | <u>\$650.00</u> | TOTAL | \$419,000.00 |
| DAIKEN VRF SYSTEM | \$77,540.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100% OUTSIDE AIR UNIT | \$44,415.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DDC CONTROL SYSTEM | \$45,665.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COMPLETE KITCHEN HOOD PACKAGE | \$23,393.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AIR DISTRIBUTION DEVICES & DUCT ACCESSORIES | \$12,064.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EXHAUST/SUPPLY FANS | \$9,363.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAS UNIT HEATERS | \$12,300.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VEHICLE EXHAUST EXTRACTION SYSTEM | \$85,000.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| REFRIGERANT PIPING & PIPING SPECIALTIES | \$13,630.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SHEET METAL DUCTWORK | \$10,095.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HVAC INULATION | \$7,408.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RENTAL EQUIPMENT | \$3,200.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FIELD LABOR | \$69,127.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MISC INSTALLATION SUPPLIES | \$3,420.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ADMINISTRATION & SUPERVISION | \$500.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FUEL & MILEAGE | \$1,230.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>PERMITS</u> | <u>\$650.00</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | \$419,000.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

All prices above include taxes, overhead, profit & are based on basis of design manufactures per plans bid day quotes.

Sincerely,
John M. Falana, Jr.
President/Chief Estimator, Progressive Air & Mechanical INC