



City of Broken Bow

Project No. 2040



ADDENDUM NO. 1 TO THE CONTRACT DOCUMENTS

BROKEN BOW PUBLIC WORKS AUTHORITY, BROKEN BOW, OK

2040 – CITY HALL ROOF REPLACEMENT

This Addendum No. 1 issued by Crist Engineers, Inc./ Michael Allen Riley Architecture, PLLC is hereby made a part of the Contract Documents to the same extent as though it were originally included therein. Please read the following items and acknowledge receipt of this addendum on the proposal form when submitting bids.

1. Conditional Approved Equal

Engineer's/ Architect's acceptance of pre-approved or approved equal submissions will not relieve Contractor from his responsibility for any deviation from the requirements of the Contract Documents unless Contractor has in writing called Engineer's/ Architect's attention to such deviation at the time of submission and Engineer/ Architect has given written approval to the specific deviation, nor shall any acceptance by Engineer/ Architect relieve contractor from responsibility for errors or omissions in pre-approved or approved equal submissions.

- a. "Centurion" roofing panels, wall panels, soffit panels, and engineered framing system by A-Lert are identified as a conditionally approved substitution or equal for this project, with the conditions that they can be provided in industry standard bronze colors, have intermediate ribs to reduce oil canning effect, and can provide the same warranties. Panels must be of the same gauges (or thicker) as specified. All components must meet or exceed the requirements of the 2015 International Building Code.
- b. "Ultra-Seam US200" roofing panels, "Ultra Seam US175" wall panels, soffit panels, and engineered framing system by Metal Roof Contractors are identified as a conditionally approved substitution or equal for this project, with the conditions that they can be provided in industry standard bronze colors, have intermediate ribs to reduce oil canning effect, and can provide the same warranties. Panels must be of the same gauges (or thicker) as specified. All components must meet or exceed the requirements of the 2015 International Building Code.

- c. “Tee-Lock” roofing panels and “M” wall panels, by Berridge, are identified as a conditionally approved substitution or equal for this project, with the conditions that they can be provided in industry standard bronze colors, have intermediate ribs to reduce oil canning effect, and can provide the same warranties. Panels must be of the same gauges (or thicker) as specified. All components must meet or exceed the requirements of the 2015 International Building Code.

2. **Contract Documents**

3. **Plans**

- a. Revise Plan Sheet A201, E, Existing HVAC unit Model Info – Add Alternate

“...IN A CURRENT MODEL, ~~15 SEER EFFICIENCY UNIT~~ TIER 2 MINIMUM AIR CONDITIONER REQUIREMENTS, 16 SEER WHEN SIZE OF UNIT(S) IS LESS THAN 5.4 TONS, 12 IEER WHEN SIZE OF UNIT(S) IS GREATER THAN OR EQUAL TO 5.4 TONS BUT LESS THAN 11.25 TONS, 12.2 IEER WHEN SIZE OF UNIT(S) IS GREATER THAN OR EQUAL TO 11.25 TONS BUT LESS THAN 20 TONS TO QUALIFY AND/ OR WHERE APPLICABLE TIER 2 MINIMUM AIR SOURCE HEAT PUMP REQUIREMENTS, 16 SEER & 9 HSPF WHEN SIZE OF UNIT(S) IS LESS THAN 5.4 TONS, FOR AEP-PSO ENERGY SAVINGS FOR BUSINESSES REBATE(S) AVAILABLE THROUGH PARTICIPATING DISTRIBUTORS. ALL AEP-PSO REBATE(S) ARE TO BE REFLECTED IN THE CONTRACTORS BID PRICE. PLEASE NOTE THAT...”

The existing HVAC system includes three (3) packaged rooftop units, one (1) the rooftop mounted condenser and one (1) air handler inside the building, as a part of this project. The Owner would like to have all of the new units qualify for and be provided with “Business Rebates”, from Public Service Company of Oklahoma (PSO). All new units shall be rated and provided in accordance with AEP-PSO’s energy savings for businesses Tier 2 air conditioner requirements. Please note that the intention is for the rebates to result in the price for this work being less. The cost to replace the existing HVAC units with new shall still be listed as an Add Alternate on the bid form. If the Add Alternate is not accepted by the Owner, then the contractor will be responsible for locating the existing units to the new rooftop, and extending all connections, providing new curbs, etc. as needed for a complete installation.

Please see Addendum No. 1 - Attachment No. 1 (pages 1 through 6) for additional information related to the rooftop condenser and the associated air handler.

End of Addendum No. 1

All other provisions of the Plans and Contract Documents shall remain in full force and effect.

Questions/ Responses

1. Please confirm if both the attic draft stops AND the mineral wood insulation are required.

Since this building and it's roof are constructed of noncombustible materials, the fire blanket insulation that was noted to be laid on top of the existing rooftop can be omitted from the bids and construction. The attic draft stop walls must, however remain as a part of this project.

2. Please confirm whether an alternate bid for an alternate roofing panel is required.

No alternate roofing panel is required.

3. Is the contractor responsible for the engineering of the retrofit structure?

Yes, a set of engineered shop drawings is typical on these retro roofs, and is required on this job. All components are required to be designed to meet or exceed the requirements set forth in the 2015 International Building Code.

4. There are three roof panels specified.....

There are many possible panels options. The roofing must be a maximum of 24" wide, and a standing seam panel. There is no alternate for any other kinds of roofing panels.

5. May we use standing seam on the wall panels as well?

That is acceptable.

6. What is the thickness of the insulation for the new roof and sidewall?

It is a radiant barrier, and is approximately one quarter inch thick.

Please reference Article 7 of the Instructions to Bidders, the Engineer/ Architect may not respond to any questions, comments or inquiries provided by the Contractor between the date of the issuance of Addendum No. 1 and prior to the bid opening.

Issued by CRIST ENGINEERS, INC.



Brian N. Wintle, PE, PhD, BCEE

Issued by MICHAEL ALLEN RILEY
ARCHITECTURE, PLLC



Michael A. Riley, AIA

Please EMAIL this form to Crist Engineers, Inc. at:

abrown@crisengineers.com; bwintle@crisengineers.com

Please call Brian N. Wintle at 501-664-1552 if you have any questions.

The Bidder shall acknowledge receipt of Addendum No. 1 by return EMAIL.

Bidder shall acknowledge Addendum No. 1 on Section 004100 Bid Form (C-410) Addendum No. 1.

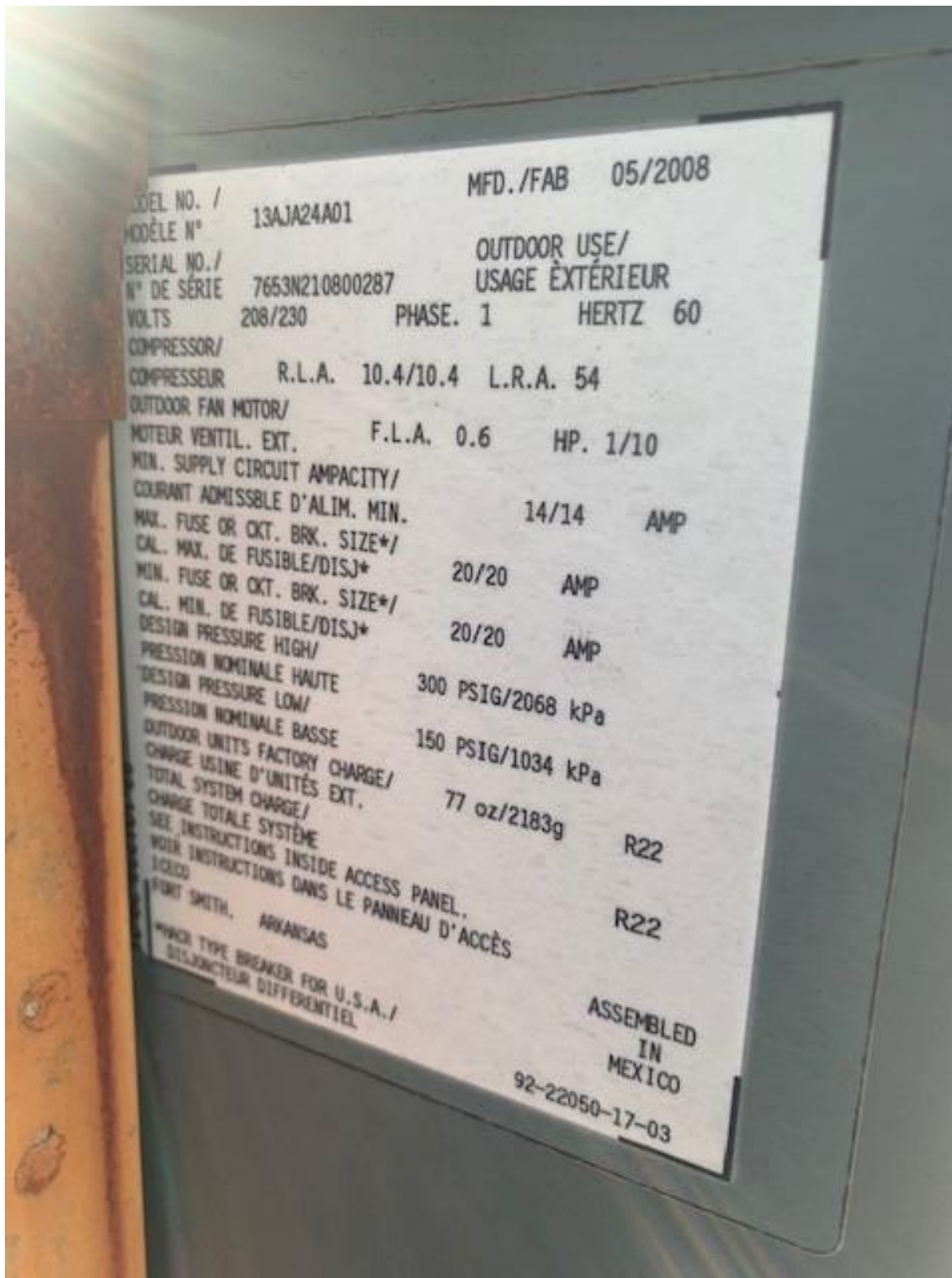
Acknowledged by: _____

Please Print

Please Sign

Organization of Company Name:

Addendum No. 1 – Attachment No. 1









Advanced Distributor Products®
Grenada, MS 38902

AIR HANDLER AIR HANDLER

MODEL NO.	FCME32524B102	☐ FIELD CONVERTED TO R410A
SERIAL NO.	7108G20967	
COOLING CAPACITY, BTUH	24,000	
DESIGN PRESSURE	450 PSI	
REFRIGERANT TYPE	R-22	MOTOR, FLA 1.9
VOLTAGE	240/208	MOTOR, RPM 1075
PHASE/HZ	60	CAPACITOR, MFD 7.5
MOTOR, HP	1/4	MAX STATIC @ .30 IN. H ₂ O
		MAX OUTLET TEMP. 200 F

SUPPLY WIRE MUST BE RATED AT 75 DEG. C MINIMUM COPPER CONDUCTORS ONLY.
SEE INSTALLATION INSTRUCTIONS FOR SPECIFIC INFORMATION BEFORE INSTALLING UNIT.
UNITS WITH ELECTRIC HEATERS: CLEARANCE TO COMBUSTIBLE MATERIAL TO BE 0 IN. TO
UNIT CASING AND 0 IN. TO PLENUM AND DUCT FOR FIRST 36 IN.
UNIT APPROVED FOR INSTALLATION IN MANUFACTURED HOUSING AND MOBILE HOMES.



HEATING
AND
COOLING
EQUIPMENT



SERIAL NUMBER

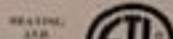


S7108G20967



Advanced Distributor Products®
Grenada, MS 38902

ELECTRIC HEAT





Advanced Distributor Products®
Grenada, MS 38902

ELECTRIC HEAT

HEATING
AND
COOLING
EQUIPMENT



KW	10.0/7.5	FACTORY INSTALLED	
VOLTAGE	240/208	PHASE/HZ	1/60
HEAT MODEL	065866407	TOTAL AMPS	43.57/38.11
MAX. OUTLET TEMP.	197 F MAX.	SERIAL NO.	7108G20967

SINGLE SUPPLY CIRCUIT ELECTRICAL DATA

	HTR.KW	AMPS	MIN.CKT.	FIELD WIRE		CIRCUIT BREAKER SIZE, AMPS
	240/208 V	240/208 V	AMPACITY 240 V	POWER AWG	GROUND AWG	
	10.0/7.5	43.57/38.11	54.46	8	10	60

MULTIPLE SUPPLY CIRCUIT ELECTRICAL DATA

*CKT.#1						
CKT.#2						
CKT.#3						

*INDOOR BLOWER MOTOR LOAD INCLUDED IN CIRCUIT #1 AMPS

