



ADDENDUM NO. 2

DATE: February 4, 2016

OWNER/PROJECT: East Central College
Center for Advanced Manufacturing and Workforce Development
42 Prairie Dell Plaza Drive
Union, Missouri

RE: Project No. 15-6038
EDA Project No. 05-01-05778

SUBJECT: Addendum No. 2

This Addendum forms a part of the Bidding and Contract Documents and modifies the original Bidding Documents.
FAILURE TO ACKNOWLEDGE RECEIPT OF ADDENDUM MAY SUBJECT BIDDER TO DISQUALIFICATION.

GENERAL

1. See questions/answers from pre-bid meeting.
2. Change: Add Bid Alternate Deduct #10 to the Bid Proposal Form, describe procedure for selecting alternates. See attached revised bid proposal form.
3. Change: Retainage on the project shall be changed to 5%.
4. Change: Modify the liquidated damages and final completion sections on Instructions to Bidders page 6. See attached.

ARCHITECTURAL

5. Change: Modify roof curb detail at existing metal roof. See supplemental drawing #1 (attached)
6. Clarification: Add demolition notes for plumbing and fire alarm to the Demolition Floor Plan on Sheet A1.0a.

MECHANICAL

7. Addition: Provide a standalone control panel by the equipment manufacturer to control and monitor Rooftop Unit # 9, including the packaged rooftop unit and the associated variable air volume terminal units. The standalone control panel must be provided with a 10-inch touch screen display as a local interface and shall be web accessible. The standalone control panel must include built-in functionality including scheduling, overrides, temperature setpoint changes, and daily monitoring. Communications between the control panel, rooftop units, variable air volume terminal units, and space temperature sensors must be wireless. This panel should be placed in the IT Room.

Attachments: Bid Proposal Form, Instructions to Bidders page 6, Pre-bid meeting notes, Pictures of 2nd floor equipment to be moved from Four Rivers Career Center, Supplemental Drawing #1, Revised Sheet A1.0a

END ADDENDUM NO. 2

ARTICLE 12

BID FORM PROPOSAL

PROJECT NAME East Central College – Center for Advanced

Manufacturing and Workforce Development

BID TIME _____

PROJECT LOCATION Union, Missouri

BID DATE _____

BIDDER NAME _____

TO: East Central College (“Owner”)

In response to the Invitation for Bids for Project No. 15-6038A, and in accordance with the Instructions to Bidders and other Bidding Documents, the undersigned Bidder declares that he has had an opportunity to examine the site of the Work and has carefully examined the Contract Documents therefore, including the Addenda identified below, and on the basis thereof, and being fully familiar with the local conditions affecting the Work, and upon written notice of award of contract, acknowledges and agrees to provide all labor, material, equipment, tools, management and supervision, safety and technical services, insurance, bonds and incidentals necessary or required for the faithful performance of the Contract Work in accordance with the above-referenced documents in a safe, timely and workmanlike manner for the following Base Bid Price:

BASE BID: _____
Dollars (\$) _____
(Amount in Words)

The Base Bid amount is more fully itemized as follows:

ITEM	DESCRIPTION	PRICE
1	Base Building and Sitework	
2	Fiber Optic Line Extension From College to Building	
TOTAL BASE BID		

Alternates will be taken in order listed, except for #8, #9 and #10, which will be taken if conditions require it. Alternates are itemized as follows:

ITEM	DESCRIPTION	PRICE
1	Alternate Deduct #1: Windows	
2	Alternate Deduct #2: Sound Panels in Precision Machining Lab	
3	Alternate Deduct #3: Sound Panels in Welding Lab	
4	Alternate Deduct #4: Roof Curbs	
5	Alternate Deduct #5: Roof Walkway at Existing Metal Roofing	
6	Alternate Deduct #6: Perforated Liner Panel	
7	Alternate Deduct #7: Front Entrance EIFS Modifications	
8	Alternate Deduct #8: Building Pad Over-Excavation for Infill Addition	
9	Alternate Deduct #9: Building Pad Over-Excavation for East Addition	
10	Alternate Deduct #10: Final Completion Date of Feb. 1, 2017	

Alternate Descriptions:

Bid Alternate Deduct #1: Windows

Eliminate the (5) windows on the north wall of the IE Lab.

Deduct the Sum Of: _____

(Amount in Words) Dollars (\$ _____)

Bid Alternate Deduct #2: Sound Panels in Precision Machining Lab

Eliminate the sound panels indicated for the Precision Machining Lab.

Deduct the Sum Of: _____

(Amount in Words) Dollars (\$ _____)

Bid Alternate Deduct #3: Sound Panels in Welding Lab

Eliminate the sound panels indicated for the Welding Lab.

Deduct the Sum Of: _____

(Amount in Words) Dollars (\$ _____)

Bid Alternate Deduct #4: Roof Curbs

Eliminate the replaced roof curbs at existing rooftop units #3,4,5,6,7,10, and 11.

Deduct the Sum Of: _____

(Amount in Words) Dollars (\$ _____)

Bid Alternate Deduct #5: Roof Walkway at Existing Metal Roofing

Eliminate the roof walkway at the existing metal roofing - see Roof Plan on Sheet A1.1

Deduct the Sum Of: _____

(Amount in Words) Dollars (\$ _____)

Bid Alternate Deduct #6: Perforated Liner Panel

Provide standard liner panel in lieu of perforated at interior metal liner panels.

Deduct the Sum Of: _____

(Amount in Words) Dollars (\$ _____)

Bid Alternate Deduct #7: Front Entrance EIFS Modifications

Eliminate the front entrance modifications indicated above the drive-up canopy on the South Elevation.

Deduct the Sum Of: _____

(Amount in Words) Dollars (\$ _____)

Bid Alternate Deduct #8: Building Pad Over-Excavation for Infill Addition

If it is determined the existing subgrade is adequate, eliminate the over dig required by the Geotechnical Report at the Courtyard Infill Addition.

Deduct the Sum Of: _____

(Amount in Words) Dollars (\$_____)

Bid Alternate Deduct #9: Building Pad Over-Excavation for East Addition

If it is determined the existing subgrade is adequate, eliminate the over dig required by the Geotechnical Report at the East Addition.

Deduct the Sum Of: _____

(Amount in Words) Dollars (\$_____)

Bid Alternate Deduct #10: Final Completion Date of Feb. 1, 2017

In lieu of September 19, 2016 completion date, final completion date is extended to February 1, 2017.

Deduct the Sum Of: _____

(Amount in Words) Dollars (\$_____)

By submitting this Bid, the Bidder agrees to waive any claim it has or may have against the Owner or Engineer, and their respective employees, arising out of or in connection with the administration, evaluation or recommendation of any bid(s).

Addenda

The undersigned Bidder acknowledges the following Addenda, if any:

Addendum No.: _____ dated _____ pages _____

Addendum No.: _____ dated _____ pages _____

Addendum No.: _____ dated _____ pages _____

Addendum No.: _____ dated _____ pages _____

Acknowledgements

Bidder understands that Owner reserves the right to reject any and all bids and to waive any informality in the bidding.

The Bidder agrees that this Bid shall be valid and may not be withdrawn for a period of sixty (60) days after the scheduled closing time for receiving bids.

Within five (5) working days after receipt of written notice of award of contract, Bidder will execute and deliver to the Owner the formal Owner-Contractor Agreement included in the Bid Package, and deliver to the Owner the surety bond or bonds as required by the Contract Documents.

The Bid Security attached hereto, in the sum of _____ Dollars (\$ _____) shall become the property of the Owner in the event that the Owner-Contractor Agreement and the Bond(s) are not executed and delivered to the Owner within the time set forth above, as liquidated damages (and not as a penalty) for the delay and additional expense to the Owner caused thereby.

(Signature)

(Print Name)

(Company Name)

(Address)

(Telephone Number)

(Seal - If bid by Corporation)

ARTICLE 9

FORM OF AGREEMENT BETWEEN OWNER AND CONTRACTOR

9.1 FORM TO BE USED

9.1.1 Unless otherwise required in the Bidding Documents, the Owner-Contractor Agreement for the Work shall be in the form attached hereto.

ARTICLE 10

LIQUIDATED DAMAGES

10.1 LIQUIDATED DAMAGES - BASE BID

10.1.1 Contractor shall pay, as liquidated damages, the sum of \$2,000.00 per day after the Substantial Completion date that the work has not been completed. The total amount so payable to the Owner as liquidated damages may be deducted from any sums due or to become due to Contractor from Owner.

10.1.2 Contractor shall pay, as liquidated damages, the sum of \$2,000.00 per day after the Final Completion Date that the work is not completed. The total amount so payable to the Owner as liquidated damages may be deducted from any sums due to Contractor from Owner.

10.2 LIQUIDATED DAMAGES - ALTERNATE DEDUCT #10

10.2.1 Contractor shall pay, as liquidated damages, the sum of \$1,000.00 per day after the Substantial Completion date that the work has not been completed. The total amount so payable to the Owner as liquidated damages may be deducted from any sums due or to become due to Contractor from Owner.

10.2.2 Contractor shall pay, as liquidated damages, the sum of \$1,000.00 per day after the Final Completion Date that the work is not completed. The total amount so payable to the Owner as liquidated damages may be deducted from any sums due to Contractor from Owner.

ARTICLE 11

TIME OF COMPLETION

11.1 TIME OF COMPLETION - BASE BID

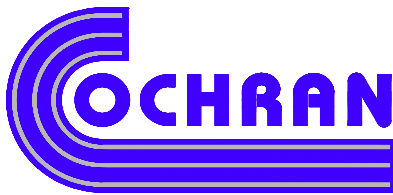
11.1.1 Pending Notice to Proceed date of March 2, 2016, the work to be performed under this contract must be substantially complete in one hundred eighty (187) consecutive calendar days by September 5, 2016. Final Completion to be completed by September 19, 2016.

11.1.2 NOTE: Moving of equipment from existing HVAC lab at the main East Central Campus, and existing Precision Machining and I.E. labs at the Four Rivers location in Washington, cannot begin until May 14, 2016

11.2 TIME OF COMPLETION - ALTERNATE DEDUCT #10

11.2.1 Pending Notice to Proceed date of March 2, 2016, the work to be performed under this contract must be substantially complete in three hundred nine (309) consecutive calendar days by January 1, 2017. Final Completion to be completed by February 1, 2017.

11.2.2 NOTE: Moving of equipment from existing HVAC lab at the main East Central Campus, and existing Precision Machining and I.E. labs at the Four Rivers location in Washington, cannot begin until Dec. 17, 2016



Pre-Bid Meeting Notes

East Central College
Center for Advanced Manufacturing and Workforce Development
42 Prairie Dell Plaza Drive
Project #15-6038
EDA #05-01-05778
February 2, 2016

Project Description

The scope of work for the project includes renovation of an office, associated sitework, and all other incidental items and work described in the Drawings, Specifications, and Contract Documents.

This project will be partially funded with Federal funds from the US Department of Commerce, Economic Development Administration (EDA), and therefore is subject to Federal Laws and regulations associated with that program.

Bidding/Contract Requirements

The Contractors will seal their bid in an envelope and clearly mark the outside with the name of the project, and company name/letterhead.

Separate sealed bids for the Center for Advanced Manufacturing and Workforce Development Heartland (EDA Project #05-01-05778) will be received by East Central College, Melissa Popp, Buescher Hall Room #263 at East Central College Main Campus, 1964 Prairie Dell Road, Union, MO 63084 until 1:00 p.m., CST on **Friday, February 19, 2016**, and then publicly opened and read aloud.

East Central College anticipates issuing the notice to proceed in March 2016.

Each bid must be submitted on the prescribed form and also accompanied by the following:

- Bid Form Proposal
- 5% Bid Bond or Certified Bank Check
- Subcontractor Approval Form
- Certification Regarding Lobbying
- Anti-collusion Affidavit
- E-verify

Contact Joe McGowan at Cochran for any questions/clarifications on the project.

636-584-0540

jmcgowan@cochraneng.com

Addendums will be provided via email addresses.

Instructions to Bidders

- Planholders List
 - General Contractors must purchase a CD or hardcopy set of drawings and specs in order to bid on the project. Only planholders will get a copy of the addendums. The following plan rooms are plan holders: Dodge, Eplan and ISQFT.

- Base Bid Project Completion/Liquidated Damages
 - Project Completion
 - Pending approval from EDA and the ECC Board of Trustees, and a Notice to Proceed date of March 2, 2016, the work to be performed under this contract must be substantially complete in one hundred eighty (187) consecutive calendar days by September 5, 2016.
 - Final Completion to be completed by September 19, 2016.
 - NOTE: Moving of equipment from existing HVAC lab at the main East Central Campus, and existing Precision Machining and I.E. labs at the Four Rivers location in Washington, cannot begin until May 14, 2016
 - Liquidated Damages
 - Contractor shall pay, as liquidated damages, the sum of \$2,000.00 per day after the Substantial Completion date that the work has not been completed. The total amount so payable to the Owner as liquidated damages may be deducted from any sums due or to become due to Contractor from Owner.
 - Contractor shall pay, as liquidated damages, the sum of \$2,000.00 per day after the Final Completion Date that the work is not completed. The total amount so payable to the Owner as liquidated damages may be deducted from any sums due to Contractor from Owner.
- Alternate Bid Deduct #10 - Project Completion/Liquidated Damages
 - Project Completion
 - Pending approval from EDA and the ECC Board of Trustees, and a Notice to Proceed date of March 2, 2016, the work to be performed under this contract must be substantially complete in three hundred and nine (309) consecutive calendar days by January 1, 2017.
 - Final Completion to be completed by February 1, 2017.
 - NOTE: Moving of equipment from existing HVAC lab at the main East Central Campus, and existing Precision Machining and I.E. labs at the Four Rivers location in Washington, cannot begin until Dec. 17, 2016
 - Liquidated Damages
 - Contractor shall pay, as liquidated damages, the sum of \$1,000.00 per day after the Substantial Completion date that the work has not been completed. The total amount so payable to the Owner as liquidated damages may be deducted from any sums due or to become due to Contractor from Owner.
 - Contractor shall pay, as liquidated damages, the sum of \$1,000.00 per day after the Final Completion Date that the work is not completed. The total amount so payable to the Owner as liquidated damages may be deducted from any sums due to Contractor from Owner.
- 100% Performance-Payment Bond
- 100% Material Bond
- Contractor shall not subcontract more than 75% of the total contract cost.
- Insurance
 - Worker's Compensation for all his/her employees
 - Contractor's Public Liability and Property Damage
 - Contractor's Vehicle Liability
 - Subcontractor's Public Liability, Property Damage, and Vehicle Liability
 - Builder's Risk (Fire and Extended Coverage)
 - Certificate of Insurance; Required to be on file prior to commencing with any work
- EDA requirements
 - Buy America Statement
 - State and Federal Wage Rates
 - Certification Regarding Lobbying
 - Requirements for Affirmative Action
 - EDA Contracting Provisions for Construction Projects (Including project sign)

- Bid Alternate Deducts:
Alternates will be taken in order listed, except for #8, #9 and #10, which will be taken if conditions warrant.
Alternates are itemized as follows:
 - Bid Alternate Deduct #1: Windows
Eliminate the (5) windows on the north wall of the IE Lab.
 - Bid Alternate Deduct #2: Sound Panels in Precision Machining Lab
Eliminate the sound panels indicated for the Precision Machining Lab.
 - Bid Alternate Deduct #3: Sound Panels in Welding Lab
Eliminate the sound panels indicated for the Welding Lab.
 - Bid Alternate Deduct #4: Roof Curbs
Eliminate the replaced roof curbs at existing rooftop units #3,4,5,6,7,10, and 11.
 - Bid Alternate Deduct #5: Roof Walkway at Existing Metal Roofing
Eliminate the roof walkway at the existing metal roofing - see Roof Plan on Sheet A1.1
 - Bid Alternate Deduct #6: Perforated Liner Panel
Provide standard liner panel in lieu of perforated at interior metal liner panels.
 - Bid Alternate Deduct #7: Front Entrance EIFS Modifications
Eliminate the front entrance modifications indicated above the drive-up canopy on the South Elevation.
 - Bid Alternate Deduct #8: Building Pad Over-Excavation for Infill Addition
If it is determined the existing subgrade is adequate, eliminate the over dig required by the Geotechnical Report at the Courtyard Infill Addition.
 - Bid Alternate Deduct #9: Building Pad Over-Excavation for East Addition
If it is determined the existing subgrade is adequate, eliminate the over dig required by the Geotechnical Report at the East Addition.
 - Bid Alternate Deduct #10: Completion Date of February 1, 2017
In lieu of September 19, 2016 completion date, completion date is extended to February 1, 2017.
- Sales Tax: East Central College will provide a State of Missouri Project Tax Exemption Certificate
- Prevailing Wage: Contractors have to pay higher rate of either Federal or State wage rate, per job classification. Contractors will have to turn in weekly certified payroll reports.
- Application for Payment: Applications should be submitted on AIA Form or equivalent, a 5% retainage will be held back until project completion. Certified payroll records from the general and all subcontractors are required along with lien waivers, shall be submitted with payment applications. An affidavit for compliance with prevailing wages must be submitted with the final applications.
- Contractors will have to be registered with the Secretary of State's office.
- Subcontractors will be held to all the same requirements as the general contractor.
- The successful bidder must submit a sworn affidavit and documentation affirming the business entity's enrollment and participation in the federal work authorization program and that all of its employees working for the contracted services are not illegal immigrants.
- Upon signing the contract, the Contractor and any subcontractor performing the work shall provide a 10-hour Occupational Safety and Health Administration (OSHA) construction safety program for their onsite employees, which includes a course in construction safety and health approved by OSHA or a similar program approved by the Missouri Department of Labor and Industrial Relations which is at least as stringent as an approved OSHA program. All employees are required to complete the program within 60 days of beginning work on such construction project.
- Missouri Law requires all bidders under a construction contract of any public works project to employ workers from Missouri or from other nonrestrictive states. Bidders may review this requirement by checking the website of the Missouri Department of Labor and Industrial Relations.
- All bids shall be valid and may not be withdrawn for a period of sixty (60) days after the bid opening.
- Prior to the Start of Construction, all contractors awarded the project must have a valid business license on file with the City of Union.

- Bidders may request clarification or interpretation of the Bidding Documents by making a written request to the Architect. Submit questions to Joe McGowan at jmcgowan@cochraneng.com. Questions in regards to Bid Documents will be received until 10:00 a.m., Tuesday, February 16, 2016.
- This meeting agenda will be provided as an attachment to an Addendum.

Construction Information

- The Owner's water may be used by the contractor. Contractor may use Owner's electric service during construction. Portable restrooms shall be provided by the Contractor.
- Owner will secure and pay for the building and fire permits. Contractor is responsible for picking up permit, and obtaining any other required permits or fees.
- For moving of existing equipment you shall have to access the existing HVAC lab at East Central College Main Campus, and the existing Precision Machining Lab and Industrial Engineering Lab at the Four Rivers Career Center located on 1978 Image Drive, Washington, Missouri 63090.
- Stakeout needed for construction shall be provided by the contractor.
- Construction testing (soils, concrete and steel) will be provided by East Central College. Contractor is responsible for coordination and scheduling with the testing company.
- Owner will be responsible for the following work, as follows:
 - Concurrent Work: Owner will provide materials, labor and equipment necessary for the following construction operations at Project site. These operations will be conducted simultaneously with work under this Contract.
 - Data, phone, and security wiring. GC shall provide conduit as indicated on drawings.
 - Appliances and furniture installation.
 - Equipment Installation shall be by the GC, but the Owner will provide final leveling, calibrating, and setup of equipment. GC shall provide installation as indicated on Sheets A1.6, A1.7, and A1.8, and associated mechanical/electrical/plumbing drawings.

Questions/Answers from Prebid Meeting on February 2, 2016

1. Can you clarify the scope of work for the plumbing demolition?
Answer: See Attached Sheet A1.0a.
2. What is required for refrigerant recovery on the existing HVAC units being moved from the existing HVAC lab?
Answer: Refrigerant for each unit to be moved shall be recovered and salvaged to the owner for re-use.
3. The specifications call for 10% retainage. State law mandates no more than 5% on public projects?
Answer: Retainage for the project will be changed to 5%.
4. Will there be a warrantee required on the existing screw down metal roofing?
Answer: Any tie-in portions of roofing located at the two building additions will be warranted as specified for the new roofing. The existing roof curbs to be replaced roof shall be warranted as specified for roof curbs. The new roof walkway connections to the existing roofing shall be warranted as specified. The existing sheet metal roofing to remain shall not be required to be warranted.
5. Can you clarify Key Note 4 on Sheet P1.1?
Answer: Delete Key Note 4. This is not necessary.
6. Where does the condensate drain go to for AC-1 shown on Sheet M1.1

Answer: Move AC-1 to the wall between the IT room and Storage Room 135. Route the condensate through the wall and into the storage room, down the wall and over to the existing floor drain.

7. Can you clarify the scope of work for Key Note 2 on Sheet P1.4.

Answer: Any repair required to the existing water softener shall be done as an extra if required. The contractor is only responsible for cleaning and verifying if in working order.

8. How shall the feeders from the new Ameren transformer get to the new MDP?

Answer: The feeders shall come up outside the building in PVC pipe, up the wall and into the building above the existing electrical panels, and over to the new MDP. The concrete slab between the existing transformer pad and the building will need to be removed and replaced.

9. Are any materials be salvaged to the owner that is being demolished?

Answer: Salvage demolished lights, copper wiring, copper water piping, water heater. Stockpile in convenient location for owner pick-up.

Tour of existing HVAC room at East Central College Main Campus in Union, Missouri

- A tour was made to the existing HVAC room at the main campus

Tour of existing Precision Machining Lab and Industrial Engineering Lab at Four Rivers Career Center located at 1978 Image Drive, Washington, Missouri.

- A tour was made to the existing labs at Four Rivers Career Center
- The existing coolant for the large CNC machines shall be recovered by the owner into 55 gallon drums. The contractor shall be responsible for moving these drums to the new facility. The Owner expects there to be approximately (8) drums.
- We will provide pictures of the (5) pieces of equipment located in the 2nd floor Machining lab used by Washington high school. Access to this lab was not available at the time of our tour.

Eq. #243
Alpha 330 Plus



Eq. #246
Cincinnati 1D2T6T-345



Eq. #247
Cincinnati 4A2P1Y-78

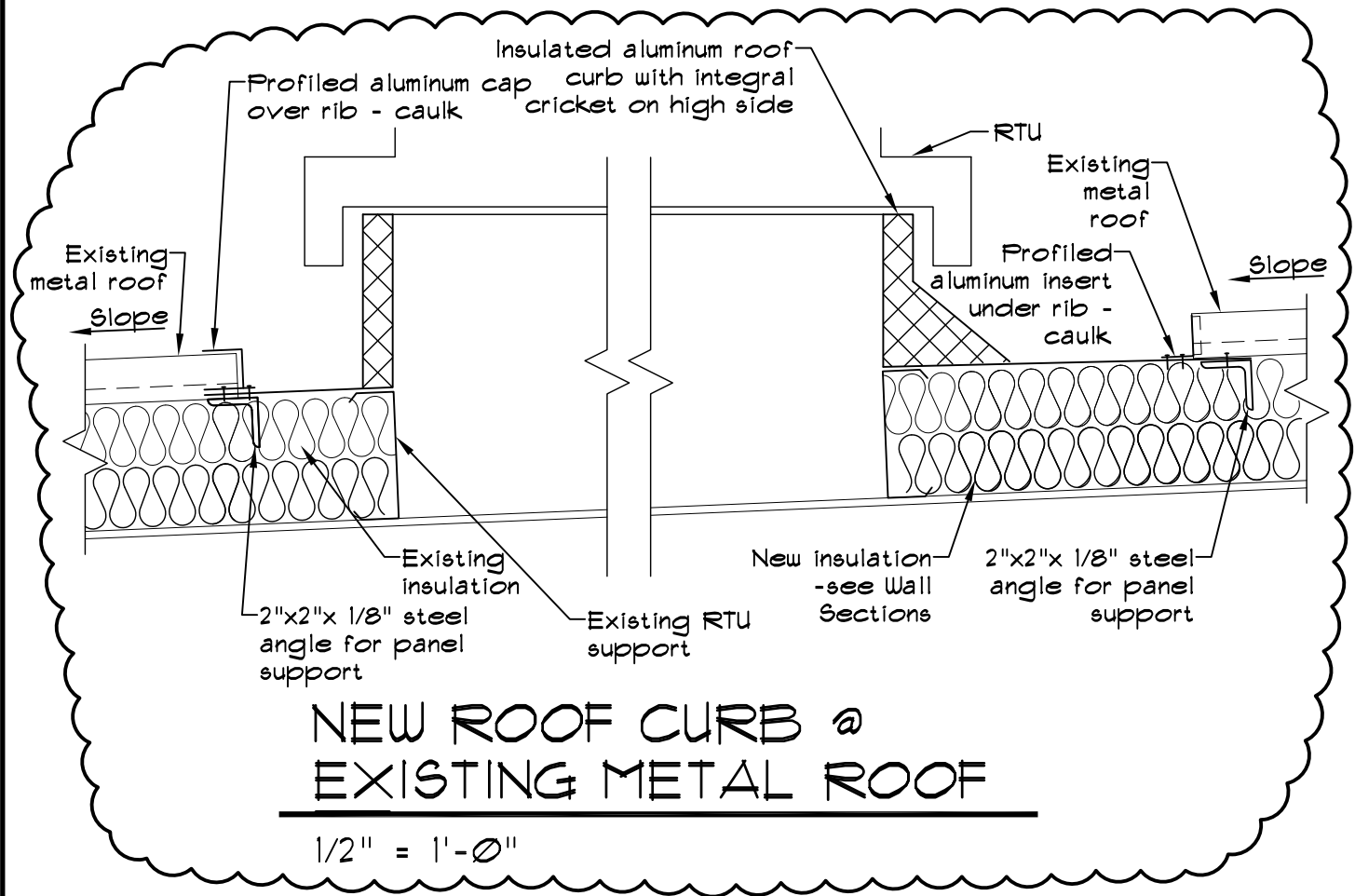


Eq. #248
Acer AGS-1020AHD



Eq. #250
Bridgeport Mill





DESCRIPTION: ADDENDUM #2 - ROOF CURB DETAIL

PROPOSAL REQUEST: -

DRAWING NUMBER: A5.3

PROJECT: ECC

SUPPLEMENTAL DRAWING - 1



530A E. Independence Dr.
Union, Missouri 63084

638-584-0540 (tel.)
638-584-0512 (fax)
mail@cochraneng.com

- Civil Engineering
- Land Surveying
- Architecture
- Site Development
- General Consulting
- Master Planning

DWN. BY

NAP

DATE

02/04/16

PROJ. NO.

15-6038