

ADDENDUM NO.: 9
 DATE OF CMR ADDENDUM: 1/21/13

**Notice of Construction Manager-at-Risk (CMR)
 Addendum
 on behalf of the
 CT Department of Construction Services (CT DCS)**

Project Name:	JM Wright Tech High School
Project Location:	Stamford CT
Project Description:	Additions & Renovations
Project Construction Budget:	50,000,000.00
CT DCS Project Number:	BI-RT-842-CMR

The Construction Manager-at-Risk (CMR) is issuing a **Notice of CMR Addendum** for this State of CT Department of Construction Services (CT DCS) Project. Specific Addendum Information is available as noted below. If you have any questions, please contact the CMR as noted below.

CMR Information:

CMR Firm:	KBE Building Corp
Address:	30 Batterson Park Rd
Contact Name:	Ryan Bentz
Contact Phone Number:	Office: 860-284-7467 Cell: 860-250-1552
Contact Email Address:	rbentz@comcast.net

Addendum Information is available as follows:

CMR Website and/or FTP Site:	Address: ftp.kbebuilding.com User: JMWrightHS Pass: 6w6dwi
Printing Company:	BL Graphics 203-630-2671

Note to CMR Firm: This Form must be completed and emailed to the DCS personnel listed below. DCS will post the form to the State Contracting Portal as "Addendum No. #". **Delete this "Note" prior to emailing the document to DCS.**

- Copies: DCS Project Manager ([insert email address](#)) DCS Process Management (randy.daigle@ct.gov)
 DCS Process Management (peter.babey@ct.gov) DCS Website Management (rebecca.cutler@ct.gov)



**JM Wright Technical High School
Stamford, CT
State Project # BI-RT-842-CMR**

**ADDENDUM #9
January 21, 2013**

Contents of Addendum #9

- 1) **Firestopping Clarification** - Each trade is responsible for their own penetration firestopping through existing/new walls and floors.
- 2) Bidders questions 62-75
- 3) Adjustments to allowances found in the following bid packages
 - a) 2.02 Masonry
 - b) 2.04 Carpentry
- 4) Adjustment to Unit Pricing for 2.23 HVAC

All Bid Packages posted to the FTP site are the Full and Final Packages.

- **PLEASE NOTE: Revised Invitation to Bidders dated 1/10/13 found in Addendum #7 has changed the bid date for all packages except for the Demolition and Abatement package from January 16, 2013 to January 23, 2013 at 2:00 PM.**

J.M. Wright Technical High School

BIDDERS Request for Information Log

Question 62:

Additional slabs are shown in the SD series drawings that are not shown in the S drawings, are we to include this in our scope of work?

Response:

Yes, the slabs shown in the SD drawings are to be included within the 2.1 Concrete Package.

Question 63:

On drawing S-302 where is section number 14 taken?

Response:

Section #14 on S-302 can be found between gridlines B.9 and C line at 30 line on S-205.

Questions 64:

Please clarify section number 6 and number 2 on drawing S-401.

Response:

Please see drawing A-121 and S-121 within the library area

Questions 65:

Please confirm the details found on S-501 are not included within the Concrete scope.

Response:

This is correct; the details found on S-501 are included within the Site Work scope.

Question 66:

Please identify where the details for the typical roof slab infill's can be found.

Response:

Please reference A-154 for the typical roof slab infills.

Questions 67:

What bid package cleans the existing floors?

Response:

Each subcontractor is responsible to clean their own mess but the final clean will be done by the Cleaning Subcontractor:

Questions 68:

Is the dust collection pad by the site contractor?

Response:

The dust collection pads are to be provided by the site contractor.

Questions 69:

Please provide a detail for the locker bases.

Response:

Please reference addendum 6, SK ADA-03 for the locker base.

Question 70:

What is the extent of the “mud mats” per item EE under BP#002.1?

Response:

Mud mats are only required under poor weather conditions per the Construction Managers Superintendents direction.

Question 71:

Please confirm sealants/fillers shown at the saw cuts are provided by the Joint Sealant contractor.

Response:

Yes, the sealants/ fillers at the saw cuts are to be provided by the Joint Sealant Contractor.

Question 72:

What bid package provides the canopy footing/ piers on A-616?

Response:

The Site Contractor owns the canopy footing/piers that are shown on A-616.

Questions 73:

What bid package replaces the slabs shown on D-113?

Response:

The concrete subcontractor is responsible to replace the slabs shown on D-113.

Question 74:

What bid package patches the concrete floors where the ceramic tile is to be removed per the D drawings?

Response:

The concrete patching, beyond that specifically called out as concrete topping or overlay, shall be addressed by the CMaR on an as needed basis. The concrete subcontractor shall not carry the work to perform concrete patching in areas of ceramic tile demolition as shown on the D-Drawings.

Addendum #9

Question 75:

Are details 6-8 found on S-501 owned by the site package?

Response:

The Site Subcontractor is responsible for details 6-8 on S-501.

JM Wright Technical High School Stamford, CT (BI-RT-842 CMR)

January 21, 2013

Package # BP-002.4

ROUGH CARPENTRY AND DRYWALL**SCOPE OF WORK**

The following items are included in Subcontractor's Scope of Work but are in NO WAY meant to limit the Scope of Work and obviously do not list all the items that the Subcontractor must perform.

1. Furnish all labor, materials, supervision, tools, supplies equipment, insurance, permits and services necessary for a **COMPLETE ROUGH CARPENTRY AND DRYWALL PACKAGE** as shown in the Contract Documents for the referenced project, to be in accordance with the Project's General Conditions and related work by others as described herein, to include, but not limited to the following:

Division 0 – Procurement and Contracting Requirements, Division 1 – General Requirements
Division 02 - Existing Conditions, Division - 03 Concrete, Division 05 Metals, Division - 06 Wood, Plastics and Components, Division - 08 Openings and all applicable Specifications Sections pertinent to scope of work, including but not limited to the following: Section 00 31 26.23 – General Survey for asbestos containing material and lead-based paint, Section 00 31 19.26 – Existing conditions survey, Section 00 31 26.29 – Existing PCB information, Section 02 83 00 Lead Awareness, Section 03 49 13 Glass Fiber-Reinforced Concrete Covers, Section 05 40 00 Cold formed metal framing, Section 06 10 00 Rough Carpentry (partial as relates to Building Structure), Section 06 16 00 Sheathing, Section 07 21 00 Thermal Insulation, Section 08 31 13 Access Doors and Frames (Install Only), Section 09 09 22 16 Nonstructural Metal Framing, Section 09 29 00 Gypsum Board & Section 09 97 50 Soffit Coating System.

All **Rough Carpentry and Drywall** on the drawings and in the specifications, which is not specifically called out for as work by others is the responsibility of the Subcontractor.

- A. The Subcontractor shall include in its bid all costs required to provide any and all required winter protection for its work, including temporary enclosures. Subcontractor to provide means of conveyance including but not limited to all lifts, cranes, staging, pumping and hoisting required for this scope of work.
- B. All other layout required for the Trade's Work is by this Subcontractor. This Subcontractor is responsible to provide all field checking and controls needed for the accurate installation and monitoring of his Work. Include all required or necessary field measurements.
- C. This Subcontractor shall provide and install all fire stopping, smoke sealing as required for this scope of work through floors, walls, roof and/or as required.
- D. Subcontractor shall provide labor and material to construct two plan tables with drawing storage racks within the Construction Managers field office. Plan tables are to be 10' long x 4'

- deep. Subcontractor to also include (50) feet of wall shelving and brackets within the Construction Managers field office as per the direction of the Construction Manager.
- E. Subcontractor shall provide a lockable office space within the building for both the construction manager and owner's representative in room C101. This shall include 2,000 square feet of light gauge metal framing with two sided drywall, six door frames, six doors with classroom function hardware.
 - F. Subcontractor shall provide (100) 30yd dumpsters for general construction debris during construction. Subcontractor to follow waste management and disposal plan as outlined in the Specification Section 01 74 19. Dumpsters shall be assigned to different construction debris materials to follow LEED regulations on the project. Subcontractor to provide and maintain all signage necessary to identify each dumpster as outlined in the LEED requirements. All delivery and pull tickets shall be provided to the Construction Manager. Subcontractor to submit monthly reports on materials being recycled. These dumpsters are to be used per the Construction Managers direction.
 - G. Subcontractor must designate a minimum of two laborers daily for a (3) month duration to clean-up as directed by the Construction Managers Superintendent.
 - H. This Subcontractor shall be responsible to provide any wood blocking for the entire building structure (excluding roof blocking) as shown on the Contract Documents including pressure treated, fire treated, toilet partitions and bathrooms. Install supplementary framing, blocking bracing in metal framing system wherever walls or partitions are indicated to support fixtures, metal panel systems, windows, curtain wall systems, equipment, services, casework, heavy trim and furnishings, and similar work requiring attachment to the wall or partition.
 - I. Subcontractor to supply all Framing and drywall materials for scope of work.
 - J. Subcontractor to provide a complete scaffolding system in Lecture Room B-105 for use by all trades on site. This structure will be assembled at two elevations to be able to work at two elevations.
 - K. Subcontractor shall transfer benchmark elevations provided by sitework contractor onto all exterior perimeter columns. Subcontractor is to employ a licensed surveyor to perform this work.
 - L. Subcontractor shall provide all shop drawings related to the scope of work. Any shop drawings requiring the seal of a professional engineer registered in the State of Connecticut shall be the responsibility of the Rough Carpentry and the Drywall Subcontractor.
 - M. Subcontractor to install all interior drywall partitions and exterior framing and sheathing as shown on the contract documents.
 - N. Subcontractor to furnish and install all fire resistance-rated assemblies, STC-Rated assemblies. Provide products that comply with the following limits for surface burning characteristics when tested per ASTM E84 and as indicated on the Contract Documents.
 - O. Subcontractor to supply and install all hard ceilings, soffits, drops, bulkheads, suspension systems, seismic bracing & grid suspension systems.
 - P. Subcontractor to provide non-structural metal framing to include but not limited to studs and runners, slip type head joints where indicated, single long runner system, double –runner system, deflection track, fire-stop tracks, flat strap and backing plates, cold rolled channel bridging, hat shaped, rigid furring channels, resilient furring channels & Z shaped furring
 - Q. Subcontractor to supply and install all sound attenuation blankets, thermal insulation located in metal framing as indicated on the contract documents.
 - R. Subcontractor to store all drywall materials inside under cover and keep dry and protected against damage from weather. Stack panels flat to prevent sagging.

- S. Subcontractor to furnish and install all exterior gypsum board for ceilings and soffits including wall sheathing.
- T. Subcontractor to provide tile backing panels 5/8" mold resistance: ASTM D 3273.
- U. Subcontractor to provide all trim accessories, corner beads, bullnose beads, LC bead expansion (control) joints & aluminum wall reveals.
- V. Subcontractor to furnish and install all joint treatment materials that comply with ASTM C 475/C 475 M. For each coat use formulation that is compatible with other compounds applied on previous, or for successive coats. Gypsum board finish levels according to ASTM C 840 Level 1 for ceiling plenum areas, and where indicated on the Contract Documents. Install Level 4 at panel surfaces that will be exposed to view, unless otherwise indicated on the Construction Documents and/or Finish Schedule.
- W. Subcontractor to carry in his bid an allowance to install (100) 18" x 18" access doors and (20) 12" x 12" access doors. Quantities will be verified by the Construction Manager.
- X. Subcontractor to field measure, supply and install glass fiber-reinforced concrete column covers, clips hangers and other accessories required for connecting GFRC column covers to supporting members and backup materials as shown on the contract documents.
- Y. Subcontractor to provide labor and materials to install and remove temporary guardrails at elevator pit, shaft fall protection and for the 2nd floor loading access zones in building sections A1, A2 & A3, consisting of 24 feet of guardrail and two 4 foot wide by 8 foot high plywood doors that are lockable. Also included are related temporary plywood walls to fit the existing conditions for access zones which meets or exceeds KBE or OSHA safety requirements. Include all signage to read "FALL PROTECTION REQUIRED BEYOND THIS POINT - AUTHORIZED PERSONEL ONLY".
- Z. Subcontractor has included in their base bid the following allowances:
 - a. Allowance #16: Include 500 square feet of Partition Type 1.

END OF DOCUMENT



PROPOSAL FORM – BP 002.4 ROUGH CARPENTRY

BID FORM

J. M. WRIGHT TECHNICAL HIGH SCHOOL
STATE PROJECT # BI-RT-842-CMR

Directions for Bid Forms

This Bid Form identifies the major type of work required for this Bid Package. The Bidder is to provide pricing as follows:

A. LUMP SUM TOTAL for this Bid Package. A Lump Sum amount is required for each item on this form. The amount is to include labor, material, supervision, tools, supplies, equipment, direct or indirect expenses, overhead, profit, insurance, bonding, and any applicable taxes necessary to perform the full obligations as set forth in this Bid Package.

B. ALLOWANCES. The Allowances are to be incorporated into the selected bidder's Scope of Work. Allowances are to be provided in accordance with specifications section 01 22 00 and as indicated in the subcontractor's scope of work.

C. UNIT PRICING: Unit Prices will be used to add or delete work from the contract sum by change order in the event the project Scope of Work is altered. Each unit price shall include all equipment, tools, operators, fuel, maintenance, mobilization, demobilization, insurance, permits, fees, bond, overhead and profit incidental to the installation and completion of the work involved.

D. ADDENDA CONFIRMATION. This form is acknowledgment of receipt of all applicable addenda. Failure to list all issued addenda will be grounds for disqualifications.

E. BID ITEMS – Bidders are required to submit pricing for each individual bid package. No bidder may withdraw its bid during the bid review period.

F. Bidder unconditionally agrees (if awarded) to all terms and conditions of the Bid Documents, and that failure of Bidder (if awarded) to execute a contract consistent with its bid will subject Bidder to automatic forfeiture of Bidders Bid Security.

G. A checklist for required forms is provided within the bid form. Each line item shall be initialed to confirm receipt and acceptance of each item. All Bid Forms to be signed and dated in the space indicated.

Bid Item A: Lump Sum Base bid

1) Base Bid (including Payment, Performance Bond, Allowances)

(in numbers) \$ _____

(in words) _____
_____ and 00/100 Dollars

2) 100% Labor & Materials Payment & Performance Bond (Breakout)

(in numbers) \$ _____

(in words) _____
_____ and 00/100 Dollars

Section 033913 – Glass Fiber-reinforced Concrete Covers

(Sum of A thru B) 1 _____

A. Material _____
B. Labor _____

Section 054000 – Cold Formed Metal Framing

(Sum of C thru D) 2 _____

C. Material _____
D. Labor _____

Section 061000 – Rough Carpentry

(Sum of E thru F) 3 _____

E. Material _____
F. Labor _____

Section 061600 – Sheathing

(Sum of G thru H) 4 _____

G. Material _____
H. Labor _____

Section 072100 – Thermal Insulation

(Sum of I thru J) 5 _____

I. Material _____
J. Labor _____

Section 083113 – Access Doors and Frames

(Sum of K thru L) 6 _____

K. Material _____
L. Labor _____

Section 090922.16 – Nonstructural metal framing (Sum of M thru N) 7_____

M. Material _____
N. Labor _____

Section 092900 – Gypsum Board (Sum of O thru P) 8_____

O. Material _____
P. Labor _____

Section 090922.16 – Nonstructural metal framing (Sum of Q thru R) 9_____

Q. Material _____
R. Labor _____

BID ITEM B: ALLOWANCES

All Bidders are to note that allowance quantities provided in Section 01 22 00 are to be part of the base bid. The unit costs that are to be provided will reflect additions or reductions to those quantities given. Any allowances not used will be issues as a deduct change order.

Install (100) 18" x 18" access doors and (20) 12" x 12" access doors. Quantities will be verified by the Construction Manager.....\$_____

Allowance #16: Include 500 square feet of Partition Type 1.....\$_____

Two laborers daily for a (3) month duration to clean-up as directed by the Construction Managers Superintendent.....\$_____

**** Quantities will be measured in place. Quantities derived from delivery tickets or invoices will not be accepted**.**

BID ITEM C: UNIT PRICES

Unit Prices shall be used, where applicable, to make adjustments to the cost of the Work due to changes. All Unit Prices submitted shall be complete in-place (unless otherwise noted) and include all costs for overhead, profit, labor, materials, equipment, and any other incidentals related to the completion of the Work, and shall remain firm for the period of the contract. Unit Prices listed are for added work. Deductive unit prices will be calculated at no less than 85% of the additive unit price (100% if used in conjunction with an allowance). Subcontractor shall provide a licensed surveyor to determine elevations of materials associated with earth and rock removal to determine the total area removed and replaced as it relates to unit costs.

Dumpster.....\$_____/Unit

BID ITEM D:

BID DOCUMENT CHECK LIST:

Bidder is to provide all documents as listed below with their properly identified bid. Bidder's **initials** are required on all lines of **following listed** items.

- _____ Original and (2) copies of Bid Form **on Bidders Letterhead**
- _____ DAS Qualification/Certification
- _____ Bid Security
- _____ Bidder Qualification Statement
- _____ Non-Collusion Affidavit
- _____ Surety's letter of intent to issue Payment and Performance Bond
- _____ List of bidders primary subcontractors and suppliers (on separate letterhead)

Bidder agrees by execution and submission of this bid that its bid inclusive of Base Bids, Alternates, and Unit Prices is valid and irrevocable for a minimum of (90) calendar days from the bid due date, that the Bidder unconditionally agrees (if awarded) to all terms and conditions of the Bid Documents, and that failure of Bidder (if awarded) to execute a contract consistent with its bid will subject Bidder to automatic forfeiture of Bidder's Bid Security.

By submitting this bid, Bidder acknowledges receipt of the following addenda:

_____	_____	_____
_____	_____	_____

BIDDER:

Name: _____

Address: _____

Telephone # _____ Fax # _____

Typed Name of Officer _____

Signature of Officer _____

Title of Officer _____

Date _____

END OF BID FORM

JM Wright Technical High School Stamford, CT (BI-RT-842 CMR)

January 21, 2013

Package # BP-002.2

MASONRY

SCOPE OF WORK

The following items are included in Subcontractor's Scope of Work but are in NO WAY meant to limit the Scope of Work and obviously do not list all the items that Subcontractor must perform.

1. Furnish all labor, materials, supervision, tools, supplies equipment, insurance, permits and services necessary for a COMPLETE CONCRETE UNIT MASONRY PACKAGE as shown in the Contract Documents for the above referenced project, to be in accordance with the Project's General Conditions and related work by others as described herein, to include, but not limited to the following:

Division 0 – Procurement and Contracting Requirements Section 00 31 26.23 – General Survey for asbestos containing material and lead-based paint, Section 00 31 19.26 – Existing conditions survey, Section 00 31 26.29 – Existing PCB information, Section 00 31 32.13 – Subsurface geotechnical report, Division 1 General Requirements, Division 04, Section 04 01 20 - Maintenance of Unit Masonry, Precast Concrete and Limestone, Section 04 20 00--Unit Masonry, Section 04 72 00 - Cast Stone Masonry and Division 7, 07 19 00 - Water Repellants.

UNIT MASONRY

- A. Unit Masonry Subcontractor scope of work includes all the supply and installation of all types of interior and exterior Unit Masonry assemblies as shown and as specified including but not limited to all Concrete Unit Masonry units, face brick, building (common) brick, mortar and grout, all Unit Masonry reinforcing steel, Unit Masonry joint reinforcement, ties and anchors, embedded flashings & sheetmetal, miscellaneous Unit Masonry accessories and cavity-wall insulation.
- B. At any interface between masonry and door, frame, window, curtain-wall, and/or roof flashings, the masonry subcontractor shall furnish and install all flashings. Flashings will be terminated by the window, curtain-wall, and/or roofing contractors.
- C. Subcontractor shall furnish and install all Masonry Veneer at both the interior and exterior of the building.
- D. Subcontractor is responsible for all masonry repair work shown on the Contract Documents and patches from other trades penetrations Interior and Exterior finishes.
- E. Subcontractor is responsible for ALL layout and surveying associated with this scope of work. Two benchmarks will be provided by the site contractor.
- F. Subcontractor shall provide a register professional surveyor to transfer control to each floor and the roof and to provide brick points.
- G. At submission of bid, subcontractor to contact suppliers of the specified block, brick and stone to determine availability of product at the time of bid. Furthermore, Subcontractor is required to advise CM of available stock of specified material.

- H. Subcontractor shall provide and install all precast stone sill and copings, including all embedded steel. Subcontractor shall coordinate the installation with the miscellaneous steel subcontractor. Welding and clip angles are provided by others.
- I. Subcontractor to provide shop drawings and all submittals required by the contract documents for the installation of its work as called for in the specifications. Subcontractor shall provide shop drawings sealed by a professional engineer registered in the State of Connecticut where required.
- J. Subcontractor shall provide Mockups: Build Mockups to verify selections made under sample submittals and to demonstrate aesthetic effects and set quality standards for materials and execution. Typical exterior and Interior Wall in sizes 60 inches by 48 inches high. See Section 042000 Item E.
- K. Subcontractor shall furnish and install all Unit Masonry incidentals and accessories required for a completed scope of work including but not limited to all mortar, grout, pumps, buggies, lifts, staging, mixers, anchors, dowels, angles, inserts, fasteners, shims, flashings, weep holes, control joints, vent tubes and all other miscellaneous accessories needed for a complete installation.
- L. Subcontractor shall install all embedded steel as shown and specified. Embed steel will be supplied by others. Embedded steel to include but not be limited to all steel lintels, plates, studs, bolts, hooks, and any other miscellaneous steel required for scope of work but not specifically shown on the contract documents.
- M. Subcontractor shall supply and install all membrane or metal flashings & weeps as per contract documents.
- N. Subcontractor shall coordinate and install all mechanical sleeves and anchors in Unit Masonry walls provided by other trades.
- O. Subcontractor shall furnish and install all Unit Masonry or precast lintels and bond beams as required by the contract documents.
- P. Subcontractor shall furnish and install all penetrating water repellent treatments for the following vertical and horizontal surfaces: precast concrete, cast stone, clay brick masonry, and natural stone to include new and existing. All surfaces to be cleaned and prepared prior to installation.
- Q. Subcontractor shall brace walls as required. Bracing shall meet O.S.H.A. standards
- R. Subcontractor shall furnish and install all scaffolding required for the complete installation of all Unit Masonry. Scaffolding shall conform to all OSHA standards. Scaffolding must be provided with access stairs. Stair towers are to be provided a minimum of every 200' and provide access to all levels.
- S. Workers erecting and dismantling staging/scaffolding must be fully tied off.
- T. Subcontractor shall final clean all exposed brick and precast surfaces (new and existing) in accordance with contract documents. Subcontractor must contain and control all run-off generated by the wash down operation.
- U. Subcontractor shall be responsible for all Unit Masonry lay-out and control required to install its work.
- V. Water and Electrical Services will be provided by the Construction Manager and will be available to the Subcontractor. Final connections to equipment used by the Subcontractor will be Subcontractor's responsibility.
- W. Subcontractor shall provide all winter conditions and protection for this scope of work. This includes all tenting, heating (heating units and fuel), framing associated with tenting, additional staging or scaffolding, heated water, accelerants, etc.

- X. Subcontractor shall cover all masonry on a nightly basis to prevent water infiltration within the cavity. Provide and remove temporary caps at masonry parapets to prevent water infiltration until permanent cap has been installed.
- Y. Subcontractor shall provide no less than two (2) laborers dedicated to clean up during each shift for their work.
- Z. Subcontractor shall provide (2) laborers for a duration of 3 months to clean up as directed by the Construction Manager's Superintendent.
- AA. Subcontractor to provide (80) hours of forklift and operator time for use at the discretion of the Construction Manager. Time will be verified by CM's signature on daily work tickets.
- BB. NO DRY CUTTING OF MASONRY MATERIALS IS ALLOWED ON SITE.
- CC. Unit Masonry subcontractor shall remobilize to the site just prior to Substantial Completion and spot clean any efflorescence using lifts to reach all areas.
- DD. Subcontractor will be required to "tooth-in" block and brick as required by the project specifications.
- EE. Subcontractor shall provide (3) temporary stair towers for a period of one year as indicated on roof access plan. These temporary stair towers shall be maintained and inspected per OSHA regulations throughout the job duration.
- FF. Subcontractor has included in their base bid the following allowances:
 - a. Allowance #1: Exterior brick replacement: Includes 1,000 brick removal and replacement as specified in section 040120 "Maintenance of Unit Masonry, Precast and Limestone."
 - b. Allowance #2: Include 4,500 square feet of brick repointing as specified in section 040120 "Maintenance of Unit Masonry, Precast and Limestone."
 - c. Allowance #3: Include 100 linear feet of exterior precast concrete crack repair specified in section 040120 "Maintenance of Unit Masonry, Precast and Limestone."
 - d. Allowance #4: Include 100 square feet of exterior precast concrete patching and repair as specified in section 040120 "Maintenance of Unit Masonry, Precast and Limestone."
 - e. Allowance #5: Include 100 linear feet of limestone crack repair as specified in section 040120 "Maintenance of Unit Masonry, Precast and Limestone."
 - f. Allowance #6: Include 100 linear feet of limestone patching repair as specified in section 040120 "Maintenance of Unit Masonry, Precast and Limestone."
 - g. Allowance #17: Include 500 square feet of Partition Type 12.
 - h. Allowance #18: Include 2000 square feet of Partition Type 14.
 - i. Allowance #19: Include 4,000 sf of miscellaneous 4" CMU interior wall infills.

END OF DOCUMENT



PROPOSAL FORM – BP 002.2 MASONRY

BID FORM

J. M. WRIGHT TECHNICAL HIGH SCHOOL STATE PROJECT # BI-RT-842-CMR

Directions for Bid Forms

This Bid Form identifies the major type of work required for this Bid Package. The Bidder is to provide pricing as follows:

A. LUMP SUM TOTAL for this Bid Package. A Lump Sum amount is required for each item on this form. The amount is to include labor, material, supervision, tools, supplies, equipment, direct or indirect expenses, overhead, profit, insurance, bonding, and any applicable taxes necessary to perform the full obligations as set forth in this Bid Package.

B. ALLOWANCES. The Allowances are to be incorporated into the selected bidder's Scope of Work. Allowances are to be provided in accordance with specifications section 01 22 00 and as indicated in the subcontractor's scope of work.

C. UNIT PRICING: Unit Prices will be used to add or delete work from the contract sum by change order in the event the project Scope of Work is altered. Each unit price shall include all equipment, tools, operators, fuel, maintenance, mobilization, demobilization, insurance, permits, fees, bond, overhead and profit incidental to the installation and completion of the work involved.

D. ADDENDA CONFIRMATION. This form is acknowledgment of receipt of all applicable addenda. Failure to list all issued addenda will be grounds for disqualifications.

E. BID ITEMS – Bidders are required to submit pricing for each individual bid package. No bidder may withdraw its bid during the bid review period.

F. Bidder unconditionally agrees (if awarded) to all terms and conditions of the Bid Documents, and that failure of Bidder (if awarded) to execute a contract consistent with its bid will subject Bidder to automatic forfeiture of Bidders Bid Security.

G. A checklist for required forms is provided within the bid form. Each line item shall be initialed to confirm receipt and acceptance of each item. All Bid Forms to be signed and dated in the space indicated.

Bid Item A: Lump Sum Base bid

1) Base Bid (including Payment, Performance Bond, Allowances)

(in numbers) \$ _____

(in words) _____
_____ and 00/100 Dollars

2) 100% Labor & Materials Payment & Performance Bond (Breakout)

(in numbers) \$ _____

(in words) _____
_____ and 00/100 Dollars

Section 04 20 00 – Unit Masonry (Information Only)	(Sum of A thru B)	1 _____
	A. Material _____	
	B. Labor _____	
Section 04 97 22 – Cast Stone Masonry	(Sum of C thru D)	2 _____
	C. Material _____	
	D. Labor _____	
Section 07 19 00- Water Repellants	(Sum of E thru F)	3 _____
	E. Material _____	
	F. Labor _____	

BID ITEM B: ALLOWANCES

All Bidders are to note that allowance quantities provided in Section 01 22 00 are to be part of the base bid. The unit costs that are to be provided will reflect additions or reductions to those quantities given. Any allowances not used will be issues as a deduct change order.

Allowance #1: Exterior brick replacement: Includes 1,000 brick removal and replacement as specified in section 040120 "Maintenance of Unit Masonry, Precast and Limestone."

\$ _____

Allowance #2: Include 4,500 square feet of brick repointing as specified in section 040120 "Maintenance of Unit Masonry, Precast and Limestone."

\$ _____

Allowance #3: Include 100 linear feet of exterior precast concrete crack repair specified in section 040120 "Maintenance of Unit Masonry, Precast and Limestone."

\$ _____

Allowance #4: Include 100 square feet of exterior precast concrete patching and repair as specified in section 040120 "Maintenance of Unit Masonry, Precast and Limestone."

\$ _____

Allowance #5: Include 100 linear feet of limestone crack repair as specified in section 040120 "Maintenance of Unit Masonry, Precast and Limestone."

\$ _____

Allowance #6: Include 100 linear feet of limestone patching repair as specified in section 040120 "Maintenance of Unit Masonry, Precast and Limestone."

\$ _____

Allowance #17: Include 500 sf of Partition Type 12

\$ _____

Allowance #18: Include 2,000 sf of Partition Type 14

\$ _____

Allowance #19: Include 4,000 sf of miscellaneous 4" CMU interior wall infills.

\$ _____

Supply and install all required labor and materials to provide all necessary winter conditions for the masonry scope of work.

\$ 25,000

80 hours of forklift operator and equipment as per Scope of Work \$ _____/LS

\$ _____/HR

(2) Laborers for (3) month duration to clean per Scope of Work... \$ _____/LS

\$ _____/HR

**** Quantities will be measured in place. Quantities derived from delivery tickets or invoices will not be accepted**.**

BID ITEM C: UNIT PRICES

Unit Prices shall be used, where applicable, to make adjustments to the cost of the Work due to changes. All Unit Prices submitted shall be complete in-place (unless otherwise noted) and include all costs for overhead, profit, labor, materials, equipment, and any other incidentals related to the completion of the Work, and shall remain firm for the period of the contract. Unit Prices listed are for added work. Deductive unit prices will be calculated at no less than 85% of the additive unit price (100% if used in conjunction with an allowance). Subcontractor shall provide a licensed surveyor to determine elevations of materials associated with earth and rock removal to determine the total area removed and replaced as it relates to unit costs.

CMU Wall Installation.....	\$_____	per SF
Brick Wall Installation.....	\$_____	per SF

BID ITEM D:

BID DOCUMENT CHECK LIST:

Bidder is to provide all documents as listed below with their properly identified bid. Bidder's **initials** are required on all lines of **following listed** items.

- _____ Original and (2) copies of Bid Form **on Bidders Letterhead**
- _____ DAS Qualification/Certification
- _____ Bid Security
- _____ Bidder Qualification Statement
- _____ Non-Collusion Affidavit
- _____ Surety's letter of intent to issue Payment and Performance Bond
- _____ List of bidders primary subcontractors and suppliers (on separate letterhead)

Bidder agrees by execution and submission of this bid that its bid inclusive of Base Bids, Alternates, and Unit Prices is valid and irrevocable for a minimum of (90) calendar days from the bid due date, that the Bidder unconditionally agrees (if awarded) to all terms and conditions of the Bid Documents, and that failure of Bidder (if awarded) to execute a contract consistent with its bid will subject Bidder to automatic forfeiture of Bidder's Bid Security.

By submitting this bid, Bidder acknowledges receipt of the following addenda:

_____	_____	_____
_____	_____	_____

BIDDER:

Name: _____

Address: _____

Telephone # _____ Fax # _____

Typed Name of Officer _____

Signature of Officer _____

Title of Officer _____

Date _____

END OF BID FORM



**PROPOSAL FORM – BP 002.23
HEATING, VENTILATING & AIR CONDITIONING**

BID FORM

**J. M. WRIGHT TECHNICAL HIGH SCHOOL
STATE PROJECT # BI-RT-842-CMR**

Directions for Bid Forms

This Bid Form identifies the major type of work required for this Bid Package. The Bidder is to provide pricing as follows:

A. LUMP SUM TOTAL for this Bid Package. A Lump Sum amount is required for each item on this form. The amount is to include labor, material, supervision, tools, supplies, equipment, direct or indirect expenses, overhead, profit, insurance, bonding, and any applicable taxes necessary to perform the full obligations as set forth in this Bid Package.

B. ALLOWANCES. The Allowances are to be incorporated into the selected bidder's Scope of Work. Allowances are to be provided in accordance with specifications section 01 22 00 and as indicated in the subcontractor's scope of work.

C. UNIT PRICING: Unit Prices will be used to add or delete work from the contract sum by change order in the event the project Scope of Work is altered. Each unit price shall include all equipment, tools, operators, fuel, maintenance, mobilization, demobilization, insurance, permits, fees, bond, overhead and profit incidental to the installation and completion of the work involved.

D. ADDENDA CONFIRMATION. This form is acknowledgment of receipt of all applicable addenda. Failure to list all issued addenda will be grounds for disqualifications.

E. BID ITEMS – Bidders are required to submit pricing for each individual bid package. No bidder may withdraw its bid during the bid review period.

F. Bidder unconditionally agrees (if awarded) to all terms and conditions of the Bid Documents, and that failure of Bidder (if awarded) to execute a contract consistent with its bid will subject Bidder to automatic forfeiture of Bidders Bid Security.

G. A checklist for required forms is provided within the bid form. Each line item shall be initialed to confirm receipt and acceptance of each item. All Bid Forms to be signed and dated in the space indicated.

Bid Item A: Lump Sum Base bid

1) Base Bid (including Payment, Performance Bond, Allowances)

(in numbers) \$ _____

(in words) _____
_____ and 00/100 Dollars

2) 100% Labor & Materials Payment & Performance Bond (Breakout)

(in numbers) \$ _____

(in words) _____
_____ and 00/100 Dollars

Section 083113 – Access Doors and Frames	(Sum of A thru B)	1 _____
A. Material	_____	
B. Labor	_____	
Section 089119 – Fixed Louvers	(Sum of C thru D)	2 _____
C. Material	_____	
D. Labor	_____	
Section 114000 – Food Service Equipment	(Sum of E thru F)	3 _____
E. Material	_____	
F. Labor	_____	
Section 220000 – General Requirements for HVAC Systems	(Sum of G thru H)	4 _____
G. Material	_____	
H. Labor	_____	
Section 230004 -- Coordination with other Trades	(Sum of I thru J)	5 _____
I. Material	_____	
J. Labor	_____	

Section 230500 – Basic HVAC Materials and Methods (Sum of K thru L) 6_____

K. Material _____
L. Labor _____

Section 230513 – Electrical Requirements for HVAC Equipment (Sum of M thru N) 7_____

M. Material _____
N. Labor _____

Section 230516 – Pipe Expansion Fittings and Loops (Sum of O thru P) 8_____

O. Material _____
P. Labor _____

Section 230519 – Meters and Gages (Sum of Q thru R) 9_____

Q. Material _____
R. Labor _____

Section 230523 -- Valves (Sum of S thru T) 10_____

S. Material _____
T. Labor _____

Section 230529 – Hangers, Supports and Anchors (Sum of U thru V) 11_____

U. Material _____
V. Labor _____

Section 230548 – Mechanical Vibration Controls and Seismic Restraints (Sum of W thru X) 12_____

W. Material _____
X. Labor _____

Section 230593 – Testing, Adjusting and Balancing (Sum of Y thru Z) 13_____

Y. Material _____
Z. Labor _____

Section 230700 – Mechanical Insulation (Sum of AA thru BB) 14_____

AA. Material _____
BB. Labor _____

Section 230800 – Commissioning of HVAC (Sum of CC thru DD) 15_____

CC. Material _____
DD. Labor _____

Section 230900 – Control Systems Equipment (Sum of EE thru FF) 16_____

EE. Material _____
FF. Labor _____

Section 230993 – Sequence of Operations (Sum of GG thru HH) 17_____

GG. Material _____
HH. Labor _____

Section 232113 – Hydronic Piping (Sum of II thru JJ) 18_____

II. Material _____
JJ. Labor _____

Section 232116 – Hydronic Specialties (Sum of KK thru LL) 19_____

KK. Material _____
LL. Labor _____

Section 232123 – HVAC pumps (Sum of MM thru NN) 20_____

MM. Material _____
NN. Labor _____

Section 232923 – Variable Frequency Drives for HVAC Motor Controls (Sum of OO thru PP) 21_____

OO. Material _____
PP. Labor _____

Section 233113 – Metal Ducts (Sum of QQ thru RR) 22_____

QQ. Material _____
RR. Labor _____

Section 233300 – Duct Accessories (Sum of SS thru TT) 23_____

SS. Material _____
TT. Labor _____

Section 233400 -- Fans (Sum of UU thru VV) 24_____

UU. Material _____
VV. Labor _____

Section 233513 – Dust Collection Systems (Sum of WW thru XX) 25_____

WW. Material _____
XX. Labor _____

Section 233516 – Carbon Monoxide Exhaust System (Sum of YY thru ZZ) 26_____

YY. Material _____
ZZ. Labor _____

Section 233600 – Air Terminals (Sum of AAA thru BBB) 27_____

AAA. Material _____
BBB. Labor _____

Section 233713 – Diffusers, Registers and Grilles (Sum of CCC thru DDD) 28_____

CCC. Material _____
DDD. Labor _____

Section 235100 – Breaching, Chimneys and Stacks (Sum of EEE thru FFF) 29_____

EEE. Material _____
FFF. Labor _____

Section 235216 – Condensing Boilers (Sum of GGG thru HHH) 30_____

GGG. Material _____
HHH. Labor _____

Section 236413 – Chemical Water Treatment (Sum of III thru JJJ) 31_____

III. Material _____
JJJ. Labor _____

Section 236426 – Rotary Screw Chillers (Sum of KKK thru LLL) 32_____

KKK. Material _____
LLL. Labor _____

Section 237300 – Indoor Air Handling Unit (Sum of MMM thru NNN) 33_____

MMM. Material _____
NNN. Labor _____

Section 237423 – Gas Fired Make Up Air Unit (Sum of OOO thru PPP) 34_____

OOO. Material _____
PPP. Labor _____

Section 237513 – Outdoor Air Handling Unit (Sum of QQQ thru RRR) 35_____

QQQ. Material _____
RRR. Labor _____

Section 238126 – Ductless Split Air Conditioners (Sum of SSS thru TTT) 36_____

SSS. Material _____
TTT. Labor _____

Section 238200 Terminal Units (Sum of UUU thru VVV) 37_____

UUU. Material _____
VVV. Labor _____

Section 238232 – Radiant Heating Panels (Sum of WWW thru XXX) 38_____

WWW. Material _____
XXX. Labor _____

Section 238236 – Finned Tube Radiation (Sum of YYY thru ZZZ) 39_____

YYY. Material _____
ZZZ. Labor _____

BID ITEM B: ALLOWANCES

All Bidders are to note that allowance quantities provided in Section 01 22 00 are to be part of the base bid. The unit costs that are to be provided will reflect additions or reductions to those quantities given. Any allowances not used will be issues as a deduct change order.

N/A

**** Quantities will be measured in place. Quantities derived from delivery tickets or invoices will not be accepted**.**

BID ITEM C: UNIT PRICES

Unit Prices shall be used, where applicable, to make adjustments to the cost of the Work due to changes. All Unit Prices submitted shall be complete in-place (unless otherwise noted) and include all costs for overhead, profit, labor, materials, equipment, and any other incidentals related to the completion of the Work, and shall remain firm for the period of the contract. Unit Prices listed are for added work. Deductive unit prices will be calculated at no less than 85% of the additive unit price (100% if used in conjunction with an allowance). Subcontractor shall provide a licensed surveyor to determine elevations of materials associated with earth and rock removal to determine the total area removed and replaced as it relates to unit costs.

N/A

BID ITEM D:

BID DOCUMENT CHECK LIST:

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By submitting this bid, Bidder acknowledges receipt of the following addenda:

_____	_____	_____
_____	_____	_____

BIDDER:

Name: _____

Address: _____

Telephone # _____ Fax # _____

Typed Name of Officer _____

Signature of Officer _____

Title of Officer _____

Date _____

END OF BID FORM