



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

**ADDENDUM #13
February 22, 2013**

Contents of Addendum #13

- 1) Clarifications to 4.3 Structural Steel Bid Form and Scope of Work as follows.

This Subcontractor shall carry an Allowance of \$75,000.00 for all labor, equipment, materials and consumables to core and/cut penetrations in existing beams for MEP distribution.....\$ 75,000.00

This Subcontractor shall carry an Allowance of \$20,000.00 for all labor, equipment, materials and consumables for masonry anchors, embeds, etc. related to structural steel being encased in masonry.\$ 20,000.00

This Subcontractor shall carry an Allowance of 15,000.00 for all labor, equipment, materials and consumables for steel reinforcing or supplemental members for support of the new curtain wall systems and sun louvers.\$ 15,000.00

End of Addendum 13

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

February 22, 2013

Package # BP-004.3

STRUCTURAL STEEL

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 STRUCTURAL STEEL 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, Division 1 – General Requirements
Division 02 - Existing Conditions, Division 05 Metals, Division 8 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 Sections, Section 02 83 00 Lead Awareness, Section 05 12 00 Structural Steel Framing, Section 05 21 23 Steel Joist Girder Framing, Section 05 31 00 Steel Decking, ~~Section 08 63 00 Engineered Exterior Canopy System.~~

STRUCTURAL STEEL FRAMING

- A. The Structural Steel Subcontractor is responsible for all structural notes on S001 as they relate to structural steel, specifically the structural general notes, structural steel notes, Floor Decking Notes, Steel Joist and Roof Decking Notes, Roof Top Support Equipment Note
- B. The subcontractor to provide all submittals and shop drawings per the specification section 05 12 00, specifically structural steel materials, bolts, connectors and anchors, primer, bituminous coating, fabrication, shop connections, galvanizing and source quality control and 05 31 00 specifically roof deck, acoustical roof deck, composite floor deck, steel form deck and accessories. The submittals are to be submitted by area as to not impede the construction schedule.
- C. The Subcontractor shall meet all requirements as outlined and detailed in the MEP COORDINATION AND BIM MODELING EXHIBIT dated November 8, 2012, attached hereto.
- D. The subcontractor is responsible for the fabrication and installation standards as described in specification section 05 12 00 and 05 21 23
- E. The subcontractor is required to be AISC Certified for both Erection and Fabrication.
- F. Subcontractor shall field verify all existing conditions prior to steel fabrication. Specifically in regards to elevations, locations, ect.

- G. The Structural Steel Subcontractor is responsible to coordinate mechanical openings to include but limited to roof drains, exhaust fans and roof top units. Subcontractor to submit shop drawings indicating proposed locations and modifications to the existing deck and structure. Structural subcontractor is required to supply and install all required support framing for all openings in deck.
- H. The subcontractor shall be required to coordinate all work with all other Trades.
- I. The subcontractor shall verify all existing measurements indicated on the drawings in the field.
- J. It will be the subcontractor's responsibility to remove from the site any damaged, rejected, surplus or unusable items that will not fit into its onsite dumpsters. If Subcontractor's waste material is considered hazardous waste, it will be the responsibility of this Subcontractor to remove this material from the site and dispose of all hazardous waste materials as required by all applicable regulatory agencies.
- K. The subcontractor will be required to store materials off-site or in designated area coordinated with the Construction Managers Superintendent. Storage of materials and/or equipment in the building will not be allowed.
- L. The subcontractor shall furnish and install all miscellaneous structural steel equipment, including cranes, rigging, bracing, safety, and miscellaneous welding supplies per plans and specifications and all contract drawings as needed to complete the structural steel work.
- M. The subcontractor to furnish all anchor bolts and leveling plates. Anchor and leveling plates install by others.
- N. The subcontractor to furnish all bearing plates in masonry walls as shown on the contract drawings and coordinate the installation with the masonry contractor.
- ~~O. The subcontractor to furnish all labor, material and equipment for the installation of masonry anchors to all new structural steel members and to existing structural Steel Members being encased in Masonry.~~
- O. This Subcontractor shall carry an Allowance of \$20,000.00 for all labor, equipment, materials and consumables for masonry anchors, embeds, etc. related to structural steel being encased in masonry.
- P. The subcontractor shall furnish all labor, material and equipment for the reinforcement of existing columns as shown on the construction documents.
- Q. The subcontractor shall furnish all labor, material and equipment for stiffeners on existing steel beams.
- R. The subcontractor shall furnish all labor, material and equipment for the reinforcing of existing joists as shown on the contract drawings.
- S. The Structural Steel Subcontractor shall furnish and install all structural steel beams and girders, braced and moment resistant frames, permanent diagonal bracing, posts and columns, checkered plate, and frames for openings, miscellaneous angles, angle ledgers, channels, clip angles, continuous angles, stiffeners, bent plates and plates including all bolts and welding as required for the complete installation of the work. The subcontractor shall furnish all the necessary shoring and bracing required to execute the installation of its work. Where required, designs shall be provided by an engineer registered in the State of Connecticut.
- T. The subcontractor shall furnish all labor, material and equipment to install RTU steel dunnage as shown on the construction documents.

- U. The subcontractor shall furnish and install all structural steel components involved with the screen walls located on the roof, including the installation of the base plates and connections.
- V. The subcontractor shall furnish all labor material and equipment to install the hoist beam at the elevator if required.
- W. The subcontractor shall furnish and install all temporary wire safety railings (per OSHA standards) throughout the Sections of A-1 and A-2 of the project at the roof portion. Subcontractor shall also provide two gates at every level including the roof within this safety railing so that materials can be loaded onto the second floor.
- ~~X. The subcontractor shall provide labor and materials and equipment for structural requirements or reinforcing for Curtain walls and Sunshades.~~
- X. This Subcontractor shall carry an Allowance of \$15,000.00 for all labor, equipment, materials and consumables for steel reinforcing or supplemental members for support of the new curtain wall systems and sun louvers.
- Y. The subcontractor shall provide all labor, material and equipment for the removal of joists and beams, lintels in coordination of installation of new steel members.
- Z. The subcontractor shall furnish all labor, material and equipment for AESS. All AESS to be placed shall follow the standards listed in the contract documents. The Subcontractor will be responsible for all on-site repairs, if needed, to meet the AESS standards that apply to this project.
- AA. All structural plates and shapes directly in contact with exterior block or block masonry must be galvanized.
- ~~BB. The subcontractor shall furnish all shop and field drilling, punching and cutting for all mechanical, electrical and other trades.~~
- BB. This Subcontractor shall carry an Allowance of \$75,000.00 for all labor, equipment, materials and consumables to core and/cut penetrations in existing beams for MEP distribution.
- CC. The subcontractor shall furnish shop painting and field touch-ups of all steel, except anchor bolts and steel to be encased in concrete.

METAL DECKING

- A. The subcontractor shall be responsible for painting of all metal deck welds.
- B. The subcontractor shall furnish and install all composite form decking to include all required shear connectors and metal closures to prevent concrete leakage.
- C. The subcontractor shall furnish and install all metal roofs decking to include metal closure strips.
- D. Subcontractor has included in their base bid the following allowances:
 - a. Allowance #12: Include 8,000 square feet of removal and replacement of existing metal **ROOF** decking.

ENGINEERED EXTERIOR CANOPY SYSTEM

- ~~A. The subcontractor is to submit shop drawings for engineered exterior canopy system within 30 days of project award. Submittals are to be stamped and signed by a licensed engineer within the State of Connecticut.~~

- ~~B. The subcontractor shall provide engineered exterior canopy system as detailed in the project specification section 08-63-00. Translucent panel system is to be provided by others.~~
- ~~C. The subcontractor to provide final cleaning of structural members of engineered exterior canopy system prior to acceptance by the Construction Manager.~~

END OF DOCUMENT



PROPOSAL FORM – BP 004.3 STRUCTURAL STEEL

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. **ALTERNATES.** Bidder is to provide a LUMP SUM price for EACH of the following Alternates, but do not include in the LUMP SUM TOTAL. If no cost, please indicate with "NC":

E. **BID DOCUMENT CHECKLIST AND ADDENDA CONFIRMATION.** 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. Also included is an addenda confirmation. This form is acknowledgment of receipt of all applicable addenda. Failure to list all issued addenda will be grounds for disqualifications.

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

G. 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.

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 05 12 00 – Structural Steel Framing	(Sum of A thru B)	1 _____
A. Material	_____	
B. Labor	_____	

Section 05 21 23 - Steel Joist Girder Framing	(Sum of C thru D)	2 _____
C. Material	_____	
D. Labor	_____	

Section 05 31 00 – Steel Decking	(Sum of E thru F)	3 _____
E. Material	_____	
F. Labor	_____	

Section 08 63 00 – Engineered Exterior Canopy System	(Sum of G thru H)	4 _____
	G. Material	_____
	H. 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 #12: Include 8,000 square feet of removal and replacement of existing metal **ROOF** decking.....\$_____

This Subcontractor shall carry an Allowance of \$75,000.00 for all labor, equipment, materials and consumables to core and/cut penetrations in existing beams for MEP distribution.....\$ 75,000.00

This Subcontractor shall carry an Allowance of \$20,000.00 for all labor, equipment, materials and consumables for masonry anchors, embeds, etc. related to structural steel being encased in masonry.\$ 20,000.00

This Subcontractor shall carry an Allowance of 15,000.00 for all labor, equipment, materials and consumables for steel reinforcing or supplemental members for support of the new curtain wall systems and sun louvers.\$ 15,000.00

**** 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.

Structural Steel Erection.....	\$ _____	per TN
Roof Decking Installation.....	\$ _____	per SF

BID ITEM D: ALTERNATES

Bidder is to provide a LUMP SUM price for EACH of the following Alternates, but do not include in the LUMP SUM TOTAL above. If no cost, please indicate with "NC":

Alternate #1: _____ Lump Sum Total: _____
Removal of premium cost to complete project with SBE/MBE requirements

~~Alternate #2: _____ Lump Sum Total: _____
Voluntary deduct for combination of structural steel package with miscellaneous metals package.
Subcontractor shall include with its bid a copy of the miscellaneous metals bid form.~~

BID ITEM E:

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