

ADDENDUM NO.: 7
 DATE OF CMR ADDENDUM: 1/10/13

**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 #7
January 10, 2013**

Contents of Addendum #7

- 1) Revised Scopes of Work and Bid forms for the following trades:
 - a) **Bid Package 2.1 Cast-in-Place Concrete**
 - i. Allowances added per Section 012200
 - b) **Bid Package 2.7 Joint Sealants**
 - i. Scope modifications to remove section 07 19 00 Water Repellents
 - c) **Bid Package 2.21 Fire Suppression**
 - i. Allowance added per Section 012200
 - d) **Bid Package 2.24 Electrical**
 - i. Allowances added per Section 012200
 - e) **Bid Package 2.25 General Trades**
 - i. Added scope of work for Fixed Audience Seating per section 126100
- 2) The Fixed Audience Seating bid package 2.5b has been deleted and the scope of work has been included in the General Trades bid package 2.25.
- 3) Modification to specification sections
 - a) Spec 096466 Wood Athletic Flooring: 25/32" finish maple layer thickness acceptable
 - b) Spec 096466 Wood Athletic Flooring: Contractor shall verify depth of slab differential to determine required thickness of Cementitious Underlayment
 - c) Drawing G-002: Gym Vestibule A155: The 2-hr roof/clng assembly has been removed. It must be reinstalled per indicated UL# to achieve code compliance
- 4) **Revised Invitation to Bidders dated 1/10/13 changing the bid date for all packages except for the Demolition and Abatement package from January 16, 2013 to January 23, 2013.**
- 5) Submittal Clarification – All specified manufactures are allowable provided the performance criteria are equal or greater to the basis of design.

End of Addendum 7



Invitation to Bid

Project Title: **RENOVATIONS and ADDITIONS to
J.M. WRIGHT TECHNICAL HIGH SCHOOL
120 BRIDGE STREET, STAMFORD, CT**

Project Number: **State Project No. BI-RT-842**

1. Sealed bids for the bid packages listed below addressed to Craig R. Ortola, Project Manager, KBE Building Corporation, 30 Batterson Park Road, Farmington, CT 06032 will be received until 2:00 pm local time on **Wednesday, January 23, 2013**. All bids will be opened publicly and read aloud shortly thereafter. Specific questions regarding bidding procedures, project scope and site visits may be directed in writing to Craig R. Ortola at jmwbid@kbebuilding.com

Bid Package Number and Name:

Bid Package

- BP-002.1 Cast in Place Concrete
- BP-002.2 Masonry
- BP-002.3 Structural Steel
- BP-002.4 Rough Carpentry
- BP-002.5 Architectural Millwork
- BP-002.5a Laboratory Fume Hoods & Wood Laboratory Casework
- BP-002.6 Roofing
- BP-002.7 Joint Sealants and Waterproofing
- BP-002.8 Doors, Frames and Hardware (Furnish Only)
- BP-002.9 Overhead Doors and Grilles
- BP-002.10 Glass and Glazing
- BP-002.11 Acoustical Panel Ceilings
- BP-002.12 Wood Flooring
- BP-002.13 Athletic Flooring
- BP-002.14 Ceramic Tile and Quarry Tile
- BP-002.15 Resinous Flooring
- BP-002.16 Terrazzo Flooring
- BP-002.17 Painting
- BP-002.18 Food Service Equipment
- BP-002.21 Fire Suppression
- BP-002.22 Plumbing
- BP-002.23 HVAC

END OF DOCUMENT



BP-002.24 Electrical
BP-002.25 General Trades

PROPOSED MBE/WBE BID PACKAGES

BP-002.26 Miscellaneous Metals
BP-002.27 Firestopping
BP-002.29 Resilient Flooring
BP-002.30 Tile Carpeting
BP-002.31 Linoleum Flooring
BP-002.32 Lightning Protection
BP-002.33 Final Cleaning
BP-002.34 Doors, Frames & Hardware (Install Only)

DAS Prequalification required: Yes – for all bid packages

Set-Aside Requirements:

- a. Bidders shall be responsible to award not less than 30% of the cost of construction to subcontractors that are certified and eligible to participate under the State of Connecticut Set Aside Program for small, minority and women owned business enterprises including 10% that must be awarded to certified and eligible minority/women owned enterprises, in accordance with Connecticut General Statutes section 4a-60g through 4a-60j. This requirement must be met even if Bidder s certified and eligible to participate in the Small Business Set-Aside Program. Subcontractors shall draft and submit for approval an affirmative action plan in accordance with the rules and regulations of the Connecticut Human Rights and Opportunities Commission ("CHRO"). The affirmative action plan must be approved by the CHRO as a condition precedent to approval of the subcontractor's contract.

b. S/MBE Resources

- i. **The Business Resource Center (BRC)** – <http://www.brcct.com>
The BRC is a comprehensive, ONE-STOP Services Center that provides quick and easy access to professional consultation, resource materials, and, action-oriented training (OSHA, certified payrolls, schedules, billings, estimating, etc.), in the skills/techniques needed to grow business in the Greater Hartford area. The Business Resource Center, in addition to its focus on developing small businesses, operates a Minority Business Enterprise Assistance Program which has a specific focus on the development of minority construction firms in Connecticut, including assistance with the capacity to qualify for bonding (bid, performance and payment). For additional information please contact Kim Hawkins, Director, Business Resource Center at (860) 527-1100 or email her at khawkins@brcct.com

END OF DOCUMENT



ii. **The Hartford Economic Development Corporation & The Greater Hartford Business Development Center, Inc. (HEDCo & GHBC) –**

<http://www.hedco-ghbdc.com>

HEDCo is a 501 (c 3) Community Development Financial Institution (CDFI) and a Small Business Administration Certified Micro Lender. The agency has been in operation since 1975 and serves the 169 cities and towns in Connecticut, especially small business within the City of Hartford, to help them develop business plans, acquire financing and achieve sustained successful growth. .

- c. Bidders are to take note of the CHRO form (see attached "Set-Aside Plan Format") that is a requirement to be completed by the successful qualified bidder. Bidders shall note that if they are not familiar with the preparation and submission of this form, they should retain the services of a Consultant to help them through the preparation and submission process.

2. Bidder Prequalification and Security

- a. For work to be performed with an estimated value in excess of Five Hundred Thousand Dollars (\$500,000.00), the subcontractor shall be prequalified in the State of Connecticut Department of Administrative Services classification noted on the pertinent Invitation to Bid on or before the date that the bid is awarded;
- b. The bid shall be accompanied by a bid bond or certified check in an amount which shall be Ten Percent (10%) of any bid for work with an amount value of at least Fifty Thousand Dollars (\$50,000.00). If the bidder is a small contractor or minority business enterprise pursuant to Connecticut General Statutes Section 4a-60g and further described in Appendix I to this agreement "Administrative and Statutory Requirements" ("Appendix I"), it may provide in lieu of a bid bond, a letter of credit in an amount equal to Ten Percent (10%) of the bid amount if the estimated value is less than one hundred thousand dollars and in an amount equal to Twenty-Five Percent (25%) of the bid amount, if the estimated value is one hundred thousand dollars or greater, and
- c. The bidder shall possess experience with projects of a similar nature and scope.

3. Bid packages will be available on Wednesday, December 12, 2012.

4. Bid documents will be available for electronic viewing and download on iSqFt - a web-based virtual plan room provided by and will be available by request only. Interested participants may request bid packages by email to jmwbid@kbebuilding.com, by fax to (860) 284-7836 or by telephone to (860) 284-7436 (project specific voice message & Fax lines). Bid documents will also be available via the following ftp website: [ftp.kbebuilding.com](ftp://kbebuilding.com) Username: **JMWrightHS** and Password: **6w6dwi**. To secure hard copies of bid documents at bidder's expense, contact BL Graphics at (203) 630-2671 or email tgallagher@blcompanies.com Documents will also be available for review at KBE's office located at 30 Batterson Park Road, Farmington, CT 06032.

END OF DOCUMENT



All document clarification requests or Bid questions (RFI's) must be submitted in writing to the **CONSTRUCTION MANAGER ONLY** via fax (860) 284-7836 or email (jmwbid@kbebuilding.com), Attention: Craig R. Ortola. **Telephone inquiries will not be acknowledged during the bidding process. Bidders are to communicate solely with Construction Manager in relation to the Project and the bidding process.** Answers received directly from Owner, Architect or Engineers will not be binding on Construction Manager. **All questions must be submitted no later than December 28, 2012.**

5. **All Bidders are to note that DAS certification date MUST run through the duration of the project.**
6. This project is being performed under the Construction Management at Risk (CMR) form of construction. Each Trade Contractor's contract shall be with the Construction Manager. The Owner has contracted with KBE Building Corporation to serve as the CMR
7. No oral, telephone or telegraphic proposals will be considered. All bids shall stand available for acceptance for a period of ninety (90) days from the date proposals are received.
8. No bid shall be accepted from any person/company who is in arrears to the Owner and/or Construction Manager upon debt, or contract, or who is a defaulter as surety or otherwise upon obligations to the Owner and/or Construction Manager.
9. The Construction Manager reserves the right to reject any or all bids, without stating reasons therefore, including without limitation the right to reject any or all nonconforming, non-responsive, unbalanced, or conditional bids and to reject the bid of any bidder if the Construction Manager believes that it would not be in the best interest of the Owner or the project to make an award to that bidder, whether because the bid is not responsive or the bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the Construction Manager. The Construction Manager reserves the right to waive informalities and to negotiate contract terms with one or more bidders without reopening the bidding process in so far such negotiations are not violative of applicable competitive bidders statutes or law. In evaluating bids, the Construction Manager will consider the qualifications of the bidder, whether or not the bids comply with the prescribed requirements, and such alternates, unit prices, and other data, as may be requested in the Form of Bid or prior to Notice of Award. The Construction Manager may consider the qualification and experience of subcontractors and other persons and organizations proposed for those portions of the work as to which the identity of subcontractors and other persons and organizations must be submitted as provided by the bid documents. The Construction Manager reserves the right to require, prior to Notice of Award, a statement of facts in detail of the business and technical organization and plant of the bidder available for the contemplated work, including financial resources, present commitments, and experience of the bidder in performance of comparable work. Construction Manager recommended trade contractors are subject to DCS approval.
10. KBE Building Corporation is an Affirmative Action Equal Opportunity Employer M/F/H/V.

END OF DOCUMENT

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

January 9, 2013

Package # BP-002.1

Cast-In-Place Concrete

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.

Furnish all labor, materials, supervision, tools, supplies equipment, insurance, permits and services necessary for a **COMPLETE CAST-IN-PLACE CONCRETE 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 00 – Procurement and Contracting Requirements, Division 01- General Requirements; Division 03 Concrete and all applicable specification sections pertinent to scope of work. Including but not limited to the following sections; 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, 03 30 00 Cast In Place Concrete

General Requirements

- A. All **CONCRETE**, including labor and materials, shown on the drawings and in the specifications, which is not specifically called out for as work by others is the responsibility of this Subcontractor.
- B. The subcontractor shall be responsible for the condition of the site and building in their charge. **They shall provide their own dumpsters for OFF-SITE removal of all extra concrete and wash-out generated by their work.** They are required to clean their work area on a daily basis and removal all rubbish and debris resulting from their work. They shall protect adjacent work and materials from soiling or damage as well as their own. Upon completion of all **CONCRETE**, the Subcontractor shall remove all equipment, debris, dumpsters, and surplus materials generated by their work. Subcontractor to submit monthly LEED reports for dumpsters.
- C. The subcontractor shall be required to coordinate all work with other Subcontractors and the Construction Manager.
- D. The subcontractor shall include in its bid all costs required to provide any and all required winter protection for its work, including temporary enclosures.
- E. The subcontractor to provide means of conveyance including but not limited to all lifts, cranes, staging, pumping and hoisting required for this scope of work.
- F. The subcontractor shall schedule, receive, inspect, inventory, store, rig and install all equipment and materials that are supplied by others. Quantities to be verified at the time of delivery for correctness with any discrepancies reported to the Construction Manager

- immediately and prior to the start of any work. Once work has commenced, Subcontractor shall be responsible for all material in their charge.
- G. This Subcontractor shall exercise care to protect existing conditions. Repair or replace, at the Construction Managers and Owner's discretion, any damage caused by this subcontractors work, to the satisfaction of CM and the Owner of the item damaged. All costs associated with replacing damaged or rejected work is to be by responsible subcontractor.
 - H. All other layout required for this 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 their Work. Include all required or necessary field measurements.
 - I. Flag-person(s) will be provided by this Subcontractor when entering or exiting the site, when staging from the street, or as necessary for the work of this Subcontractor. Certified flag-person(s) required when staging deliveries on any adjacent streets.
 - J. All rigging, supplemental steel and any miscellaneous supports required to hoist and set materials required for this scope of work and/or equipment will be provided by this Subcontractor. See Notice to Bidders Item # 25.
 - K. This Subcontractor shall provide and install all fire stopping as required for this scope of work for through floors, walls, roof and / or as required.
 - L. This Subcontractor shall be responsible to provide any repairs to both the installed spray-on Waterproofing and / or thermal Insulation for removal or damages caused by this scope of work.
 - M. Construction Manager will provide, through separate contract, (2) benchmark elevations (controls). Subcontractor is responsible for all other layout as required to perform their work See Notice to Bidders Item # 16.
 - N. It will be this Subcontractor's responsibility to remove from the site any damaged, rejected, surplus or unusable items that will not fit into their 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.

CONCRETE FOUNDATIONS AND FLAT WORK

- A. The concrete subcontractor to supply all concrete materials for scope of work.
- B. Subcontractor shall provide all surveying for this scope of work. This includes any and all off sets, building corners, locations for steps in footings, grade beams, brick shelf elevations, tops of wall elevations, etc. (2) bench mark and control will be provided by others.
- C. Concrete Subcontractor to supply and install all reinforcing steel including all bars, dowels, mesh, chairs, ties, accessories, etc. as noted and required for all reinforced concrete work and wall and slab patching as shown or required.
- D. Subcontractor shall provide all shop drawings related to this scope of work. Any formwork shop drawings requiring the seal of a professional engineer registered in the State of Connecticut shall be the responsibility of the concrete subcontractor.
- E. Furnish & install footings, walls, grade beams, columns, beams, piers, slabs, slabs on deck, roof slabs, stairs, stair pan in-fills, ramps, locker bases, elevator pit modifications,

- foundation wall infill and patching formwork and all work directly related to concrete foundation & flat work.
- F. Subcontractor is responsible for the concrete footing and Piers shown in the boiler room.
 - G. Provide labor, materials and equipment required to in-fill of slab on deck around penetrations and abandon penetrations. This includes support materials, reinforcing and concrete.
 - H. Provide all materials, labor and equipment required to perform in-fills at walk-in freezer and cooler equipment and thermal break & insulation.
 - I. Concrete Subcontractor must employ a registered surveyor to complete a separate anchor bolt & leveling plate survey for contract work. Any anchor bolts needing correction or costs associated with structural steel corrections shall be the responsibility of this Subcontractor.
 - J. Install all embedded steel, anchor bolts, and leveling plates, elevator sills provided by others.
 - K. Furnish and install all admixtures, inserts for connections to steel members, dovetails, water stops, flashing, reglets, and similar items in conjunction with concrete work. All shall be installed in accordance with manufacturer's specifications. Subcontractor responsible for coordination with other trades for locations of inserts and sleeves.
 - L. Furnish and install all non-shrink grout required to install all leveling plates and miscellaneous embedded items.
 - M. Concrete Subcontractor shall form, place, and finish all concrete associated with new slab work, all mechanical, plumbing, electrical equipment bases, isolation curbs, housekeeping pads and other miscellaneous details as shown on the drawings.
 - N. All foundation and slab finish shall meet or exceed all requirements of FF & FL requirements listed in the contract documents. All exposed walls to be rubbed or parged as required. All slabs to be finished as specified to accept various flooring material. All walls new or existing to be cleaned if not protected from any splashing of concrete from slab pours.
 - O. Furnish and install all saw cutting of control joints as required by the contract documents.
 - P. Furnish and install all bulkheads, forming needed for any expansion joint detail required in or thru Concrete coordinate with Expansion Joint Subcontractor.
 - Q. Concrete Subcontractor shall provide all labor and materials as required to provide a continuous keyed joints in all walls, footings and slabs as required by the contract documents.
 - R. Concrete Subcontractor to furnish and install, finish, concrete in-fills at each level of the building at all building underground plumbing, electrical utilities, penetrations including existing cut and cap areas, new or existing abandon penetrations.
 - S. Concrete Subcontractor to furnish, install and maintain all material required for curing methodologies as required within the contract documents. Concrete Subcontractor shall "wet cure" concrete where required. This includes all blankets, paper, hoses, etc, Temporary water provided by others. Upon completion of curing process remove all blankets, paper, hoses, etc. and dispose of properly.
 - T. Subcontractor to furnish and install all concrete sealers on new and existing concrete slabs as required by the contract documents. Prior to concrete sealer installation, this subcontractor is to professionally clean concrete slab as required and per the direction of the Construction Manager.
 - U. Concrete Subcontractor shall furnish and install any and all pour stops as required to complete scope of work including any and all stops required around penetrations through

- slab on grade or slab on deck. All labor and material required for stops is the responsibility of this subcontractor.
- V. Concrete Subcontractor shall furnish and install all walks and ramps which are within the building footprint.
 - W. The Concrete Subcontractor is responsible to provide and maintain any and all required weather protection for its scope of work. All weather protection or additives shall meet the requirement of the ACI's Cold /Hot weather concreting specifications. This includes using ice, misting or fogging equipment during the summer months.
 - X. Concrete Subcontractor shall include in its bid all costs to furnish, install and maintain guardrails and fall protection where required in accordance with Subpart M of the OSHA Construction Standards or at the direction of the Construction Manager's Superintendent for this scope of work.
 - Y. Concrete Subcontractor shall furnish and install all Concrete Accessories and Concrete related materials including but not limited to all reglets including stainless steel reglets as specified, all vapor barriers, retarders of the listed manufacturers, non-shrink grout, non-metallic grout, high flow grout, liquid hardener, non-slip aggregate finish, water-stop, bonding materials, anchors & fasteners as required, and any and all other incidentals shown on the contract documents and required to complete concrete scope of work.
 - Z. Concrete subcontractor shall set all trench drains as shown inside the building footprint and coordinate with plumbing subcontractor.
 - AA. Concrete subcontractor to strictly adhere to specification requirements for all types of form use for all exposed concrete finishes.
 - BB. Subcontractor to supply all of his own generators if required and fuel for generators to complete entire scope of concrete work.
 - CC. No curing compound or other substances that may adversely affect adhesion or bonding will be used or applied in areas where sealers, flash patching, setting beds, tile or other subsequent finishes requiring such adhesion or bonding as per manufactures specifications. Where bonding adhesive is required Subcontractor to furnish and install.
 - DD. Subcontractor to supply and install all concrete fill for interior pipe bollards located within the entire building.
 - EE. Provide mud mats at footings, where required, or needed for the work of this Subcontractor.
 - FF. Subcontractor to include chamfering of corners for exposed columns, beams and drops as shown or required.
 - GG. Subcontractor to form entrance mat depressions at the building entries. In-fills and setting of new frames and mats by others.
 - HH. Subcontractor has included in their base bid the following allowances:
 - a. Allowance #9: Include 125,000 square feet of shot blasting of new and existing interior concrete slabs as specified 03 01 30 "Maintenance of Cast-in-Place Concrete."
 - b. Allowance #10: Include 85,000 square feet of hydraulic cement underlayment as specified in section 035416 "Hydraulic Cement Underlayment."

END OF DOCUMENT



PROPOSAL FORM – BP 002.1 CAST IN PLACE CONCRETE

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 03 30 00 – Cast In Place Concrete	(Sum of A thru B)	1 _____
A. Material	_____	
B. 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 #9: Include 125,000 square feet of shot blasting of
new and existing interior concrete slabs as specified 03 01 30
Maintenance of Cast-in-Place Concrete.....\$_____

Allowance #10: Include 85,000 square feet of hydraulic cement
Underlayment as specified in section 035416 Hydraulic
Cement Underlayment.....\$_____

**** 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.

Supply and install concrete walls.....	\$_____	per YD
Supply and install concrete slabs.....	\$_____	per SF
Supply and Install re-bar.....	\$_____	per Ton

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 9, 2013

Package # BP-002.7

JOINT SEALANTS AND WATERPROOFING**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 **JOINT SEALANTS AND WATERPROOFING** 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 00 Division 0 – Procurement and Contracting Requirements Division 1 – General Requirements; and Division 07 Thermal and Moisture Protection 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 07 14 13 Hot Fluid Applied rubberized Asphalt Waterproofing, ~~Section 07 19 00 Water Repellents~~, Section 07 27 26 – Fluid Applied Membrane Air Barriers & Section 07 92 00 – Joint Sealants.

Joint Sealants & Waterproofing

- A. The Subcontractor shall furnish and install a joint sealants mock-up of assemblies specified within the Contract Document.
- B. Subcontractor shall furnish and install all joint sealants including all backer rod, tape, primer, cleaners and all other incidentals and accessories for all joints including but not limited to the following locations:
 - a) Construction Joints in cast-in-place concrete.
 - b) Control joints in unit masonry.
 - c) All joints in exterior finish systems.
 - d) All joints between all metal panels.
 - e) All Joints between all dissimilar exterior materials.
 - f) Isolation and contraction joints in cast-in-place concrete slabs.
 - g) All door frames and louvers.
 - h) Control joints in ceilings and other overhead surfaces.
 - i) Caulking between stair stringers and walls.
 - j) Control joints on exposed interior surfaces of exterior walls.
 - k) Perimeter joints of all exterior openings.
 - l) Floor tile control and expansion joints as required.

- m) Vertical joints on exposed surfaces of all interior unit masonry and concrete walls and partitions.
 - n) Joints between plumbing fixtures and adjoining walls, floors, and counters.
 - o) Control and expansion joints in tile flooring.
- C. Subcontractor to provide joint sealants that establish and maintain watertight and airtight continuous joint seals without staining or deteriorating joint substrates or adjacent surfaces.
 - D. Subcontractor responsible to fully prepare each surface prior to performing scope of work to assure proper adhesion.
 - E. Subcontractor is responsible to furnish and install all hot fluid-applied rubberized asphalt waterproofing as shown on the Contract Documents.
 - F. Subcontractor is responsible to furnish and install all fluid applied membrane air barriers.

END OF DOCUMENT



PROPOSAL FORM – BP 002.7 JOINT SEALANTS & WATERPROOFING

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 071413 – Hot Fluid Applied rubberized asphalt waterproofing

(Sum of A thru B) 1 _____

A. Material _____
B. Labor _____

Section 071900 – Water Repellents _____ (Sum of C thru D) 2 _____

_____ C. Material _____
D. Labor _____

Section 072726 – Fluid Applied Membrane Air Barriers (Sum of E thru F) 3 _____

E. Material _____
F. Labor _____

Section 079200 – Joint Sealants (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.

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:

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 9, 2013

Package # BP-002.21

FIRE SUPPRESSION SYSTEMS

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.

Furnish all labor, materials, supervision, tools, supplies equipment, insurance, permits and services necessary for a complete **FIRE SUPPRESSION SYSTEMS** 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 8 – Access Doors and Frames, Division 11 - Food Service Equipment (Trade Reference for Coordination Only), 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 08 31 13 Access Doors and Frames (provide only), Section 11 40 00 Food Service Equipment (Trade Reference for Coordination and Connections Only), Section 21 00 00 General requirements for Fire Protection Systems, Section 21 00 04 Coordination with Other Trades, Section 21 05 0 Basic Fire Protection Materials and Methods, Section 21 05 13 Electrical Requirements for Mechanical Equipment, Section 21 05 29 Hangers, Supports and Anchors, Section 21 13 13 Wet-Pipe Sprinkler Systems, Section 21 23 00 FM-200 Total Flooding Fire Suppression System Performance Specifications.

General Requirements

- A. Subcontractor to furnish all labor, material and equipment for coring in existing walls. If subcontractor does not coordinate sleeves during the construction of new walls, subcontractor will perform coring at no additional costs.
- B. Subcontractor to furnish all labor, material and equipment for all link seals in penetrations below grade.
- C. Subcontractor shall provide testing and certification data for all materials provided under this contract

- D. All layouts 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.
- E. Subcontractor is responsible in performing their work to provide all scaffolding, staging, ladders and or safety measures to meet or exceed regulatory requirements including identification of the competent person for the erection and use of the same.
- F. Subcontractor is responsible to provide his own job offices with power and telephone, storage containers, tool boxes and etc.
- G. Subcontractor shall provide all equipment, labor, and materials necessary to facilitate control of dust on site and within the building proper.
- H. Subcontractor shall meet all requirements as outlined and detailed in the MEP COORDINATION AND BIM MODELING EXHIBIT dated November 8, 2012 attached hereto.

FIRE SUPPRESSION SYSTEMS

- A. Subcontractor shall furnish all labor, materials, supervision, hoisting, tools, supplies, equipment, insurance, permits, all applicable sales and use taxes, and all other things necessary to perform the COMPLETE Fire Protection SCOPE OF WORK as shown in the Contract Documents and as described herein and as specified.
- B. All Fire Protection Systems on the drawings and in the specifications, which is not specifically called out for as work by others, even if in specification sections other than sections listed above, is the responsibility of the Subcontractor.
- C. Subcontractor is required to submit a man loaded two-week look-ahead schedule each week and attend weekly mandatory job meetings.
- D. Subcontractor has expressly assumed the risk of the cost increases and the effects of shortages or lack of availability of materials, energy, goods and labor, and neither this subcontract amount nor the schedule for performance and completion of the Work shall be subject to adjustment should any of these risks arise.
- E. Subcontractor will coordinate size and location of all required concrete housekeeping pads. Provide shop drawings for all concrete housekeeping pads identifying size and dimensioned location for all concrete housekeeping pads within 4 weeks of subcontract award. Include all shims, anchors, vibration isolation and grouting. Housekeeping pads will be provided and installed by the concrete subcontractor.
- F. Fire Protection Subcontractor shall furnish and install all components and infrastructure (Pipe, valves, backflow preventers, concealed sprinkler heads, upright and sidewall heads, tamper switches, flow switches, pressure gauges, fire department connections, inspector test connectors, escutcheons, spare head kit hangers and supports) for Fire Protection systems as shown on the contract documents.
- G. Fire Protection Subcontractor acknowledges the design documents (drawings and Specifications) are diagrammatic in nature. Fire Protection (Sprinkler) Subcontractor is responsible for hydraulically designing, furnishing and installing complete code compliant systems in accordance with NFPA 13, Connecticut State Building Code and The Connecticut State Fire Safety Code.
- H. Fire Protection Subcontractor shall provide engineered stamped hydraulically calculated shop drawings. The Fire Protection Subcontractor shall obtain approval of the system from the Engineer, Local Fire Department and the Owner's Insurance Carrier. Any work deemed

necessary to obtain approval shall be provided by the Fire Protection Subcontractor at no additional cost. Sprinkler system shall be designed by hazard classification.

- I. The Fire Protection Subcontractor shall be responsible to connect to the underground service from a point five (5) feet outside of the building. The underground pipe up to five (5) feet out will have been installed and tested by others. Fire Protection Subcontractor shall be responsible to test the section of underground pipe up to inside flange.
- J. Fire Protection Subcontractor shall furnish and install all hangers, supports, vibration and seismic restrains as required by the contract documents and national and local codes.
- K. Fire Protection Subcontractor shall coordinate with local and state authorities having jurisdiction for all flow tests and inspections. Coordination with electrical subcontractor shall also be required when testing and adjusting tamper and flow switches and their respective alarm activation setting upon water flow detection during testing and inspections.
- L. Fire Protection Subcontractor shall be responsible at no additional cost to provide any fire watches deemed necessary during draining and refilling of the systems.
- M. Fire Protection Subcontractor shall furnish all required access panels for installation by others.
- N. Fire Protection Subcontractor shall identify any errors and/or omissions in the drawings, specifications and bid documents and inform the Construction Manager during the bidding process.
- O. Fire Protection Subcontractor shall furnish and install all required connections to equipment as shown on matrix within EQ drawings. Subcontractor shall also make all final connection to Laboratory Case Hoods and Fume Hoods.
- P. Subcontractor has included in their base bid the following allowances:
 - a. Allowance #20: Include 25 sprinkler heads, all hazard types, including up to 10 linear feet of blank piping, connected to fire protection system.

END OF DOCUMENT



PROPOSAL FORM – BP 002.21 FIRE SUPPRESSION

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 114000 – Food Service Equipment (Sum of C thru D) 2 _____

C. Material _____
D. Labor _____

Section 210000 – General requirements for Fire Protection Systems (Sum of E thru F) 3 _____

E. Material _____
F. Labor _____

Section 210004 – Coordination with other trades (Sum of G thru H) 4 _____

G. Material _____
H. Labor _____

Section 210500 – Basic Fire Protection Materials and Methods (Sum of I thru J) 5 _____

I. Material _____
J. Labor _____

Section 210513 – Electrical requirements for Mechanical Equipment

6_____

K. Material _____
L. Labor _____

Section 210529 – Hangers, Supports and Anchors (Sum of M thru N)

7_____

M. Material _____
N. Labor _____

Section 211313 – Wet-Pipe Sprinkler Systems (Sum of O thru P)

8_____

O. Material _____
P. Labor _____

Section 212300 – FM-200 Total Flooding Fire Suppression System Performance Specifications
(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.

Allowance #20: Include 25 sprinkler heads, all hazard types, including up to 10 linear feet of brank piping, connected to fire protection system.....\$_____

**** 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:

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 9, 2013

Package # BP-002.24

ELECTRICAL / COMMUNICATIONS / ELECTRONIC SAFETY AND SECURITY**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.

Furnish all labor, materials, supervision, tools, supplies equipment, insurance, permits and services necessary for a complete **ELECTRICAL / COMMUNICATIONS / ELECTRONIC SAFETY AND SECURITY** 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 8 – Openings, Division 11 Food Service Equipment (trade Reference for Coordination Only) Division 26, Electrical, Division 27 Communications, Division 28 Electronic Safety and Security all applicable specifications sections pertinent to scope of work. Including but not limited to the following sections; ; 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 08 31 13 Access Doors and Frames (provide only), Section 26 00 10 Electrical Demolition, 26 01 02 Basic Electrical Requirements, 26 04 66 Feeder and Plug-in Busway, 26 05 00-1 Basic Electrical Materials and Methods, 26 05 00-2 Temporary Power and Lighting, 26 05 19 Building Wire and Cable, 26 05 26 Grounding, 26 05 29 Hangers and Supports, 26 05 33 Outlet Boxes, 26 05 34 Pull and Junction Boxes, 26 05 35 Raceways, 26 05 53 Electrical Identification, 26 05 83 Equipment Connections, 26 07 22 Voice Communication Fire Alarm & Detection Systems, 26 07 31 Wireless Clock, 26 07 75 Assisted Listening System, 26 09 23 Lighting Control Equipment, 26 210 0 Electrical Service - Utility, 26 22 00 Dry Type Transformers, 26 24 13 Switchboards, 26 24 16 Panelboards and Circuit Breakers, 26 27 26 Wiring Devices, 26 28 13 Fuses, 26 28 16 Safety Switches, 26 29 00 Motor Controllers, 26 32 13 Engine Generator Systems, 26 36 00 Transfer Switches, 26 43 00 Transient Voltage Surge Suppression, 26 51 00 Interior Lighting Fixtures, 26 51 00-2 Lamps and Ballasts, 26 52 00 Emergency Lights and Exit Signs, 26 56 00 Site Lighting Fixtures, 27 05 19 Area of Rescue Assistance Communication System, 27 05 33 Telecommunications Raceway System, 27 05 48 Vibration Isolation and Seismic Restraints, 27 15 00 Communications Horizontal Cabling, 27 51 16 Public Address System and Music Systems, 27 51 17 Sound System, Section 08 31 13 Access Doors and Frames (Provide Only)

General Requirements

- A. Subcontractor to furnish all labor, material and equipment for coring in existing walls. If subcontractor does not coordinate sleeves during the construction of new walls, subcontractor will perform coring at no additional costs.
- B. Subcontractor to furnish all labor, material and equipment for all link seals in penetrations below grade.
- C. Subcontractor to furnish all labor, material and equipment for all fire stopping in new and existing walls for their penetrations.
- D. Subcontractor shall provide testing and certification data for all materials provided under this contract
- E. All layouts 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.
- F. Flag-person(s) will be provided by this subcontractor when entering or exiting the site, when staging from the street, or as necessary for the work of this subcontractor. Certified flag-person(s) required when staging deliveries on any adjacent streets.
- G. Subcontractor is responsible in performing their work to provide all scaffolding, staging, ladders and or safety measures to meet or exceed regulatory requirements including identification of the competent person for the erection and use of the same.
- H. Subcontractor is responsible to provide his own job offices with power and telephone, storage containers, tool boxes and etc.
- I. Subcontractor is responsible to schedule, secure and pay for all police details that may be required by this scope of work or as directed by local authorities.
- J. Subcontractor shall provide all equipment, labor, and materials necessary to facilitate control of dust on site and within the building proper.
- K. Subcontractor shall furnish and install all required connections to equipment as shown on matrix within EQ drawings. Subcontractor shall also make all final connection to Laboratory Case Hoods and Fume Hoods.
- L. Subcontractor shall meet all requirements as outlined and detailed in the MEP COORDINATION AND BIM MODELING EXHIBIT dated November 8, 2012 attached hereto.
- M. Subcontractor shall provide a \$10,000 allowance to cover any and all costs for installation of temporary lighting, power and telecommunication for temporary office space within building structure location in the unoccupied area and as directed by the Construction Manager. Actual work executed will be verified by the project superintendent with daily signed work tickets.

Electrical

- A. Subcontractor shall furnish all labor, materials, supervision, hoisting, tools, supplies, equipment, insurance, permits, all applicable sales and use taxes, and all other things necessary to perform the COMPLETE ELECTRICAL / COMMUNICATIONS / ELECTRONIC SAFETY AND SECURITY as shown in the Contract Documents and as described herein.
- B. All COMPLETE ELECTRICAL / COMMUNICATIONS / ELECTRONIC SAFETY AND SECURITY on the drawings and in the specifications, which is not specifically called out for as work by

others, even if in specification sections other than sections listed above, is the responsibility of the Subcontractor.

- C. Subcontractor shall be responsible for the condition of the site and building in their charge. They are required to clean their work area on a daily basis, including broom cleaning, and removal all rubbish and debris resulting from their work. They shall protect adjacent work and materials from soiling or damage as well as their own. Upon completion of all COMPLETE ELECTRICAL / COMMUNICATIONS / ELECTRONIC SAFETY AND SECURITY, the Subcontractor shall remove all equipment, debris, dumpsters, and surplus materials generated by their work.
- D. Subcontractor shall be required to coordinate all work with other Subcontractors and the Construction Manager.
- E. Subcontractor will coordinate size and location of all required concrete housekeeping pads. Provide shop drawings for all concrete housekeeping pads identifying size and dimensioned location for all concrete housekeeping pads within 4 weeks of subcontract award. Include all shims, anchors, vibration isolation and grouting. Housekeeping pads will be provided and installed by the concrete subcontractor.
- F. Electrical Subcontractor shall furnish and install all components and infrastructure (conduit, cabling and supports) for sound systems as shown on the contract documents. Include all start, test and applicable programming for these systems.
- G. Subcontractor shall furnish and install primary electrical buried conduits from location coordinated with utility provider to new medium voltage transformer pad. Medium voltage cabling will be furnished and installed by utility provider.
- H. Subcontractor shall furnish and install secondary electrical conduits (duct bank) from medium voltage transformer to building service. Furnish and install all secondary conductors.
- I. Subcontractor shall furnish and install low voltage 4" duct bank from location coordinated with utility provider(s) – CATV, telephone, data to connection point at building. Cabling for low voltage services by applicable provider. Building cabling by Electrical Subcontractor.
- J. This Subcontractor shall coordinate all exposed conduit/raceways (where allowed), with the painting subcontractor, for painting.
- K. All rigging, supplemental steel or supports required to hoist and set equipment will be provided by this Subcontractor.
- L. Electrical Subcontractor is responsible for any penetrations (cored holes) associated with the completion of their work. Holes will be promptly covered by this Subcontractor in compliance with OSHA standards and regulations.
- M. Subcontractor will furnish and install all components, conduit, cables, supports, programming for a complete turnkey Fire Alarm System as shown in the contract documents.
- N. Subcontractor will furnish and install all components, conduit, cables, supports, programming for a complete turnkey public address, music and clock systems as shown in the contract documents.
- O. Subcontractor to provide complete conduit infrastructure with pull strings to support the installation (wire, cable, devices) associated with the security/card access/CCTV system (by others). Coordinate installation with other trades to insure pathways are installed concealed. Coordinate with Owner's Security subcontractor to insure proper installation of infrastructure (conduit, boxes, strings).

- P. Furnish and install all seismic bracing and vibration isolation for equipment and conduit support systems per contract documents and applicable building codes.
- Q. Electrical Subcontractor is responsible to coordinate all trenching and concrete encasement required for site utility and site lighting conduits, pole bases, manholes, handholes, transformer pads with Construction Manager and Site Subcontractor.
- R. Electrical Subcontractor to furnish and install all main electrical distribution equipment, switchboards, panelboards, dry type transformers, power monitors, transient voltage surge suppression, utility meter sections, conduit, busway and buss heads, circuit breakers (fuses and other overcurrent protection devices), raceways and conductors as shown and specified in the contract documents.
- S. Subcontractor to provide and install emergency generator and associated transfer switches as shown and specified in the contract documents.
- T. Electrical Subcontractor shall furnish and install temporary lighting to meet or exceed OSHA standards throughout building interior and stair towers. Subcontractor shall maintain temporary lighting including lamp replacement for the duration of the project until such time as permanent lighting may be utilized. Electrical Subcontractor shall be responsible for the complete removal of all temporary lighting above new ceilings as required by A.H.J. for proper above ceiling inspections.
- U. Electrical Subcontractor shall furnish and install temporary GFCI receptacles (a minimum of six (6) 20 ampere 120 volt circuits per floor) with temporary receptacle stands spaced at a distance not to exceed 100 feet apart from one another. Temporary GFCI receptacles shall be regularly tested and maintained and replaced when proven defective. Temporary branch circuit wiring serving temporary GFCI stands shall be sized so as not to exceed 5% voltage drop.
- V. Electrical Subcontractor shall provide and install complete interior and site lighting systems with all controls as shown and specified in the contract documents. Controls include but are not limited to occupancy sensors, power packs, switches, time clocks, photocells, contactors, dimmers and dimmer racks, Central Battery Unit. It shall be the responsibility of the Electrical Subcontractor to follow all manufacturers' burn-in requirements for dimmable fluorescent fixtures (typically 100 hours at maximum output). Subcontractor shall provide re-lamping or ballast replacement of burnt-out fixtures, interior and site, prior to final completion and acceptance.
- W. Electrical Subcontractor shall furnish and install all components, raceways, cabling and power connections for Area of Refuge <or> Area of Rescue Assistance system as shown and specified.
- X. Electrical Subcontractor shall receive, install and wire connections to all combination starters, manual starters, variable frequency drives, disconnects provided by others for mechanical equipment connections. Electrical Subcontractor shall furnish and install any starters, disconnects, VFD's shown on electrical plans and specifications. Electrical Subcontractor shall provide and install all raceways, wiring, and connections for all HVAC and Plumbing equipment as indicated in the contract documents.
- Y. Electrical Subcontractor to make all elevator connections including shunt trip connections as required per contract documents and per the requirements of the Office of the State Elevator Inspector.
- Z. Electrical Subcontractor shall provide all power connections for A/V equipment inclusive but not limited to projection screens, projectors, smart boards, electric window screens, amplifiers, equipment racks. Additionally; Electrical Subcontractor shall furnish and install

pathways (raceway and strings and boxes) for low voltage control wiring of A/V equipment including but not limited to projection screen up/down switches, connectivity between teachers stations, projectors, screens and smart boards.

- AA. Electrical Subcontractor shall furnish and install a complete assisted listening system as shown in the contract documents.
- BB. Electrical Subcontractor shall furnish and install all raceways, power wiring and connections for kitchen equipment including flexible whips/cords as required for fully operational equipment and systems per contract documents.
- CC. Electrical Subcontractor shall furnish and install complete Telecommunications/Data/CATV and Low Voltage raceway system including conduit/raceways, boxes, pull strings, between floor sleeves, grounding bars as shown and specified in the contract documents. Conduits and raceways to be concealed except at IDF, Electrical and Mechanical rooms unless otherwise noted.
- DD. Electrical Subcontractor shall furnish and install all light and power cord reels as shown and specified in the contract documents.
- EE. Electrical Subcontractor shall furnish and install Nurse Call components, raceways, wire & cables, for complete and operable system as shown on the contract documents.
- FF. Electrical Subcontractor shall provide all permanent and temporary labeling and identification for all electrical devices, conduits, cables, wires, transformers, panels, plates and described in the specifications and per the National Electrical Code.
- GG. Electrical Subcontractor shall furnish and install all final electrical connections to equipment shown on matrix within EQ drawings.
- HH. Electrical Subcontractor shall identify any errors and/or omissions in the drawings, specifications and bid documents and inform the Construction Manager during the bidding process.
- II. Subcontractor has included in their base bid the following allowances:
 - a. Allowance #21: Include 15 LED exit signs, single face, as specified with associated wiring connected to exit sign system.
 - b. Allowance #22: Include 15 LED exit signs, double face, as specified with associated wiring connected to exit sign system.
 - c. Allowance #23: Include 15 LED emergency light fixtures, as specified with associated wiring connected to emergency lighting system.
 - d. Allowance #24: Include 15 fire alarm addressable horn and strobe, with associated wiring connected to fire alarm system.
 - e. Allowance #25: Include 15 fire alarm addressable strobe, with associated wiring connected to fire alarm system.
 - f. Allowance #26: Include 15 fire alarm addressable horn, with associated wiring connected to fire alarm system.
 - g. Allowance #27: Include 5 fire alarm addressable pull station, with associated wiring connected to fire alarm system.
 - h. Allowance #28: Include 15 fire alarm addressable smoke detector, with associated wiring connected to fire alarm system.
 - i. Allowance #29: Include 15 fire alarm addressable heat detector, with associated wiring connected to fire alarm system.

END OF DOCUMENT



PROPOSAL FORM – BP 002.24

ELECTRICAL/COMMUNICATIONS ELECTRONIC SAFETY & SECURITY

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 260010 – Electrical Demolition (Sum of C thru D) 2_____

C. Material _____
D. Labor _____

Section 260102 – Basic Electrical Requirements (Sum of E thru F) 3_____

E. Material _____
F. Labor _____

Section 260466 – Feeder and Plugin Busway (Sum of G thru H) 4_____

G. Material _____
H. Labor _____

Section 260500-1 – Basic Electrical Materials and Methods (Sum of I thru J) 5_____

I. Material _____
J. Labor _____

Section 260500-2 – Temporary Power and Lighting (Sum of K thru L) 6_____

K. Material _____
L. Labor _____

Section 260519 – Building Wire and Cable (Sum of M thru N) 7_____

M. Material _____
N. Labor _____

Section 260526 – Grounding (Sum of O thru P) 8_____

O. Material _____
P. Labor _____

Section 260529 – Hangers and Supports (Sum of Q thru R) 9_____

Q. Material _____
R. Labor _____

Section 260533 – Outlet Boxes (Sum of S thru T) 10_____

S. Material _____
T. Labor _____

Section 260534 – Pull and Junction Boxes (Sum of U thru V) 11_____

U. Material _____
V. Labor _____

Section 260535 - Raceways (Sum of W thru X) 12_____

W. Material _____
X. Labor _____

Section 260553 – Electrical Identification (Sum of Y thru Z) 13_____

Y. Material _____
Z. Labor _____

Section 260583 – Equipment Connections (Sum of AA thru BB) 14_____

AA. Material _____
BB. Labor _____

Section 260722 – Voice Communication Fire Alarm and Detection Systems (Sum of CC thru DD) 15_____

CC. Material _____
DD. Labor _____

Section 260731 – Wireless Clock (Sum of EE thru FF) 16_____

EE. Material _____
FF. Labor _____

Section 260775 – Assisted Listening System (Sum of GG thru HH) 17_____

GG. Material _____
HH. Labor _____

Section 260923 – Lighting Control Equipment (Sum of II thru JJ) 18_____

II. Material _____
JJ. Labor _____

Section 262100 – Electrical Service - Utility (Sum of KK thru LL) 19_____

KK. Material _____
LL. Labor _____

Section 262200 – Dry Type Transformers (Sum of MM thru NN) 20_____

MM. Material _____
NN. Labor _____

Section 262413 - Switchboards (Sum of OO thru PP) 21_____

OO. Material _____
PP. Labor _____

Section 262416 – Panelboards and Circuit Breakers (Sum of QQ thru RR) 22_____

QQ. Material _____
RR. Labor _____

Section 262726 – Wiring Devices (Sum of SS thru TT) 23_____

SS. Material _____
TT. Labor _____

Section 262813 – Fuses (Sum of UU thru VV) 24_____

UU. Material _____
VV. Labor _____

Section 262816 – Safety Switches (Sum of WW thru XX) 25_____

WW. Material _____
XX. Labor _____

Section 262900 – Motor Controllers (Sum of YY thru ZZ) 26_____

YY. Material _____
ZZ. Labor _____

Section 263213 – Engine Generator Systems (Sum of AAA thru BBB) 27_____

AAA. Material _____
BBB. Labor _____

Section 263600 – Transfer Switches (Sum of CCC thru DDD) 28_____

CCC. Material _____
DDD. Labor _____

Section 264300 – Transient Voltage Surge Suppression (Sum of EEE thru FFF) 29_____

EEE. Material _____
FFF. Labor _____

Section 265100 – Interior Lighting Fixtures (Sum of GGG thru HHH) 30_____

GGG. Material _____
HHH. Labor _____

Section 265100-2 – Lamps and Ballasts (Sum of III thru JJJ) 31_____

III. Material _____
JJJ. Labor _____

Section 265200 – Emergency Lights and Exit signs (Sum of KKK thru LLL) 32_____

KKK. Material _____
LLL. Labor _____

Section 265600 – Site Lighting Fixtures (Sum of MMM thru NNN) 33_____

MMM. Material _____
NNN. Labor _____

Section 270519 – Area of Rescue Assistance Communication System (Sum of OOO thru PPP) 34_____

OOO. Material _____
PPP. Labor _____

Section 270533 – Telecommunications Raceway system (Sum of QQQ thru RRR) 35_____

QQQ. Material _____
RRR. Labor _____

Section 270548 - Vibration Isolation and Seismic Restraints

(Sum of SSS thru TTT) 36_____

SSS. Material _____
TTT. Labor _____

Section 271500 – Communications Horizontal Cabling

(Sum of UUU thru VVV) 37_____

UUU. Material _____
VVV. Labor _____

Section 275116 – Public Address System and Music Systems

(Sum of WWW thru XXX) 38_____

WWW. Material _____
XXX. Labor _____

Section 275117 – Sound System

(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.

Allowance #21: Include 15 LED exit signs, single face, as specified with associated wiring connected to exit sign system.....\$ _____

Allowance #22: Include 15 LED exit signs, double face, as specified with associated wiring connected to exit sign system.....\$ _____

Allowance #23: Include 15 LED emergency light fixtures, as specified with associated wiring connected to emergency lighting system.....\$ _____

Allowance #24: Include 15 fire alarm addressable horn and strobe, with associated wiring connected to fire alarm system.....\$ _____

Allowance #25: Include 15 fire alarm addressable strobe, with associated wiring connected to fire alarm system.....\$ _____

Allowance #26: Include 15 fire alarm addressable horn, with associated wiring connected to fire alarm system.....\$ _____

Allowance #27: Include 5 fire alarm addressable pull station, with associated wiring connected to fire alarm system.....\$ _____

Allowance #28: Include 15 fire alarm addressable smoke detector, with associated wiring connected to fire alarm system.....\$ _____

Allowance #29: Include 15 fire alarm addressable heat detector, with associated wiring connected to fire alarm system.....\$ _____

**** 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:

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 9, 2013

Package # BP-002.25

GENERAL TRADES**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.

Furnish all labor, materials, supervision, tools, supplies equipment, insurance, permits and services necessary for a complete **GENERAL TRADES** 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 00 – Procurement and Contracting Requirements, Division 1 – General Requirements
Division 02 - Existing Conditions, Division 06 – Woods, Plastics and Composites, Division 07 -- Thermal and Moisture Protection, Division 08 -- Openings, Division 10 -- Specialties, Division 11 -- Equipment, Division 12 -- Furnishings and all applicable specifications sections pertinent to scope of work, including but not limited to the following Sections: 00 31 19.26 – Existing conditions survey, 00 31 26.23 – General Survey for asbestos containing material and lead-based paint, Section 00 31 26.29 – Existing PCB information Sections, Section 02 83 00 Lead Awareness, 06 10 00 Rough Carpentry, 07 95 00 Expansion Control, 08 39 19 Removable Aluminum Flood Barriers, 10 11 00 Visual Display Surfaces, 10 14 00 Signage, 10 14 16 Plaques, 10 21 13 Toilet Compartments, 10 21 23 Cubicle Curtain and Track, 10 22 13 Wire Mesh Partitions, 10 28 00 Toilet and Bath Accessories, 10 44 16 Fire Extinguishers and Safety Cabinets, 10 51 13 Metal Lockers, 11 50 00 Miscellaneous Equipment, 11 51 23 Library Stack Systems, 11 52 13 Projection Screens, 11 52 15 Projector Ceiling Mounts, 11 66 23 Gymnasium Equipment, 11 66 53 Gymnasium Dividers, 12 24 13 Roller Window Shades, section 12 61 00 Fixed Audience Seating, Section 12 66 00 Telescoping Stands, Section 14 24 00 Hydraulic Elevator Modernization, section 14 42 00 Wheel Chair Lift, Section 08 91 19 – Fixed Louvers (excludes fixed louvers within CW systems) and Section 08 92 00 – Louvered Equipment Screens.

General Requirements

- A. This subcontractor is responsible to provide all field checking and controls needed for the accurate installation and monitoring of his work.
- B. Subcontractor is responsible to provide his own job offices with power and telephone, storage containers, tool boxes and etc.
- C. Subcontractor shall provide all equipment, labor, and materials necessary to facilitate control of dust on site and within the building proper

- D. Subcontractor shall furnish all labor, materials, supervision, hoisting, tools, supplies, equipment, insurance, permits, all applicable sales and use taxes, and all other things necessary to perform the COMPLETE GENERAL TRADES PACKAGE as shown in the Contract Documents and as described herein and as specified.
- E. Subcontractor has expressly assumed the risk of the cost increases and the effects of shortages or lack of availability of materials, energy, goods and labor, and neither this subcontract amount nor the schedule for performance and completion of the Work shall be subject to adjustment should any of these risks arise.
- F. Subcontractor will coordinate size and location of all required depressions in concrete. Provide shop drawings for identifying size and dimensioned location for all concrete depressions within 4 weeks of subcontract award. Include all shims, anchors and grouting. depressions will be provided and installed by the concrete subcontractor.
- G. Subcontractor shall furnish and install all components listed below and as shown on the contract documents.
- H. The General Trades Subcontractor is responsible for any penetrations (cored holes) associated with the completion of their work. Holes will be promptly covered by this Subcontractor in compliance with OSHA standards and regulations.
- I. The General Trades Subcontractor shall supply all rated and non-rated access panels required for this scope of work. Installation shall be by others.
- J. All items listed on Equipment drawings are to be unloaded, inventoried and placed in final location by this subcontractor. This includes any anchoring/leveling that may be needed. All final connection will be made by others.
- K. Subcontractor must designate a minimum of two laborers daily for a (7) month duration to clean-up as directed by the Construction Managers Superintendent.

Expansion Control

- A. Subcontractor to furnish and install architectural joint systems of design, basic profile, floor-to-floor joint systems, floor-to-wall joint systems, gypsum board and metal stud wall-to-wall joint systems, masonry wall-to-wall joint systems materials and operation as indicated on the Contract Documents, both interior and exterior. Provide units with capability to accommodate variations in adjacent surfaces. Furnish units in longest practical lengths to minimize field splicing. Install with hair line mitered corners where expansion control systems change direction or abut other materials. Include factory-fabricated closure materials and transition pieces, T joints, corners, curbs, cross connections, and other accessories as required to provide continuous expansion control systems
- B. Subcontractor to coordinate installation of exterior wall and soffits expansion control systems with roof expansion control systems to ensure that wall transitions are water tight.
- C. Subcontractor to furnish and install where indicated expansion control systems with fire barriers identical to those of systems tested for fire resistance per UL 2079 or ASTM E 1966 by testing and inspection agency acceptable to authorities having jurisdiction.
- D. Subcontractor to furnish and install anchorages, setting drawings and instructions for installing expansion control systems. Provide fasteners of metal type and size to suit

type of construction indicated on the contract documents and provide a secure attachment of expansion control systems.

- E. Subcontractor to comply with manufactures written instructions for storing, handling, and installing expansion controls systems.
- F. Subcontractor to protect finishes on exposed surfaces from damages with temporary protective covering, and remove at final cleaning for inspections as directed by the Construction Manager.

Removable Aluminum Flood Barriers

- A. Subcontractor to furnish and install all Removable Aluminum Flood Barriers as shown on the Contract Documents.
- B. Subcontractor is responsible for field measurements prior to preparation of shop drawings.
- C. Subcontractor to furnish qualifications of manufacturer with successful experience in design and manufacturing of ten years and the subcontractor has been trained and approved by the manufacturer for the installation of units required for this project.
- D. Subcontractor to furnish and install frames, supports, anchoring hardware and accessories required for a complete assembly. Subcontractor to install true and plumb without warping and racking.
- E. Subcontractor to apply sealants where required by the contract documents.
- F. When completed, subcontractor to install and then uninstall flood barrier system to ensure proper finished installation. Engage a factory-authorized service representative to train Owner's maintenance personnel to install and un-install and store flood barriers.

Visual Display Surfaces

- A. Subcontractor to furnish and install all visual display surfaces that are used to convey information visually, including surfaces of markerboards , tackboards and surfacing materials that are not fabricated into composite panel form, but applied directly to walls.
- B. Subcontractor to obtain visual display surfaces from a single source and/or from a single manufacturer.
- C. Subcontractor is responsible to conduct a Pre-installation conference on site.
- D. Subcontractor to field measure for actual dimensions of Visual Display Surfaces
- E. Subcontractor to furnish and install all markerboard and tack board accessories, Aluminum frames and trim Chalk tray, map rail, display rail, end stops, map hooks and clips, flag holder as shown or indicated on the contract documents.
- F. Subcontractor to install visual display surfaces in locations and at mounting heights indicated on the Contract Documents. Perimeter lines to be kept straight, level, and plumb. Provide grounds, clips, backing materials, adhesives, brackets, anchors, trims, and accessories necessary for a complete installation.
- G. Subcontractor to clean visual display surfaces according to manufacturer's written instructions. Cover and protect all visual display surfaces after installation and cleaning.

Signage

- A. Subcontractor to furnish and install all signage as shown or indicated on the contract documents but not limited to Interior Panel Signs, Interior Room Identification Panel Signs, Exterior Panel Signs, Corridor Directional Signs, Elevator Accessories, and interior Sign Plaques
- B. Subcontractor to furnish all necessary shop drawings, samples for verification, signage schedules and maintenance data. Subcontractor also to provide warranty, installer qualifications and fabricator qualifications,
- C. Subcontractor to furnish all signs types from a single source manufacturer.
- D. Subcontractor to locate and install signs and accessories where instructed by the architect or as indicated on the contract documents, using mounting methods of type described and complying with manufacturers written instructions. Install signs level, plumb, and at heights indicated on the contract documents with all surfaces free of distortion and other defects in appearance.
- E. After final installation, subcontractor to clean soiled sign surfaces according to Manufacturers written instructions and to protect signs from damage until acceptance by Construction Manager.

Plaques

- A. Subcontractor to furnish and install all Plaques as shown or indicated on the contract documents.
- B. Subcontractor to furnish all necessary shop drawings, samples for verification, signage schedules and maintenance data. Subcontractor also to provide warranty, installer qualifications and fabricator qualifications.
- C. Subcontractor to furnish all Plaques form a single source manufacturer.
- D. Subcontractor to locate and install plaques and accessories where instructed by the architect or as indicated on the contract documents using mounting methods of type described and complying with manufacturers written instructions. Install plaques level, plumb, and at heights indicated on the contract documents with all surfaces free of distortion and other defects in appearance.
- E. Subcontractor after installation shall adjust, clean surfaces according to manufacturer is written instructions protect Plaques from damage until acceptance by Construction Manager.

Toilet Partitions

- A. Subcontractor shall furnish and install all Toilet Partitions including but not limited to all overhead braced and floor anchored toilet and shower partitions, wall hung urinal screens and all other related accessories required for a complete scope of work as shown on the contract documents.
- B. Subcontractor shall furnish and install all accessories necessary for a complete system including but not limited to all fasteners and anchorage devices, solid-polymer units inclusive of all doors, panels, pilasters, shoes, heat-sink strips, sleeves, caps, brackets, fittings, fasteners, hardware, hinges, latches & keepers, stops, coat hooks, door

bumpers, door pulls, overhead bracing and all other incidentals required for a complete, specification compliant system.

- C. Subcontractor shall field verify all measurements prior to installation of scope of work.
- D. Subcontractor to provide all shop drawings, including required details for the installation of all necessary concealed blocking.

Cubicle Curtains and Track

- A. Subcontractor to furnish and install all labor and material for the Cubicle Curtains and track as shown or indicated on the contract documents.
- B. Subcontractor to furnish shop drawings, samples for verification, coordination drawings, maintenance data, warranty, installer qualifications and fabricator qualifications.
- C. Subcontractor to furnish all curtains and track from one of the manufactures listed in the contract documents
- D. Subcontractor to locate and install Cubicle Curtains and accessories where shown on the contract documents, using mounting methods of type described and complying with manufacturers written instructions. Install Cubicle Curtains and track level, plumb, and at heights indicated on the contract documents with surfaces free of distortion and other defects in appearance.
- E. After installation, subcontractor shall adjust and clean surfaces according to manufacturer's written instructions and protect Cubicle Curtains from damage until acceptance by Construction Manager.

Wire Mesh Partitions

- A. Subcontractor to furnish and install all Wire Mesh Partitions as shown or indicated on the contract documents.
- B. Subcontractor to furnish all shop drawings, samples for verification, coordination drawings, maintenance data, warranty, installer qualifications, fabricator qualifications and welding qualifications.
- C. Subcontractor to furnish all Wire Mesh Partitions from one of the manufactures listed on the contract documents.
- D. Subcontractor to locate and install all Wire Mesh Partitions, doors and accessories where shown on the contract documents, using mounting methods of type described and complying with manufacturers written instructions. Install the Wire Mesh Partitions level, plumb, and at heights indicated on the contract documents with surfaces free of distortion and other defects in appearance.
- E. Subcontractor to adjust all doors to operate smoothly and easily, without binding or warping. Adjust hardware to function smoothly. Confirm that latches and locks engage accurately and secure without forcing or binding. Tag all keys per area for turnover to Construction Manager.
- F. After installation, subcontractor to adjust, provide touch-up paint, clean surfaces according to manufacturer's written instructions and protect Wire Mesh Partitions from damage until acceptance by Construction Manager.

Toilet and Bath Accessories

- A. Subcontractor to furnish and install all toilet and bath accessories including but not limited to all mirror / medicine cabinets, handicap mirrors, toilet paper dispensers, robe hooks, shower rods, towel rings, handicap fold up grab bars, handicap grab bars include horizontal , vertical, paper towel dispensers, soap dispensers, recessed soap dishes, sanitary napkin dispensers and disposals, towel dispensers, mop holders, trash receptacles, towel warmers, folding shower seats, shower curtains, shower curtain rods and accessories, emergency pull stations, under lavatory guards, utility shelf's and all accessories for janitorial closets including all fasteners and anchorage devices for a complete system.
- B. Subcontractor to furnish shop drawings and details of all materials required for the installation for blocking concealed in walls.
- C. Subcontractor to furnish all keys required for lockable accessories tagged per each bathroom for turn over to Construction Manager.
- D. Subcontractor to furnish special mirror warranty from manufacturer. See spec section 10 28 00.
- E. Subcontractor to remove protective plastic, stickers, and clean and adjust all listed above for Owners Inspection.

Fire Extinguishers and Safety Cabinets

- A. Subcontractor to furnish and install all fire extinguishers and safety cabinets as shown on the contract documents, including the type, size, and capacity for each fire protection cabinet indicated. Specifically but not limited to portable hand carried fire extinguishers, fire cabinets, combination fire extinguisher and fire blanket cabinet with fire blanket, spill control station cabinets and Goggle Germicidal Cabinets.
- B. Subcontractor to furnish and install all accessories and incidentals associated with this scope of work including all fasteners and anchorage devices mounting brackets, extension frames, mounting brackets, labeling, silk screen lettering,
- C. Subcontractor to furnish proper charging and tagging of fire extinguishers.
- D. Subcontractor to furnish all keys required for lockable accessories tagged per each cabinet for turn over to Construction Manager.
- E. Subcontractor to remove protective plastic, stickers, and clean and adjust all listed above for Owners Inspection.

Metal Lockers

- A. Subcontractor to furnish and install all metal lockers and accessories as shown on the Contract documents specifically but not limited to standard metal lockers, knock-down athletic lockers, locker room benches, continuous sloping tops, vertical end closures, sloping-top corner fillers, mitered filler panels, finished end panels.
- B. Subcontractor to furnish shop drawings for the metal lockers and benches. Include plans, elevations, sections, details, and necessary attachments to other work.
- C. Subcontractor to furnish combination control charts to Construction Manger by registered mail or overnight package service.

- D. Subcontractor to furnish extra materials, full size units of the following metal locker hardware items equal to 10 percent of the amount installed for each type and finish installed, but no fewer than five units. Included shall be locks, identification plates, and hooks.
- E. Subcontractor shall furnish and install all lockers level, plumb, and true. Shim as required using concealed shims.
- F. Subcontractor to furnish and install touch up for marred finishes or replace metal lockers that can
- G. Subcontractor to protect metal lockers from damage, abuse, dust dirt, staining or paint from other trades. The use of the lockers will not be permitted during construction. Any damaged lockers will have to be restored to the original factory condition.

Miscellaneous Equipment

- A. Subcontractor to furnish and install all labor, materials, and equipment necessary for the following equipment as shown on the contract documents or as specified: Welding Curtains, Library Anti-theft Devices (Electronic Article Surveillance), Care Changing Stations and Exam Table for Nurse's Office.
- B. Subcontractor to furnish all necessary shop drawings for all items specified or called out on the contract documents.
- C. Subcontractor to comply with manufacturer's written instructions and install equipment in coordination with applicable shop drawings and contract specifications.

Library Stack Systems

- A. Subcontractor to furnish and install Library Stack Systems, including the Steelcase shelving.
- B. Subcontractor to furnish the necessary shop drawings for Library Stack Systems. Include plans, elevations, sections and details. Show the clear-aisle widths from face of units and also the required attachments to other work.
- C. Subcontractor to furnish and install all accessories not limited to floor anchors, wall anchors, top bracing, sliding book supports, shelf label holders, range finders, cardholders, end panels and canopy tops.
- D. Subcontractor to install Library Stack Systems at locations indicated on the contract documents and according to manufacturer's written instructions. Level and plumb book stack units to tolerance of 1/8" in 8'-0". Install shelves as indicated on the shop drawings and contract documents.
- E. Subcontractor to repair or provide removal of defective work, clean finished surfaces, touch-up as required, protect installed products from damage during the remainder of the construction period.

Projection Screens

- A. Subcontractor to furnish and install all Projection Screens shown or indicated on the Contract documents specifically but not limited to manually operated screens, electrically operated projection screens and front-projection screens.

- B. Subcontractor to furnish shop drawings, samples for verification, sign schedule, maintenance data, warranty, installer qualifications and fabricator qualifications,
- C. Subcontractor to furnish Projection Screens from a single source manufacturer.
- D. Subcontractor to locate and install Projection Screens and accessories where shown or indicated on the Contract Documents, using mounting methods of type described and complying with manufacturers written instructions. Install Projection Screens level, plumb, recessed and at heights indicated on the contract documents with surfaces free of distortion and other defects in appearance.
- E. Subcontractor to provide coordination with Electrical Contractor for a complete projection screen installation.
- F. After installation, subcontractor to clean soiled projection screen surfaces according to manufacturer's written instructions. Protect projection screens from damage until acceptance by Construction Manager.

Projector Ceiling Mounts

- A. Subcontractor to furnish and install all Projector Ceiling Mounts shown or indicated on the Contract documents specifically but not limited to manually operated screens, electrically operated projection screens and front-projection screens.
- B. Subcontractor to furnish shop drawings, samples for verification, sign schedules, maintenance data, warranty, installer qualifications and fabricator qualifications,
- C. Subcontractor to locate and install Projector Mounts and accessories where shown or indicated on the Contract Documents, using mounting methods of type described and complying with manufacturers written instructions. Install Projector Ceiling Mounts level, plumb, recessed and at heights indicated on the contract documents with surfaces free of distortion and other defects in appearance.
- D. After installation, subcontractor to clean soiled projector Ceiling Mount surfaces according to Manufacturer's are written instructions and protect from damage until acceptance by Construction Manager.

Gymnasium Equipment

- A. Subcontractor to furnish and install all Gymnasium Equipment as shown or indicated on the Contract documents specifically but not limited to score boards, safety pads and basketball equipment
- B. Subcontractor to furnish shop drawings, samples for verification, maintenance data, warranty, installer qualifications, fabricator qualifications, motor nameplate data, ratings and mounting arrangements.
- C. Subcontractor to furnish all the Gymnasium Basketball Equipment from a single source manufacturer.
- D. Subcontractor to locate and install Gymnasium Equipment and accessories as shown or indicated on the contract documents, using mounting methods of type described and complying with manufacturers written instructions. Install Gymnasium Equipment level, plumb, recessed and at heights indicated on the contract documents with surfaces free of distortion and other defects in appearance.

- E. After installation, the subcontractor shall clean soiled Gymnasium Equipment surfaces according to Manufacturer's written instructions and protect from damage until acceptance by Construction Manager.

Gymnasium Dividers

- A. Subcontractor to furnish and install the Roll-up Gymnasium Divider system as shown or indicated on the Contract documents.
- B. Subcontractor to furnish shop drawings, samples for verification, maintenance data, warranty, installer qualifications, fabricator qualifications, motor nameplate data, ratings and mounting arrangements. Subcontractor to verify all critical measurements by field verification.
- C. Subcontractor to furnish Gymnasium Divider from a single source manufacturer.
- D. Subcontractor to locate and install Gymnasium Divider system and accessories where shown or indicated on the contract documents, using mounting methods of type described and complying with manufacturers written instructions. Install the Gymnasium Divider system level, plumb, and at heights indicated on the contract documents with surfaces free of distortion and other defects in appearance.
- E. After installation, subcontractor shall clean soiled Gymnasium Divider surfaces according to manufacturer's written instructions and protect from damage until acceptance by Construction Manager.

Telescoping Stands

- A. Subcontractor to furnish and install all Telescoping Stands shown or indicated on the Contract documents.
- B. Subcontractor to furnish shop drawings, samples for verification, maintenance data, warranty, installer qualifications, fabricator qualifications, motor nameplate data, ratings and mounting arrangements.
- C. Subcontractor to furnish Telescoping Stands from a single source manufacturer.
- D. Subcontractor to locate and install Telescoping Stands and accessories where shown or indicated on the Contract Documents, using mounting methods of type described and complying with manufacturers written instructions. Install Telescoping Stands level, plumb, and at heights indicated on the contract documents with surfaces free of distortion and other defects in appearance.
- E. After installation, subcontractor shall clean soiled stained surfaces according to manufacturer's written instructions and protect from damage until acceptance by Construction Manager.

Roller Window Shades

- A. Subcontractor to furnish and install all Roller Window Shades as shown or indicated on the Contract documents.
- B. Subcontractor to furnish shop drawings, samples for verification, coordination drawings, maintenance data, warranty, installer qualifications, fabricator qualifications and field measurements.

- C. Subcontractor to furnish all Roller Window Shades from one of the manufactures listed on the contract documents
- D. Subcontractor to locate and install Roller Window Shades and accessories where shown on the contract documents, using mounting methods of type described and complying with manufacturers written instructions. Install Roller Shades and track level, plumb, and at heights indicated on the contract documents with surfaces free of distortion and other defects in appearance.
- E. After installation, subcontractor shall adjust and clean surfaces according to manufacturer's written instructions and protect Roller Shades from damage until acceptance by Construction Manager.

HYDRAULIC ELEVATORS

- A. Subcontractor shall refurbish the existing elevator cab and hoist-way that shall remain in place including the replacement of the existing motor, all other replacement items for finishes, controls and devices required to comply with current CT Building Code and ADA and in accordance with the Contract Documents.
- B. Subcontractor shall furnish and install all accessories and incidentals associated with this scope of work including but not limited to all signal equipment, car control stations which shall comply with current CT Building code and ADA, emergency communication system, fire department communication system, car position indicators, hall push button stations, hall lanterns, hall position indicators, corridor call station and pictograph signs.
- C. Subcontractor shall furnish and install a door restrictor on each elevator door
- D. Subcontractor shall furnish and install all car enclosures including all metal wall panels, plastic laminate wall panels, stainless steel doors, sills, luminous ceiling where scheduled and handrails as required. Floor finishes by others.
- E. Subcontractor to furnish and install all hoist-way entrances including but not limited to all the stainless-steel frames, stainless steel doors and support sills.
- F. Subcontractor to provide temporary protection of elevator cab upon completion.
- G. Subcontractor to include (40) hours of elevator operator time within their bid. This is required for use by other trades for work within the elevator shaft. Actual time will be verified by the Construction Manager on a daily ticket basis.
- H. Upon completion subcontractor shall schedule the elevator inspection and obtain final approval from the State of Connecticut. Provide certification to Owner.

Wheel Chair Lift

- A. Subcontractor to furnish and install Unenclosed, self-contained vertical platform wheelchair lift.
- B. Subcontractor to have manufacturer Qualifications, a firm with 10 years of experience Manufacturing Vertical platform lifts and experience with similar installations.
- C. Subcontractor to provide Warranty, extended warranty for four additional years
- D. Subcontractor is responsible to leave wheelchair platform in a protected condition upon completion of work.
- E. Subcontractor to provide Initial Maintenance Service, Continuing maintenance proposal in the Form of a standard yearly maintenance agreement.

FIXED LOUVERS

- A. Subcontractor to furnish and install all fixed louvers as shown or indicated on the contract documents but not limited to fixed extruded-aluminum louvers and formed metal louvers.
- B. Subcontractor to furnish all necessary shop drawings, samples for verification including color chips, schedules and maintenance data. Subcontractor also to provide warranty, installer qualifications and fabricator qualifications.
- C. Subcontractor shall field verify opening dimensions prior to releasing materials into fabrication.
- D. Subcontractor to furnish all fixed louvers types from a single source manufacturer.
- E. Subcontractor to locate and install fixed louvers and accessories where instructed by the architect and as indicated on the contract documents, using mounting methods of type described and complying with manufacturers written instructions. Install fixed louvers level, plumb, and at heights indicated on the contract documents with all surfaces free of distortion and other defects in appearance.
- F. After final installation, subcontractor to clean soiled fixed louver surfaces according to Manufacturers written instructions and to protect signs from damage until acceptance by Construction Manager.
- G. Subcontractor shall comply with SMACNA standards for fabrication, construction details and installation procedures.
- H. Subcontractor to provide motors and related components for motor-operated dampers that are listed and labeled by UL and comply with applicable NEMA standards.

LOUVERED EQUIPMENT SCREENS

- A. Subcontractor to furnish and install all louvered equipment screens as shown or indicated on the contract documents but not limited to all extruded-aluminum roof top equipment screens.
- B. Subcontractor to furnish all necessary shop drawings, samples for verification, schedules and maintenance data. Subcontractor also to provide warranty, installer qualifications and fabricator qualifications.
- C. Subcontractor shall field verify opening dimensions prior to releasing materials into fabrication.
- D. Subcontractor to furnish all louvered equipment screen types from a single source manufacturer.
- E. Subcontractor to locate and install louvered equipment screens and accessories where instructed by the architect or as indicated on the contract documents, using mounting methods of type described and complying with manufacturers written instructions. Install louvered equipment screens level, plumb, and at heights indicated on the contract documents with all surfaces free of distortion and other defects in appearance.
- F. After final installation, subcontractor to clean soiled louvered equipment screen surfaces according to Manufacturers written instructions and to protect louvered equipment screens from damage until acceptance by Construction Manager.

- G. Subcontractor to supply louvered equipment screens with a high-performance organic finish as detailed in the project specifications and as selected by the Architect from the manufacturer's full range.

FIXED AUDIENCE SEATING

- A. Subcontractor shall conduct and coordinate a pre-installation conference as scheduled by the Construction Manager.
- B. Subcontractor shall furnish and install swing-away beam mounting, molded-plastic chairs and lecture hall tables.
- C. Furnish and install (1) table per (4) seats as indicated in the Lecture Hall on the construction drawings. Included with the tables are modesty panels.
- D. Subcontractor to provide a built mock-up of a two seat unit including finishes and accessories.
- E. Subcontractor shall install seating and tables as indicated and fastened securely to substrates according to manufactures to written instructions.
- F. Subcontractor shall install fixed audience seating with each chair capable of complying with performance requirements without failure or other conditions which might impair the chairs usefulness.
- G. Subcontractor shall install standards and pedestals plum. Install seating so moving components operate smoothly and quietly.
- H. Subcontractor shall adjust all hardware and moving parts to function smoothly so they operate easily. Lubricate bearings and sliding parts as recommended by the manufacturer.
- I. Subcontractor shall replace damaged and malfunctioning components that cannot be repaired.

END OF DOCUMENT



PROPOSAL FORM – BP 002.25 GENERAL TRADES

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 061000 – Rough Carpentry (INFORMATION ONLY)	(Sum of A thru B)	1 <u>NA</u>
A. Material	<u>NA</u>	
B. Labor	<u>NA</u>	
Section 079500 – Expansion Control	(Sum of C thru D)	2 _____
C. Material	_____	
D. Labor	_____	
Section 083919 – Removable Aluminum Flood Barriers	(Sum of E thru F)	3 _____
E. Material	_____	
F. Labor	_____	
Section 101100 – Visual Display Surfaces	(Sum of G thru H)	4 _____
G. Material	_____	
H. Labor	_____	
Section 101400 - Signage	(Sum of I thru J)	5 _____
I. Material	_____	
J. Labor	_____	

Section 101416 – Plaques (Sum of K thru L) 6_____

K. Material _____
L. Labor _____

Section 102113 – Toilet Compartments (Sum of M thru N) 7_____

M. Material _____
N. Labor _____

Section 102123 – Cubicle Curtain and Track (Sum of O thru P) 8_____

O. Material _____
P. Labor _____

Section 102213 – Wire Mesh Partitions (Sum of Q thru R) 9_____

Q. Material _____
R. Labor _____

Section 102800 – Toilet and Bath Accessories (Sum of S thru T) 10_____

S. Material _____
T. Labor _____

Section 104416 – Fire Extinguishers and Safety Cabinets (Sum of U thru V) 11_____

U. Material _____
V. Labor _____

Section 105113 – Metal Lockers (Sum of W thru X) 12_____

W. Material _____
X. Labor _____

Section 115000 – Miscellaneous Equipment (Sum of Y thru Z) 13_____

Y. Material _____
Z. Labor _____

Section 115123 – Library Stack Systems (Sum of AA thru BB) 14_____

AA. Material _____
BB. Labor _____

Section 115213 – Projection Screens (Sum of CC thru DD) 15_____

CC. Material _____
DD. Labor _____

Section 115215 – Projector Ceiling Mounts (Sum of EE thru FF) 16_____

EE. Material _____
FF. Labor _____

Section 115123 – Gymnasium Equipment (Sum of GG thru HH) 17 _____

GG. Material _____
HH. Labor _____

Section 116653 – Gymnasium Dividers (Sum of II thru JJ) 18 _____

II. Material _____
JJ. Labor _____

Section 122413 – Roller Window Shades (Sum of KK thru LL) 19 _____

KK. Material _____
LL. Labor _____

Section 126600 – Telescoping Stands (Sum of MM thru NN) 20 _____

MM. Material _____
NN. Labor _____

Section 142400 – Hydraulic Elevator Modernization (Sum of OO thru PP) 21 _____

OO. Material _____
PP. Labor _____

Section 144200 – Wheel Chair Lift (Sum of QQ thru RR) 22 _____

QQ. Material _____
RR. Labor _____

Section 089119 – Fixed Louvers (Sum of SS thru TT) 23 _____

SS. Material _____
TT. Labor _____

Section 089200 – Louvered Equipment Screens (Sum of UU thru VV) 24 _____

UU. Material _____
VV. Labor _____

Section 126100 – Fixed Audience Seating (Sum of WW thru XX) 25 _____

WW. Material _____
XX. 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.

Subcontractor must designate a minimum of two laborers daily for a (7) month duration to clean-up as directed by the Construction Managers

Superintendent.....\$ _____/LS
\$ _____/HR

Subcontractor to include (40) hours of elevator operator time within their bid. This is required for use by other trades for work within the elevator shaft.....\$ _____/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.

N/A

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