

CAM CONSTRUCTION BID MANUAL

**Robert Poole Building #056
Additions and Renovations**

April 5, 2016

CAM CONSTRUCTION CO INC
108 W Timonium Road, Suite 300
Timonium MD 21093
410-560-2828
410-560-1572 (fax)

For questions, information and clarifications please contact:

John Speights: john@cambuilds.com

Chris Chesko: chris@cambuilds.com

ROBERT POOLE BUILDING #056

SUMMARY OF BID DOCUMENTS

1. CAM CONSTRUCTION BID MANUAL

000200 NOTICE TO BIDDERS
000300 FORM OF PROPOSAL
000820 LIST OF BID PACKAGES
001015 CAM GENERAL REQUIREMENTS
001020 BID PACKAGES
001025 MBE REQUIREMENTS
001035 WORKFORCE DEVELOPMENT PROGRAM
001045 PRELIMINARY PROJECT SCHEDULE
001050 WAGE SCALE

2. SPECIFICATIONS (DATED 3/31/16)

VOLUME 1 - DIVISIONS 1 THROUGH 14
VOLUME 2 - DIVISIONS 21 THROUGH 33
VOLUME 3 – APPENDICES

- SOILS REPORT
- HAZARDOUS MATERIAL REPORT

3. DRAWINGS (DATED 3/31/16)

VOLUME 1 – CIVIL / ARCHITECTURAL / STRUCTURAL
VOLUME 2 – MECHANICAL / PLUMBING / FIRE ALARM / FIRE PROTECTION /
ELECTRICAL / KITCHEN / TECHNOLOGY

4. EXISTING DRAWINGS (NOT PART OF BID DOCUMENTS)

- FOR INFORMATIONAL PURPOSES ONLY. WE CANNOT VERIFY THE ACCURACY
OF THESE DRAWINGS AS THEY ARE NOT AS-BUILT DRAWINGS AND VARIOUS
RENOVATIONS HAVE OCCURRED OVER TIME.

1922 ROBERT POOLE – ALL DRAWINGS
1933 REAR BUILDING ADDITIONS

5. ADDENDA – TO BE ISSUED

SECTION 000200

NOTICE TO BIDDERS - INVITATION TO BID

ROBERT POOLE BUILDING #056
ADDITIONS AND RENOVATIONS
1300 W. 36TH STREET
BALTIMORE, MD 21211

Bids will be received by Cam Construction at its office at 108 W. Timonium Road, Suite 300, Timonium, MD 21093, for all Bid Packages for the addition and renovation of Robert Poole School Building #056, located at 1300 W. 36th Street, Baltimore, MD 21211.

Bids will be due on: May 4, 2016 at 4:00 p.m.

Proposals may be mailed, emailed (estimating@cambuilds.com), or faxed (410-560-1572).

A Pre-bid Conference and site walk-thru will be held on April 13, 2016 at 4:00 p.m. at 1300 W. 36th Street, Baltimore, MD 21211. The Architect, Construction Manager, and school system staff will explain the scope of the project and answer questions about the bidding documents. Attendance is strongly recommended and will assist the Owner in evaluating bids to determine if the bid can be considered responsive and/or responsible. **An additional site visit can be made on April 19, 2016 at 4:00 p.m.**

Certified Minority Business Enterprises are encouraged to respond to this solicitation notice.

The contractor or supplier who provides materials, supplies, equipment and/or services for this construction project shall attempt to achieve the MBE goals as follows:

Total MBE=30%, with sub-goals: African-American=7%, Asian=4%.

The bidder or offeror acknowledges the requirements of the MBE Participation and the MOED Workforce Development Programs, and will submit their completed forms accordingly.

Bid documents will be available for inspection on or after 9:00 a.m. on April 4, 2016 at the office of the Construction Manager, Cam Construction, at 108 W. Timonium Rd, Suite 300, Timonium, MD 21093 (410-560-2828). All bid documents including drawings, specifications, and addenda will be available for viewing, and downloading from Cam Construction's FTP website at: www.cambuilds.com.

Project Summary

Project includes Renovation of existing buildings and New Construction of a major addition at the above school. The project is 138,500 sf in size - renovation 65,500 sf and new 73,000 sf. Work is anticipated to start July 1, 2016 and be complete by May 2018. Project consists of all major and school-type trades. Specific features of this job are helical piers, geothermal heating and cooling systems, extensive sitework, hazardous material abatement, selective and complete building demolition, and masonry restoration.

The conditions contained in this Notice to Bidders - Invitation to Bid, are a part of the bid documents.

The Owner/Construction Manager reserve the right to waive any informality in, or to reject any or all bids.



SECTION 000300

FORM OF PROPOSAL

ROBERT POOLE BUILDING #056
ADDITIONS AND RENOVATIONS
1300 W. 36th Street
Baltimore, MD 21211

Bid Package # _____

Owner: Maryland Stadium Authority
351 W. Camden St., Ste 500
Baltimore, Maryland 21201

Bid Package Name _____

Architect: JRS Architects, Inc.
2010 Clipper Park Rd, Ste 101
Baltimore, Maryland 21211
P: 410-235-7256

Bid Date: _____

Contractor: _____

Construction
Manager: CAM Construction Co., Inc.
108 W. Timonium Rd, Ste 300
Timonium, Maryland 21093

Address: _____

Phone: _____

P: 410-560-2828
F: 410-560-1572

Email: _____

The undersigned, having visited and carefully examined the site and carefully examined the Bid Announcement and the Bid Documents proposes to furnish all labor, specified materials, and specified equipment necessary to construct and properly complete all the work required in strict accordance with the aforesaid documents using only the specified manufacturer's materials the Lump Sum as follows:

BASE BID:

(Written in words)
DOLLARS \$

ADDITIONAL COST TO PROVIDE A PAYMENT/PERFORMANCE BOND: \$

(Please provide a bond if able. A bond is strongly encouraged for subcontracts over \$250,000.)

AMOUNT OF MBE PARTICIPATION INCLUDED (Goal 30%): \$ (%)
(sub goals: 7% African-American, 4% Asian)

AMOUNT OF AFRICAN-AMERICAN MBE INCLUDED ABOVE: \$

AMOUNT OF ASIAN MBE INCLUDED ABOVE: \$

AMOUNT OF OTHER MBE INCLUDED ABOVE: \$

ALTERNATES

Special Instructions: Bidders are required to submit a bid on each Alternate that is associated with the Bid Package for this Proposal, and per Specification Section 012300.

- A. Alternate No. C-A1: Chain Link Fence
Add/Deduct _____ Dollars \$ _____
- B. Alternate No. C-A2: Site Amenities
Add/Deduct _____ Dollars \$ _____
- C. Alternate No. C-A3: Unit Pavers
Add/Deduct _____ Dollars \$ _____
- D. Alternate No. C-A4: Seat Blocks
Add/Deduct _____ Dollars \$ _____
- E. Alternate No. C-A5: Sod
Add/Deduct _____ Dollars \$ _____
- F. Alternate No. C-A6: Driveway Aprons
Add/Deduct _____ Dollars \$ _____
- G. Alternate No. C-A7: Site Wall Stencil
Add/Deduct _____ Dollars \$ _____
- H. Alternate No. C-A8: Berry Street Curb
Add/Deduct _____ Dollars \$ _____
- I. Alternate No. A-A1: Resilient Tile Flooring
Add/Deduct _____ Dollars \$ _____
- J. Alternate No. A-A2: Resilient Tile Corridor Flooring
Add/Deduct _____ Dollars \$ _____
- K. Alternate No. A-A3: Ceramic Wall Tile
Add/Deduct _____ Dollars \$ _____
- L. Alternate No. A-A4: Asphalt Shingle Roofing
Add/Deduct _____ Dollars \$ _____
- M. Alternate No. A-A5: Acoustical Panel Ceiling
Add/Deduct _____ Dollars \$ _____
- N. Alternate No. A-A6: Educational Casework
Add/Deduct _____ Dollars \$ _____
- O. Alternate No. A-A7: Canopy at Entry 001A
Add/Deduct _____ Dollars \$ _____
- P. Alternate No. A-A8: Canopy at Entry at Lobby 100H
Add/Deduct _____ Dollars \$ _____
- Q. Alternate No. A-A9: Canopy at Corridor 100G
Add/Deduct _____ Dollars \$ _____

- R. Alternate No. A-A10: Canopies at Receiving 031 and Stair C1-1
Add/Deduct _____ Dollars \$ _____
- S. Alternate No. A-A11: Music Room Ceiling
Add/Deduct _____ Dollars \$ _____
- T. Alternate No. M-A1: Domestic Water Piping
Add/Deduct _____ Dollars \$ _____
- U. Alternate No. M-A2: Above Grade Storm and Sanitary Water Piping
Add/Deduct _____ Dollars \$ _____
- V. Alternate No. M-A3: Below Grade Storm and Sanitary Water Piping
Add/Deduct _____ Dollars \$ _____
- W. Alternate No. E-A1: Aluminum Electric Feeders
Add/Deduct _____ Dollars \$ _____

UNIT PRICES

Special Instructions: Bidders are required to submit a bid on each Unit Price that is associated with the Bid Package for this Proposal, and per Specification Section 012200. Unit Prices are for extra work or credits. Prices as stated shall remain in effect for the duration of this project. The undersigned acknowledges the unit price values as part of this bid proposal and agrees to add or delete items for the unit prices identified when directed to do so by the Owner.

- A. Unit Price UP-1: Backfill of existing water conduit. \$ _____/CuYd
- B. Unit Price UP-2: Brick Repointing. \$ _____/SqFt
- C. Unit Price UP-3: Unsatisfactory Soil Excavation Replaced from Offsite \$ _____/CuYd
- D. Unit Price UP-4: Unsatisfactory Soil Excavation Replaced with Onsite \$ _____/CuYd
- E. Unit Price UP-5: Open Excavation Rock with Replacement \$ _____/CuYd
- F. Unit Price UP-6: Trench Excavation Rock with Replacement \$ _____/CuYd
- G. Unit Price UP-7: Open Excavation Rock \$ _____/CuYd
- H. Unit Price UP-8: Trench Excavation Rock \$ _____/CuYd
- I. Unit Price UP-9: Contaminated Soil Excavation with Replacement \$ _____/CuYd
- J. Unit Price UP-10: Restoration of SEC Entrances and Berms \$ _____/Each
- K. Unit Price UP-11: Repair/Replacement of Existing Plaster \$ _____/SqFt
- L. Unit Price UP-12: Deduct for Onsite RC-6 in lieu of Borrow Fill \$ _____/CuYd
- M. Unit Price UP-13: Removal of Unsatisfactory Soil and Replace with Onsite \$ _____/CuYd
- N. Unit Price UP-14: Removal of Unsatisfactory Soil and Replace with Borrow \$ _____/CuYd

SUBSTITUTIONS

Where in the base bid systems, processes or manufacturer's brands are referenced, it will be assumed that the proposal is based on those brands, or processes, unless otherwise noted. Alternative bids for items of equal performance will be considered for systems, processes or products of manufacturers other than those specified, if accompanied by catalogs, test reports, brochures, or other descriptive literature and supporting data, sufficient in detail to permit evaluation of the proposed substitution without further reference. Any design changes necessary by the proposed substitution will be the responsibility of the subcontractor.

Proposed Substitution:	Price Change
_____	\$ _____.
_____	\$ _____.
_____	\$ _____.

ADDENDA

Receipt of the following Addenda is acknowledged:

- Addendum # _____ Dated _____
- Addendum # _____ Dated _____
- Addendum # _____ Dated _____
- Addendum # _____ Dated _____
- Addendum # _____ Dated _____
- Addendum # _____ Dated _____
- Addendum # _____ Dated _____
- Addendum # _____ Dated _____

WORKFORCE DEVELOPMENT PLAN

1. Acknowledge review and compliance with the Workforce Development Process Guide.
Yes _____ No _____
2. Total number of Baltimore City residents planned to be hired _____.
3. Total number of worked hours planned for Baltimore City residents _____.

PREQUALIFICATION **

**Any Bidder that has not previously submitted a Subcontractor Pre-Qualification Form, should complete the attached form and return with their Bid Proposal.

SIGNATURE

_____	_____	_____
(Authorized Representative Name Printed)	(Authorized Representative Signature)	(Date)

	(Title)	
 (Legal Name of Company)		

(Legal Name of Company)		

(Address)		

(City)	(State)	(Zip)

(Telephone)	(Fax)	

(E-mail address)		

Contractor's License Number # _____		

We are/ I am licensed to do business in the State of Maryland as a:
() Corporation () Partnership () Individual () Other

Subcontractor Pre-Qualification Form

Page 1 of 3



Today's Date (MO/DAY/YEAR): _____ / _____ / _____ Person Completing Form: _____

Company Information

Company Name:		Company Website:	
President/Owner/Partner Name:		Other Contact Name/Title:	
Address/City/State/ZIP:			
Phone: (_____) _____ - _____		Contact Email:	
Fax: (_____) _____ - _____		Other Contact Email:	
National Construction Trade Association Membership: <input type="checkbox"/> None <input type="checkbox"/> Associated Builders and Contractors <input type="checkbox"/> Associated General Contractors <input type="checkbox"/> Other: _____			

Structure of Company

<input type="checkbox"/> Corporation	<input type="checkbox"/> Sole Proprietor	<input type="checkbox"/> LLC	<input type="checkbox"/> Partnership	<input type="checkbox"/> General or Limited	<input type="checkbox"/> Joint Venture
Date of Establishment: _____ / _____ / _____			State Where Established:		
List of states/metro areas in which authorized to do work (please include license # if applicable): <input type="checkbox"/> VA (License: _____) <input type="checkbox"/> MD (License: _____) <input type="checkbox"/> DC (License: _____) <input type="checkbox"/> Federal ID #: _____ <input type="checkbox"/> Other: _____ <input type="checkbox"/> Other: _____					
Contractor parent company (company name/president/address/phone):				# of Employees (office and field):	

Company Profile

Type of Company: <input type="checkbox"/> Subcontractor (Furnish & Install) <input type="checkbox"/> Subcontractor (Install Only) <input type="checkbox"/> Supplier (Materials Only)			
CSI Number(s): _____		SIC Number(s): _____	
Project Size: (Check all that apply) <input type="checkbox"/> \$250,000 or below <input type="checkbox"/> \$251,000- \$499,000 <input type="checkbox"/> \$500,000 - \$999,999 <input type="checkbox"/> \$1,000,000 or more			
Types of Projects: (Check all that apply) <input type="checkbox"/> Schools <input type="checkbox"/> Government <input type="checkbox"/> Healthcare <input type="checkbox"/> Hospitality <input type="checkbox"/> Lodging <input type="checkbox"/> Industrial <input type="checkbox"/> Office <input type="checkbox"/> Restaurant <input type="checkbox"/> Retail <input type="checkbox"/> Other: _____ <input type="checkbox"/> Other: _____ <input type="checkbox"/> Other: _____			
Geographic Work Areas: (Check all that apply or list states) <input type="checkbox"/> Northern VA <input type="checkbox"/> Washington, DC <input type="checkbox"/> Suburban MD <input type="checkbox"/> Other: _____			
Certified Minority Business Enterprise Contractor (MBE)? <input type="checkbox"/> Yes <input type="checkbox"/> No Certified by: _____		Certified Woman Business Enterprise Contractor (WBE)? <input type="checkbox"/> Yes <input type="checkbox"/> No Certified by: _____	
Do you have experience with LEED/green buildings? <input type="checkbox"/> Yes <input type="checkbox"/> No			

Bonding & Insurance

Name of Bonding Agency:	
Relationship Officer:	
Phone: (_____) _____ - _____	Fax: (_____) _____ - _____
Bonding Company:	A.M. Best Rating of Bonding Company:
Bonding Capacity Single Job: \$ _____	Bonding Capacity Aggregate: \$ _____
<i>*Please attach workers comp and general liability insurance certificates*</i>	
What is your workers comp EMR (experience modification rate) for the last 3 years? Year _____ EMR _____ Year _____ EMR _____ Year _____ EMR _____	

Please attach copy of previous year's OSHA 300 form

Work in progress

Amount of work under contract:	\$ _____
Amount of that work not yet completed:	\$ _____

Subcontractor Pre-Qualification Form

Page 2 of 3



Trade References:

Please list three trade/vendor references with whom you have worked for in the last year.

1.	Name:	Contact:
	Address:	Contact Phone Number/Cell Number:
	City/State/ZIP:	
2.	Name:	Contact:
	Address:	Contact Phone Number/Cell Number:
	City/State/ZIP:	
3.	Name:	Contact:
	Address:	Contact Phone Number/Cell Number:
	City/State/ZIP:	

General Contracting References

Please list three general contractors with whom you have worked for in the last year.

1.	Name:	Contact:
	Address:	Contact Phone Number/Cell Number:
	City/State/ZIP:	
2.	Name:	Contact:
	Address:	Contact Phone Number/Cell Number:
	City/State/ZIP:	
3.	Name:	Contact:
	Address:	Contact Phone Number/Cell Number:
	City/State/ZIP:	

Credit Authorization

The submitter of this prequalification form authorizes contacting any of the references given on this form and further authorizes each of those representatives to disclose any and all information the reference may have regarding the submitter. Also, the submitter authorizes the release of credit information including a credit report or other sources of credit information and this authorization shall be without expiration. Do you agree to these terms? Yes No

Dunn & Bradstreet # _____

Signature of Officer: _____ Date: _____

Return Completed Form ATTN: _____ Title: _____

Company: _____ Fax: _____

Subcontractor Pre-Qualification Form

Supplemental Information Form Page 3 of 3



Please complete requested information on company's recent major construction projects either completed or in progress; or attach list. (Please make additional copies as needed).

Name of Project		Name of Project	
Client/Owner		Client/Owner	
General Contractor		General Contractor	
Location		Location	
Contract Value	\$	Contract Value	\$
Description of Work Being Performed		Description of Work Being Performed	
Architect/Engineer		Architect/Engineer	
General Contractor Contact		General Contractor Contact	
Phone Number		Phone Number	
Completion (Planned) Date		Completion (Planned) Date	
Name of Project		Name of Project	
Client/Owner		Client/Owner	
General Contractor		General Contractor	
Location		Location	
Contract Value	\$	Contract Value	\$
Description of Work Being Performed		Description of Work Being Performed	
Architect/Engineer		Architect/Engineer	
General Contractor Contact		General Contractor Contact	
Phone Number		Phone Number	
Completion (Planned) Date		Completion (Planned) Date	

Workforce Development Acknowledgement



Today's Date (MO/DAY/YEAR): _____/_____/_____ Person Completing Form: _____

Company Information

Company Name:		Company Website:
President/Owner/Partner Name:	Other Contact Name/Title:	
Address/City/State/ZIP:		
Phone: (____) _____-_____	Contact Email:	
Fax: (____) _____-_____	Other Contact Email:	
Contact Phone Number/Cell Number:		

Signed Acknowledgement

The submitter of this form acknowledges reviewing and accepting the subcontractor responsibilities as presented in the attached "The Baltimore City Public Schools Construction and Revitalization-LOCAL HIRING PLAN"

These responsibilities include but are not limited to:

Providing in the bid a total number of the hours that will be required to complete the subcontracted work, and the number of hours of such work that will be performed by City residents.

Submitting requisitions that include Work hours performed in the preceding month, by job trade, classification and employee residency and projections of workforce needs for the coming 90 days by job type, based on the proposed plan.

Ensuring that MOED, School Construction Business Service Representatives ("SCBSR"), and City Schools are made aware of employment opportunities and Actively recruit City of Baltimore residents via MOED, SCBSR, City Schools, and collective and independent job fair recruiting efforts.

Do you agree to these terms? Yes No

Signature of Officer: _____ Date: _____

Title: _____

The Baltimore City Public Schools Construction and Revitalization

LOCAL HIRING PLAN

As stated in the Memorandum of Understanding for the Baltimore City Public Schools Construction and Revitalization Act of 2013, the Mayor's Office of Employment Development (MOED) is charged with developing a comprehensive local hiring plan to support the goals of the Collaborative. This plan will leverage the resources of MOED's One Stop Career Center Network and work collaboratively with a broad range of City educational, workforce/training, faith-based and community organizations to assist in the training and preparation of City residents for employment opportunities created by the Ten-Year Plan Project.

A *Workforce Opportunities* subgroup, chaired by MOED, has been formed to ensure the local hiring plan maximizes opportunities to prepare and connect City residents to employment while streamlining the hiring process for employers. Consistent with the implementation of the Ten Year Plan, the subgroup will identify opportunities through the construction contracts for students to gain work experience, for City Schools' graduates to connect to career paths and for Baltimore City residents, including residents of neighborhoods with high rates of poverty and unemployment, to access employment and other economic opportunities.

As part of the local hiring plan, the subgroup will work to ensure that all construction contracts provide consistent and high quality multi-craft employment and training opportunities for Baltimore City public school students, recent graduates and Baltimore City residents, including residents of neighborhoods with high rates of poverty and unemployment.

The subgroup will collectively support and promote the key components of the local hiring plan that address both sides of the workforce equation- the job seeker and the employer- and includes a broad based outreach and communications effort.

I. **The Employer Connection:**

- As Baltimore City's designated Local Workforce Investment Area, MOED will serve as the lead point of contact for the construction contractors and subcontractors regarding their employment needs. Employers will utilize one phone number and one email address to post jobs and to access qualified city job candidates.
- MOED will meet with employers to assess their workforce needs and review their Workforce Plan. The Workforce Plan will describe the general scope of the work, total projected staffing, projected number of new hires, the type of skills and expertise needed for new hires and a timeline for commencing the work.
- All open positions will be posted in a newly created School Construction website.
- MOED will create a team of School Construction Business Service Representatives (SCBSR) comprised of public sector and nonprofit sector organizations that provide job training to city residents in construction related industries. The SCBSRs will provide

guidance throughout the process and job ready candidates that may be selected for work on the school construction projects.

- MOED will actively market the *Employ Baltimore Ready To Work for You* talent pipeline to all contractors and sub-contractors, informing them of the pre-screened job ready candidates that will be referred to them through this service. MOED will increase awareness of this service that includes, but is not limited to, attending and providing presentations at vendor open house events, pre-bid meetings, and outreach events to subcontractors, consultants and on site subcontractor meetings to explain and promote the *Employ Baltimore* services and to collect information on job openings available from these entities.
- MOED will circulate information from subcontractors and contractors regarding potential job openings to the SCBSRs as soon as it becomes available. SCBSRs will submit pertinent information regarding suitable job ready candidates to MOED who will forward them on to the employer as appropriate. MOED will keep SCBSRs informed regarding hiring progress and employment decisions.
- MOED will inform the contractors and subcontractors of any incentives available to enhance the hiring process such as tax incentives aligned with hard to serve populations, opportunity to create state certified apprenticeships and job training offered by local workforce partners. MOED and the Maryland Stadium Authority, or the Stadium Authority's Program Manager (collectively, MSA), will meet regularly with employer representatives to review hiring progress and assist as necessary.

II. Job Seeker Preparation and Connection:

- MOED and members of the Workforce Opportunities subgroup will work to identify training funds for investment in preparation of workers to prepare Baltimore City residents for immediate placement in construction jobs and ongoing career track/ apprenticeship training in the building trades.
- MSA will provide the Workforce Opportunities subgroup with projected employment needs for the construction projects on a regular basis (to be determined by the MSA and the Subgroup) to enable the workforce partners to build and maintain a pipeline of qualified candidates to meet the demand.
- MOED and members of the Workforce Opportunities subgroup will host multiple meetings and community forums to share information about the *Employ Baltimore Ready To Work For You* talent pipeline. Workforce, educational, community and faith-based organizations will be invited to enroll job ready City residents from all communities in the pipeline for referral to the construction openings.
- The objective will be to encourage the continued employment of workers who have successfully completed work on these projects.
- MOED will share with workforce, community, faith-based and educational partners the new 21st Century Job Readiness curriculum to assist in preparing job seekers with the necessary skills to apply and interview for positions. A series of "train the trainer"

workshops will be held to expand the opportunities for City residents to access the curriculum.

- Utilizing the resources of MOED's One Stop Centers and Community Job Hubs, a series of Job Readiness sessions will be implemented on an ongoing basis. These will be scheduled on the School Construction website.
- Pre-Apprenticeship and construction skills training opportunities will be marketed on the School Construction website.

III. Communication and Accountability:

- A new School Construction website will provide ongoing and up to date information on employment opportunities, hiring events, skills training classes and other relevant information.
- The Workforce Opportunities subgroup will meet no less than quarterly to assess the progress of the local hiring plan. Information about hiring in the form of progress against hiring goals, placement rates (placements/referrals; local placements/available jobs) and wages will be reported quarterly and made publicly available. Based on reports and results, the Subgroup will make further recommendations to maximize this opportunity to increase city employment and incomes.

IV. Promoting Local Hiring:

MSA has developed its Requests for Proposals (RFPs) to include language requiring a local hiring and workforce plan to be set forth in responses, as follows:

1) For Pre-Construction Submission:

- a) A general approach to workforce development efforts to be implemented throughout the course of the project.*
- b) Organizational chart showing responsibility and accountability for implementing the "Plan", including the anticipated staffing requirements for the plan and the roles/responsibilities of such staff.*
- c) A description of the proposer's overall staffing model for construction of the Project, including measures to ensure adequate labor supply and stability to fulfill the Project's workforce needs. The description shall include:*
 - *The estimated types of positions expected to perform work on the Project.*
 - *The estimated number of individuals needed for each type of position over the course of the project.*
 - *Special Hiring Requirements/Expectations for each job type.*

2) During Pre-Construction/Planning:

- a) *The estimated percentage of positions and projected work hours that will be filled at the journeyman, apprentice/trainee, skilled and common laborer, untrained entry level new hire, including the specialized skills or certifications for each position, and the skills necessary to meet the basic position qualifications.*
- b) *A description of how the Proposer shall work with the MSA, City Schools, Mayor's Office of Employment Development ("MOED"), State-certified training organizations, and the specific trade contractors to educate and train the workforce in each new position that may be available, and include a process for providing review and input to the curricula offered by the training partners to meet additional project workforce needs.*
- c) *A description of how the Proposer plans to partner with City Schools to prepare students for employment opportunities through the Work-Based Opportunity Curriculum and/or Registered Apprenticeship programs.*
- d) *A process on how the potential applicants shall be screened, and how the Proposer and specific trade contractors will give feedback to the training providers on employee performance and curricula improvement.*

3) *GMP Negotiation/Award*

Prior to acceptance of the GMP, the CM shall establish the percentage of skilled and unskilled labor hours for the project to be performed by City residents, as shall be set forth in the Agreement between MSA and the CM.

As part of the subcontractors' bids for the work, the CM shall require that each subcontractor submit a total number of the hours that will be required to complete the subcontracted work, and the number of hours of such work that will be performed by City residents.

The CM shall submit with the bid tabulations required by this Agreement the Workforce Utilization Estimate provided by each subcontractor. The CM shall ensure that the Workforce Utilization Estimate is considered as part of its subcontractor selection process.

In conjunction with the monthly payment application process, the CM shall submit and report monthly the following;

- *Work hours performed in the preceding month, by job trade, classification and employee residency.*
- *Projection of workforce needs for the coming 90 days by job type, based on the proposed plan.*

The CM and its respective subcontractors shall make good faith efforts as noted below, but not limited to:

- *Ensuring that MOED, School Construction Business Service Representatives ("SCBSR"), and City Schools are made aware of employment opportunities to the fullest extent practicable through outreach and recruitment activities, in accordance with the Collaborative's Local Hiring Plan (currently in draft form, to be provided at a later date)*
- *Actively recruit City of Baltimore residents via MOED, SCBSR, City Schools, and collective and independent job fair recruiting efforts.*

- *Use the services and assistance of MOED, SCBSR, and City Schools.*

MSA will incur damages (including but not limited to loss of goodwill, detrimental impact on MSA's goals for economic development, and diversion of internal staff resources) if the CM does not comply with the minimum goals established in the CM's Workforce Development Plan, including the reporting requirements on progress toward attaining those goals set forth in the plan. If negotiable terms are reached at the end of preconstruction, the resulting GMP Contract will include a clause assessing liquidated damages to the CM if the CM fails to provide the required reporting information or to achieve the goals related to the Plan. The GMP contract will also provide that MSA may waive the right to collect liquidated damages upon MSA's determination that the CM has made good-faith efforts to comply with the reporting requirements and staffing goals of the Plan.

On a case-by-case basis, MSA shall have the right to revise the above language if, in the exercise of its discretion, MSA determines that revision would be appropriate and consistent with the local hiring aspirations of the Ten Year Plan.

SECTION 000820 - LIST OF BID PACKAGES

The following is a list of Bid Packages for the Robert Poole School Building #56 - Renovations and Additions Project. The Contractor shall perform all of the work required by the Bid Package (Specification Section 001020) for which the Contractor is submitting a proposal. The Contractor shall comply with the requirements of Division 0 – Bidding Requirements and Division I – General Requirements, in their entirety. The Contractor shall also comply with the balance of the specifications (referenced or not) as applicable for the proper execution and coordination of his work.

2A	Building Demolition	10B	Signage
2B	Hazardous Material Abatement & Selective Demolition	10C	Metal Lockers
3A	Building Concrete	10D	Flagpoles
4A	Masonry	10E	Translucent Canopy Systems
4B	Masonry Restoration	11A	Miscellaneous Equipment
5A	Metals	11B	Foodservice, Appliances, and Laundry
6A	Carpentry	11C	Not Used
6B	Millwork	11D	Projection Screens
7A	Waterproofing and Sealants	11E	Stage Curtains
7B	Air Barrier System	11F	Gymnasium Equipment
7C	Roofing	12A	Window Treatment
8A	Doors, Frames, and Hardware	12B	Cabinets, Casework, and Countertops
8B	Overhead Doors	12C	Entrance Mats
8C	Aluminum Entrances, Storefront, Curtainwall	12D	Site Furnishings
9A	Drywall and Acoustical	13A	Greenhouse
9B	Ceramic Tiling	14A	Elevators
9C	Wood Flooring	21A	Fire Protection
9D	Resilient Flooring and Base	22A	Plumbing & HVAC
9E	Terrazzo Flooring	26A	Electrical
9F	Resinous Flooring	31A	Earthwork, Paving, Utilities
9G	Painting	32A	Site Concrete
10A	Specialties	32B	Unit Paving
		32C	Fencing
		32D	Landscaping

SECTION 001015 - CAM GENERAL REQUIREMENTS FOR TRADE PACKAGES

A. The items listed in the specific Bid Package scopes of work are not intended to be an all-inclusive listing of the specified Contract Scope of Work, but merely to highlight the major items of work included in the packages.

B. By submitting a bid, this Bidder acknowledges that it has read and agrees with the terms, conditions, and general intent of all the documents that comprise this bid package. Unless specifically noted and brought to the attention of the Construction Manager prior to or at bid time, no modifications to these bid documents, specifically the Construction Manager Trade Contract Agreement, will be considered or allowed.

C. The following items shall govern the General Requirements of all contracts associated with the renovations and additions to Robert Poole School:

1. Trade Contractor is required to participate in the workforce development program per The Mayor's Office of Employment Development (MOED), who coordinates and directs the workforce development initiatives responsive to the needs of Baltimore City employers and job seekers in order to enhance and promote the local economy. For more information refer to the MOED website at <http://www.oedworks.com> and to CAM's website www.cambuilds.com. Participation will include attendance at project specific Job Fairs hosted by the Construction Manager, working with MOED and its partners on new hires for this project.

a. Trade Contractors will make all final hiring decisions. Each new hire must bring notice of offer to MOED's One Stop Centers for background screening application and fingerprinting. Trade Contractor is responsible to provide pre-employment offer and screening fee of \$52.75. Notification shall be provided within 48 hours.

b. Trade Contractor shall submit with his proposal a Utilization Estimate which illustrates the total number of the hours that will be required to complete the subcontracted work and the number of hours of such work that can be performed by the City residents.

c. As a condition of payment, each Trade Contractor must complete a Monthly Local Hiring Report which will indicate the total number of Baltimore City residents hired and the total number of hours worked by each Baltimore City resident. This report shall be updated and submitted as part of the monthly requisition process. The Monthly Local Hiring Report format shall be provided to the Trade Contractor by the CM.

2. The Trade Contractor shall be responsible for scaffolding, construction lifts, loading, unloading, hoisting, and erection as required to complete this Trade Contractor's scope of work.

3. All costs required for transporting, erecting, dismantling, and removal of temporary facilities and equipment required by this Trade Contractor are to be included in this work scope.

4. Include all traffic control requirements, street cleaning, equipment, devices, flagging, etc. in accordance with the contract documents and as necessary for the performance of work of this bid package.

5. Coordinate all deliveries, storage and lay-down space with the CM site superintendent in advance. Due to the limited site, onsite lay-down will be limited to no more material than can be installed in (48) hours of material receipt.
6. The Trade Contractor is responsible for his own field engineering. Provide all layout or surveying required to complete the work of this Contract. A set of control points for the building will be provided by CAM. This Trade Contractor must verify all existing field conditions and dimensions as they relate to the construction. The Construction Manager must be notified in writing of any discrepancies prior to commencing work.
7. The Trade Contractor shall furnish, maintain and manage all rain water dewatering required for his work.
8. The CM will provide survey and required cut sheets to execute the work. It will be the Trade Contractor's responsibility to install all systems to the proper elevations and locations. Any re-staking or layout due to the failure of the trade contractor not executing their work in a timely manner or layout destroyed by their own operations the cost of re-staking and surveys will be the responsibility of the Trade Contractor.
9. Lunches are to be consumed only in areas designated by the Construction Manager. Trash is to be disposed of in containers as directed. All Trades must abide by the Pest Control Plan established by the CM.
10. Trade Contractors shall be required to perform all tests as required by the contract documents. A Third Party Independent Testing Agency shall be provided by others. Trade Contractor shall provide full cooperation and safe access for all inspections and tests.
11. Limited onsite parking will be available as designated by CAM. Parking by the trade contractors workers will be their responsibility.
12. The Trade Contractor shall adhere to all safety requirements. Trade Contractor specifically acknowledges and shall comply with the requirements contained within the CAM Project Safety Plan. All personnel shall attend a one hour safety orientation session before starting work on their first day on site.
13. The Trade Contractor shall pay special attention to the 100% drug testing requirement contained within the CAM Project Specific Safety Plan.
14. All Trade Contractor's shall initiate and maintain a Quality Assurance/Quality Control (QA/QC) Program that will ensure quality construction practices, perform tests and document results for items specified in the Contract Documents. The Trade Contractor shall designate Quality Control Professionals who will report to CAM's QA/QC manager for current status of on-going construction activities.
15. A temporary power connection point shall be provided on each floor of the existing building and extend to each floor of the new construction. One temporary power connection point will be provided at the area of the new building construction. Total service shall be a 400AMP service 120/240V. This service shall be provided by the 26A Trade Contractor. If additional service is required to perform your trade contract work that service will be the trade contractor's responsibility.

16. Temporary lighting will be provided and maintained in accordance with OSHA requirements. This service shall be supplied by the 26A Trade Contractor.
17. Any rolling or stationary equipment used within the building shall be equipped with absorbent safety shields to prevent oil from dripping on the floors.
18. All Trade Contractors utilizing cutting and threading machines within the building shall provide a 4' x 8' lined box with sand filler to prevent oil from dripping on the floors from each machine. Boxes shall be disposed of by the Trade Contractor providing same and are to be maintained on a regular basis to prevent seepage of oils
19. All Trade Contractors shall pay special attention to areas where the concrete slab is to remain exposed at the completion of the Project. Layout in these areas shall be performed in a way that does not leave permanent markings on the floor. Any trades that violate this shall be fully responsible for the cost to clean and/or remove and replace concrete as required to satisfy the Owner or Architect.
20. The Owner shall provide the general building permit and MDE permit. All other permits necessary for the performance of work under this work scope shall be the responsibility of this Trade Contractor.
21. CAM will employ cell phones as the preferred means of communication at the jobsite. If reception proves to be inadequate within the building, CAM may elect to augment the system with two-way radios. All Trade Contractors are required to maintain at least one device on this network for communication with the project management team. Workers, except for supervisory personnel, shall not be permitted to use cell phones around the construction area. Head phones or similar devices are banned on the construction site.
22. Perimeter and floor opening protection will be installed and maintained by designated Trade Contractors. If this protection interferes with completion of his work, then this Trade Contractor shall remove and replace the protection in compliance with the CAM Project Safety Plan and all OSHA/MOSH standards. If the Trade Contractor creates a hole or opening, the Trade Contractor must properly cover, secure and label the hole.
23. This Trade Contractor shall remove all debris generated by their activities on a daily and ongoing basis. Any flammable or hazardous disposal shall be by this Trade Contractor's own disposal unit.
24. This Trade Contractor shall ensure that there is an English speaking supervisor for their work crews at all times. Interpreters will be required to attend safety meetings with all employees unable to understand English
25. Should this Trade Contractors scope of work require Engineered Shop Drawings and/or submittals, the first submission shall include all applicable calculations and PE stamps. Waiting for approval of the first submission prior to providing calculations and stamps is not permitted.
26. This Trade Contractor shall provide power and equipment for welding required to complete their scope of work. No gas powered equipment will be allowed in enclosed areas. Off-loading of welders will be required due to parking constraints. Trade Contractor shall provide hook up costs for welders.

27. All work must be in strict accordance with the Erosion and Sediment Control Drawings and sequences therein. Trade Contractors are required to maintain all road and entrances to the project. Wheel wash stations will be provided for use by all trades. All trades must man the wheel wash stations as required to facilitate each trade's scope of work. Street sweeping and cleaning will be required by the respective trades that create the sediment deposit.

28. Normal working hours will be 7:00 am to 4:00 pm, Monday through Friday. Earlier start times and extended finish times may be permitted when necessary, but will require advance approval by CAM and the Owner. Normal work hours constitutes as starting of equipment, moving of materials, and any work creating noise. This project is located in a residential neighborhood.

LEED CERTIFICATION REQUIREMENTS:

29. This project is required to achieve LEED Gold certification. Comply with all LEED requirements for your work including but not limited to; submittals, special materials, recycled contents, Regional materials, and certifications in accordance with this RFP and the Contract Documents.

30. All invoices for divisions 2 through 12 must separate materials from labor and equipment for preparation of LEED documentation

31. If applicable, provide the percentage of material that will be recycled content for divisions 2 through 12.

32. Provide data on regional criteria for all materials divisions 2 through 12. CAM reserves the right to request materials from within the 500 mile radius to meet the regional requirements.

33. Submission of inaccurate or incomplete LEED submittal information may be grounds for reducing or withholding payment.

34. All products used on-site must meet low VOC requirements and all requirements of credits EQ 4.1 thru 4.4. Any reworking or repairs due to incorrect material will be back-charged to the Trade Contractor.

35. Any substitute materials must be approved and meet the LEED requirements as well as meeting other requirements of the specifications.

36. All Trade Contractors must participate in the Waste Recycling Plan as required for LEED compliance.

37. All Trade contractors to comply with all requirements of CAM's IAQ plan and Construction Waste Management Plan.

ADMINISTRATIVE & CONTRACTUAL REQUIREMENTS:

38. In the case of conflict between the Owner Conditions of the Contract between Owner and Contractor or the "General Conditions for Trade Contractors under Construction Management Agreements-Updated 2012", the more stringent shall apply.

39. As a condition precedent to receiving payment, Trade Contractor must submit a monthly sworn statement that identifies all lower-tier or MBE contractors and suppliers and confirms payment to same. Additionally, as a condition precedent to payment, Trade Contractor must also submit monthly lien waivers for each lower-tier contractor and supplier.

40. The CM shall procure the Builder's Risk Insurance Policy. The deductible portion of Ten Thousand Dollars and No Cents (\$10,000.00) shall be paid by the Trade Contractor responsible for any claims against the Builders' Risk Insurance.

41. The Trade Contractor shall provide and meet all criteria for required insurances as required by Division 1. All costs associated with required insurances shall be included in your cost.

42. It is the responsibility of this Trade Contractor to fully review the Project Specifications and Drawings that you are specifically responsible for and advise the Construction Manager of any outdated references or items that are not applicable to your scope of work.

43. All Conflicts of Interpretation in the Contract Documents are the responsibility of the Trade Contractor.

44. Trade Contractor will be responsible to coordinate and provide all the necessary information to execute and coordinate work between multiple trade packages.

45. All material, labor and equipment escalation costs are inclusive with this Contract and therefore, have been fully priced according to the baseline completion dates.

46. Unless noted otherwise, all warranties and guarantees will commence upon substantial completion of the Project phasing as documented by the Architect's issuance of a Certificate of Substantial Completion. Any/all costs to extend the start date of all warranties/guarantees from any earlier date (i.e. delivery, in service dates, etc.) to the date of substantial completion of the Project are included within the cost of the work.

47. The Trade Contractor will participate in a Project walk through(s) immediately prior to the expiration of all warranties and/or guarantees provided under the work of this contract. Any deficiencies noted will be corrected by this Trade Contractor at no additional cost to the Construction Manager/Owner.

48. The basis of trade contract awards will be made on a best value to the project, considering price, MBE (MDOT) participation, Local Hiring requirements, LEED requirements, experience, and the acceptance the of contract requirements.

49. The Maryland Department of Labor, Licensing and Regulation has issued Prevailing Wage Determination 014-A1, dated February 26, 2016, for this project. Each Trade Contractor shall be responsible for submitting its own certified payrolls to the proper authorities with an electronic copy to CAM. Any fines associated with failure to comply with this requirement shall be paid directly by the Trade Contractor.

50. The Project has an established Minority Business Enterprise (MBE) participation goal of 30% with sub-goals of 4% for certified MBEs classified as Asian-Owned firms and 7% for MBEs classified as African American-Owned firms. MBE firms must be certified by the Maryland Department of Transportation in order to be counted towards the goals.

51. The Trade Contractor shall endeavor to maximize participation by MDOT certified minority firms in its bid. Trade contractor shall complete and submit all required MBE forms for this project and shall include in its agreements with certified MBE subcontractors a requirement to submit these MBE forms to the Owner.

LIST OF BID PACKAGES

The following is a list of Bid Packages for the Robert Poole School Building #56 - Renovations and Additions Project. The Contractor shall perform all of the work required by the Bid Package (Specification Section 001020) for which the Contractor is submitting a proposal. The Contractor shall comply with the requirements of Division 0 – Bidding Requirements and Division I – General Requirements, in their entirety. The Contractor shall also comply with the balance of the specifications (referenced or not) as applicable for the proper execution and coordination of his work.

2A	Building Demolition	10B	Signage
2B	Hazardous Material Abatement & Selective Demolition	10C	Metal Lockers
3A	Building Concrete	10D	Flagpoles
4A	Masonry	10E	Translucent Canopy Systems
4B	Masonry Restoration	11A	Miscellaneous Equipment
5A	Metals	11B	Foodservice, Appliances, and Laundry
6A	Carpentry	11C	Not Used
6B	Millwork	11D	Projection Screens
7A	Waterproofing and Sealants	11E	Stage Curtains
7B	Air Barrier System	11F	Gymnasium Equipment
7C	Roofing	12A	Window Treatment
8A	Doors, Frames, and Hardware	12B	Cabinets, Casework, and Countertops
8B	Overhead Doors	12C	Entrance Mats
8C	Aluminum Entrances, Storefront, Curtainwall	12D	Site Furnishings
9A	Drywall and Acoustical	13A	Greenhouse
9B	Ceramic Tiling	14A	Elevators
9C	Wood Flooring	21A	Fire Protection
9D	Resilient Flooring and Base	22A	Plumbing & HVAC
9E	Terrazzo Flooring	26A	Electrical
9F	Resinous Flooring	31A	Earthwork, Paving, Utilities
9G	Painting	32A	Site Concrete
10A	Specialties	32B	Unit Paving
		32C	Fencing
		32D	Landscaping

SECTION 001020 BID PACKAGES
2A - BUILDING DEMOLITION

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Total Building Demolition Work**, herein known as **Bid Package 2A**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated 3/31/16, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 024116 Structural Demolition
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and material disposal.

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, materials and disposal to complete all total building demolition as indicated on the documents and as specified.
2. Complete building demolition of existing rear 3-story brick building, existing 2-story brick building and existing 1-story detached modular building. Reference Item D1 on drawings C-1.03 and C-1.04. Reference A011 and A013 for general scope and designation. The price shall include leaving the existing 3-story building footings in place and removing the existing walls to within 4'0" of finished grade except that the walls and footings within the footprint of the new building "B" addition and 4' outside of the new building "B" addition will be removed in their entirety. Fill placement will be provided by the Earthwork Contractor under Bid Package 31A. The timing of this work shall be coordinated with the Earthwork Contractor Bid Package 31A and the CM to minimize the duration between demolition and placement of backfill. This contractor will verify that no walls or footings remain in place that would create a conflict with the construction of future utilities or structures.
3. Coordinate demolition drawings with new work and associated trades.
4. Building demolition to include all attached structures, stairs and wells within 10'-0" of building line.
5. Where demolished building detaches from existing structure, this contractor responsible for all hand work and selective demolition to protect the existing structure to remain.

SECTION 001020 BID PACKAGES
2A - BUILDING DEMOLITION

6. Provide an alternate deduct price to crush the existing concrete foundations, concrete slabs, concrete deck, brick, block and precast concrete to meet CR6 gradation and store on site for reuse by the Earthwork Contactor under Bid Package 31A for reuse as structural fill in lieu of hauling and dumping off site to an approved landfill. It will be the responsibility of the contractor under this Bid Package 2A that the resulting crushed material will not contain any hazardous materials and that no brick or block from the existing exterior perimeter foundation or full height walls of the existing building within the limits of the new Building "C" be recycled for use on site. It will be the responsibility of the Earthwork contractor under Bid Package 31A to place and compact these materials. No
7. Coordinate utility line removal and protection with Bid Package 31A. Work to include removing utility lines to 5'-0" beyond demoed structures. Provide capping as required to prevent debris and water entering utility system.
8. Bid Packages 22A and 26A to disconnect and make safe building, from existing to remaining buildings.
9. Bid Package 22A and 26A will provide in two locations temporary power and water stations for use during demolition. Demolition contractor to maintain and protect these locations and services.
10. Daily housekeeping and safe environment shall be maintained at all times during the work of this trade contract.
11. Bid Package 31A will provide a 40'x40'x8" stone staging area at the end of each SCE entrance to be utilized for your staging and dumpster locations. Maintenance and protection of these areas shall be your responsibility.
12. Salvage the following Items:
 - a) Precast bands per the Architect's direction - 100 Inft
 - b) Salvage and clean off mortar – 1,000 sqft of existing brick (approximately 7,000 brick). Stack on pallets for storage and re-use by others.

SECTION 001020 BID PACKAGES

2B – HAZARDOUS MATERIAL ABATEMENT & SELECTIVE DEMOLITION

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Hazardous Material Abatement and Selective Demolition** work, herein known as **Bid Package 2B**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated March 31, 2016, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Specifications Volume 3 – Appendices (Hazmat Report)
 - D. Section 024116 Structure Demolition (as applicable)
 - E. Section 024119 Selective Demolition
 - F. Section 260510 Electrical Demolition for Renovations
 - G. All Mechanical and Electrical demolition as identified on the contract documents.
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, materials and disposal to complete all hazardous material abatement as indicated on the documents and as specified.
2. Complete Hazmat removal per the Hazmat report generated by Aerosol and Monitoring and Analysis, Inc. Hazmat removal includes all buildings shown to remain and be renovated including existing 4-story brick building, link, existing 2-story brick building, and all buildings scheduled to be completely demolished including existing rear 3-story brick building, existing 2-story brick building, and existing 1-story detached modular building. Reference drawings C-1.03, C-1.04, A 011, and A013 for general scope and designation.
3. Includes all temporary partitions and closures to maintain building security during the demolition and Hazmat work.
4. Bid Packages 22A and 26A to disconnect and make safe building, from existing-to-remain buildings.
5. Daily housekeeping and safe environment shall be maintained at all times during the work of this trade contract.
6. Remove all existing windows and caulk. This work will occur at the time of installing new windows and will be coordinated with window trade contractor Bid Package 8C.
7. Provide all labor, equipment, materials and disposal to complete all selective demolition as indicated on the documents and as specified.

SECTION 001020 BID PACKAGES

2B – HAZARDOUS MATERIAL ABATEMENT & SELECTIVE DEMOLITION

8. Includes all Electrical and Mechanical equipment, devices and systems as indicated on all demolition drawings and as specified.
9. Provide demolition of all doors, frames and hardware.
10. Create all new openings with required shoring for all new door and windows scheduled for the existing structure.
11. Prep the existing building for new construction at areas where the new building additions abuts all building façades. All projections and slab edges to be removed accordingly.
12. Existing on-grade doors may remain in place for security and removed at a later date. Removal of these doors, frames and hardware will be this trade contractor's responsibility. At your option temporary lockable enclosures can be provide per item 14 in lieu of coming back to remove.
13. Provide temporary fall protection at removed doors and windows during the select demolition process and upon completion of demolition close all exterior openings with 2x6 framing and ¾" CDX Plywood.
14. Remove existing doors and louvers at light wells per building demolition Notes on Drawing A021 Demo Plans - L0. NOTE: see below for Excluded Work.
15. Coordinate all slab removal with proposed new work including but not limited to the removal of the existing floor finishes and concrete in Room 100F for the installation of a new recessed entrance mat.
16. Coordinate demolition drawings with new work and associated trades.
17. Coordinate utility line removal and protection with Bid Package 31A. Work to include removing utility lines to 5'-0" beyond demolished structures. Provide capping as required to prevent debris and water from entering utility system.
18. Bid Package 22A and 26A will provide in two locations temporary power and water stations for use during demolition. Demolition contractor to maintain and protect these locations and services.
19. If the use of heavy equipment (i.e. bobcats, skid loaders and/or forklifts) is to be used to perform the demolition work on elevated floors it is the responsibility of this trade package to provide the necessary engineering, by a Maryland certified structural engineer, to determine if the existing floor structures can support same. Any monitoring, shoring or temporary support for the floors if heavy equipment is to be used shall be the responsibility of this trade package. Documentation and shoring of existing floors as determined by this trade package engineer shall be submitted for review. All costs associated with this item shall be part of this trade package.
20. Bid Package 31A will provide a 40'x40'x8" stone staging area at the end of each SCE entrance to be utilized for your staging and dumpster locations. Maintenance and protection of these areas shall be your responsibility.
21. Upon completion of all selective demolition, building floor areas to remain are to be broom swept and free of all demolition materials and debris.
22. Daily housekeeping and safe environment shall be maintained at all times during the work of this trade contract.
23. Provide all required shoring of existing floor for the removal of the existing CMU bearing walls in the lower level of "A" building to allow for new steel beams and columns. Reference drawings A021 and I/S-11. Coordinate with trade contractor 5A. Demolition of these walls and slabs to be coordinated with installation of new steel.
24. Coordinate all new floor openings with respective trade packages. Exact opening sizes and locations will be provided by others.
25. Saw cut existing concrete intermediate stair walls to elevation as indicated for new cap and handrail.
26. Remove all existing terrazzo floor and mortar bed down to existing concrete structure in all locations other than existing stair entrances and landings.

SECTION 001020 BID PACKAGES

2B – HAZARDOUS MATERIAL ABATEMENT & SELECTIVE DEMOLITION

27. Remove all existing rooftop equipment in buildings A & B, and link. Roofer to remove roofing materials.
28. Remove all window guards and hardware per Demo Elevation Plans.
29. Salvage the following items:
 - a) Existing 10'x4' slate chalkboards (5 each). Coordinate with CM for storage on site.
 - b) Existing building Plaques (12 each).
 - c) Existing Art Work - coordinate removal with 6A contractor.
 - d) Existing spiral stair Building A note D27.
30. Attend Historic Treatment Program meetings as required. Prepare Historic Treatment Program documentation as required including Fire Prevention Program.
31. Provide Preconstruction Documentation not limited to photographs and video to document as-built conditions and pre-existing condition to materials that are to be salvaged by this Bid Package.

Description of Work Excluded

- A. Removal of exterior concrete and masonry per building demolition Notes D2, D4, D5, D8, D10, D20, D21, and D22. This work to be by Building Demolition Package 2A, and Earthwork Package 31A.
- B. Removal of roofing materials
- C. Removal of precast copings
- D. Any work associated with existing cupolas

SECTION 001020 BID PACKAGES
3A – BUILDING CONCRETE

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Building Concrete** work herein known as **Bid Package 3A**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated March 31, 2016, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 033000 Cast-In-Place Concrete (building)
 - D. Section 072600 Vapor Retarders (as applicable)
 - E. Section 312000 Earth Moving (as required)
 - F. Section 316615 Drilled Helical Piles
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements.

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, and materials to complete all building concrete as indicated on the bid documents and as specified.
2. Provide all concrete deck in-fills in existing roof structure. Coordinate with A026 and S-120
3. Include all lightweight concrete floor topping as identified in building A&B.
4. Provide shoring of new basement foundation wall at Building C (Structural Drawings S-113 and S-401) for backfilling, or until new Level 1C steel is installed. Backfill will be by Bid Package 31A (earthwork).
5. Provide Greenhouse foundations and slab as shown and detailed. Reference all Civil, Landscape, and Structural drawings for information.
6. Provide all site retaining walls, stair walls, and associated foundations as shown and detailed per the Civil Drawings, Landscape Drawings, and Structural Drawings S-010 and S-011. Note all work is to be completed in accordance with specification section 033000 Cast-In-Place Concrete. Cost is also to include repairs to existing concrete wall as shown on drawing S-010, item number 5 under "Legend". This includes required saw cutting.
7. Include excavation and backfill of all site retaining walls.
8. Provide concrete backup and foundation for all brick piers identified as BP on Landscape Plan L1.01 and per detail 6/L1.07.
9. Provide all concrete entry seat walls/foundations as shown on Landscape Drawing L1.02 and detail 5/L1.02.
10. Provide all concrete light bench/seat blocks identified as B2 on drawing L1.02 and per detail 2/L1.06.

SECTION 001020 BID PACKAGES
3A – BUILDING CONCRETE

11. Provide all concrete Outdoor Learning Nook seat/gravity walls identified as W1 on drawing L1.03 and detail 3/L1.07.
12. Include an allowance of 1,000 sf of concrete, forming, stripping and reinforcing for mechanical and electrical equipment pads.
13. Include an allowance of 1,200 sf of concrete slab on grade floor patching.
14. Include the removal off-site of all spoils generated from foundations and foundation wall installation. May coordinate with earthwork bid package 31A for possible reuse.
15. Owner will provide concrete testing services. The Contractor shall provide curing boxes with heat or ice as appropriate for the weather conditions for use by the Testing Agency and shall place and relocate boxes as directed by the Construction Manager. Contractor shall immediately submit all concrete delivery tickets and proportion certificates to the Testing Agency at time of delivery. Pour schedule shall be submitted to the Construction Manager at the weekly Foreman's meeting.
16. Provide all necessary coordination as required to properly locate imbeds, inserts and anchor bolts with other trades.

Description of Work Excluded

1. Site concrete not noted above. See Bid Packages 31A and 32A for more information.

Alternates

1. Provide Alternate Price No. C-A2: Outdoor Learning Nooks. See Spec Section 012300.
2. Provide Alternate Price No. C-A3: Unit Pavers. See Spec Section 012300.
3. Provide Alternate Price No. C-A4: Seat Blocks. See Spec Section 012300.
4. Provide Alternate Price No. C-A7: Site Wall Stencil. See Spec Section 012300.

SECTION 001020 BID PACKAGES
4A - MASONRY

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Masonry** work herein known as **Bid Package 4A**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated March 31, 2016, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 042000 Unit Masonry
 - D. Section 044200 Exterior Stone Trim (alternate)
 - E. Section 047200 Cast Stone Masonry (base bid)
 - F. Section 072100 Thermal Insulation (as required)
 - G. Section 079200 Joint Sealants (as applicable for Cast Stone)
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, and materials to complete all masonry work as indicated on the documents and as specified.
2. Install all bearing plates into existing cmu and brick walls. Division 5A will provide layout, elevation, anchor bolts, leveling and bearing plates.
3. Base bid to include all Cast Stone Masonry per Section 047200. Provide an alternate price to replace cast stone with Limestone per specification 044200 Exterior Stone Trim.
4. This trade contractor to remove all existing precast copings and sills at existing buildings as shown, and provide all new flashings, new precast and installation as indicated. In particular include Notes R4 and R5 on Building Elevation Drawings A201, A202, and A203. This includes all repairs to any brick supporting new precast.
5. This trade contractor to review the notes on the Demo Plans and Elevations Drawings A021 through A033, and include any necessary masonry patching or infill due to demolition work, not covered by other Bid Packages.
6. Provide all brick piers with cast stone caps identified as BP on Landscape Plan L1.01 and per detail 6/L1.07.
7. Provide all brick entry seat walls with cast stone caps as shown on Landscape Drawing L1.02 and detail 5/L1.02.
8. Provide all brick light benches (seat blocks) with cast stone caps identified as B2 on drawing L1.02 and per detail 2/L1.06.

SECTION 001020 BID PACKAGES

4A - MASONRY

9. Reference Civil and Landscape drawings for masonry seat walls, precast caps, and brick piers.
10. Set salvaged wall caps on seating and concrete walls as identified on Civil and Landscape drawings. Precast caps will be removed, stacked on pallets and stored on site by the Demolition trade contractor (2A) for your re-use. Include all cutting and fitting of same.

Description of Work Excluded

1. Masonry restoration work. See Bid Package 4B.

Alternates

1. Provide Alternate Price No. C-A4: Seat Blocks. See Spec Section 012300.
2. Provide Alternate Price No. A-A12: Limestone in lieu of Cast Stone.

SECTION 001020 BID PACKAGES
4B – MASONRY RESTORATION

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Masonry Restoration** work herein known as **Bid Package 4B**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated March 31, 2016, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 013591 Historic Treatment Procedures (as required)
 - D. Section 040310 Historic Masonry Cleaning
 - E. Section 040320 Historic Unit Masonry Repointing
 - F. Section 040340 Historic Unit Masonry Repair
 - G. Section 042000 Unit Masonry (as required)
 - H. Section 050371 Historic Decorative Metal Cleaning
 - I. Section 050374 Historic Decorative Metal Replication
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, and materials to complete all masonry restoration work as indicated on the documents and as specified.
2. This trade contractor to include all materials, lifts, and equipment to complete their scope of work.
3. Provide repair to existing concrete retaining walls per Legend Notes 3, 4, 6, and 7 on Structural Drawings S-010 and details on S-011.
4. Power wash entire exterior of existing buildings.
5. Provide all building restoration work as shown and required, including Notes R1 through R46 for all building exterior restoration work per Building Elevations on Drawings A201, A202, and A203. The only exception will be Notes R4, R5, and R28. These will be done by Masonry Package 4A, and Roofing Package 7C.
6. Attend Historic Treatment Program meetings as required. Prepare Historic Treatment Program documentation as required including Fire Prevention Program and Preconstruction Documentation/photographs.
7. Allowance No. 2 – Brick Repointing. Include in your base bid an allowance of 3,000 sf for repointing brick to brick joints as described in 040320 Historic Unit Masonry Repointing.

SECTION 001020 BID PACKAGES
4B – MASONRY RESTORATION

Unit Price No. 2 – Brick Repointing: Provide a unit price for furnishing and installing Historic Unit Masonry Repointing in accordance with Allowance No. 2. This unit price will be used to adjust any additions or deductions from the Allowance No. 2 based on measured quantities. See Unit Prices Section 012200.

Description of Work Excluded

Allowance No. 3 – Precast Stone allowance of \$10,000. This allowance will be carried by the CM.

SECTION 001020 BID PACKAGES
5A - METALS

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Metals** work herein known as **Bid Package 5A**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated March 31, 2016, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 051200 Structural Steel Framing
 - D. Section 053100 Steel Decking
 - E. Section 055000 Metal Fabrications
 - F. Section 055113 Metal Pan Stairs
 - G. Section 055213 Pipe and Tube Railings
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, and materials to complete all metals work as indicated on the documents and as specified.
2. Provide all required dry packing of all beams and lintels as required.
3. Reference all civil and landscaping drawings for site rails, and dumpster pipe bollards.
4. Provide all structural steel deck in-fills in existing roof structure. Coordinate with A026 and S-120.
5. Provide all structural steel deck in-fills in existing floor structure.
6. Provide all safety rails and cables at perimeter, floor, and roof openings at the new addition. Cables will be taken down and stored on site by the 6A trade contractor for removal from site by this contractor 5A.
7. Provide temporary 2x wood infills at pan stairs and landings. Wood to be removed by the 3A trade contractor.
8. Trade contractor shall have all new stairs installed with the erection of the structural steel and prior to deck pours.

SECTION 001020 BID PACKAGES
6A – CARPENTRY

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Carpentry** work herein known as **Bid Package 6A**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated March 31, 2016, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 061000 Rough Carpentry
 - D. Section 061063 Exterior Rough Carpentry
 - E. Section 062023 Interior Finish Carpentry (as applies)
 - F. Section 079513.13 Interior Expansion Joint Cover Assemblies
 - G. Section 081113 Hollow Metal Doors and Frames (install only)
 - H. Section 081416 Flush Wood Doors (install only)
 - I. Section 087100 Door Hardware (install only)
 - J. Section 104413 Fire Extinguisher Cabinets (install only)
 - K. Section 107516 Ground-Set Flagpoles (install only)
 - L. Section 110000 Miscellaneous Equipment (install only)
 - M. Section 124813 Entrance Floor Mats and Frames (install only)
 - N. Section 129300 Site Furnishings (erect and install only all items identified)
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, and materials to complete all carpentry work as indicated on the documents and as specified.
2. This contractor shall include 320 man-hours for additional carpentry services as directed by the CM. This work will be documented and unused hours will be credited.
3. Provide all in-wall blocking required – at all drywall partitions - for toilet accessories, display cases, chalk and tackboards, toilet compartments, mirrors, and wall and base cabinets (3 rows).
4. Provide all wood blocking and plywood required and shown at window openings, coordinate with window manufacturer.
5. Include stackable seat blocks as identified on Landscape drawings and per detail 3/L1.06. Reference specification section 129300 site furnishings paragraph 2.3 for materials and construction.

SECTION 001020 BID PACKAGES

6A – CARPENTRY

6. Provide and install Raised Garden Planters (Reference 4/ L1.03, 1/L1.04 and 6/L1.06). Landscaper to provide all soils and fill for same. Coordinate locations with Landscaper. Reference specification section 129300 site furnishings paragraph 2.6 for materials and construction.
7. Receive, assemble, and install the following items as identified in specification section 129300 Site Furnishings. Reference Civil and Landscape drawings for counts and locations:
 - a) 2.1 Seating Bench B1
 - b) 2.2 Seating Wood Seat Block 3/L1.06 (fabricate and install)
 - c) 2.3 Bicycle Racks BR
 - d) 2.4 Trash Receptacles LR
 - e) 2.5 Planters GP 6/L1.06 (fabricate and Install)
 - f) 2.7 Bollards BL
8. Provide the fabrication and installation of exterior chalkboard with Stainless Steel frame located at the outdoor learning center (reference 4/L1.04)
9. Remove existing Art Work and store on site (reference D11- A022). Coordinate storage location with CM
10. Remove and salvage small monument located at school entrance. Coordinate storage location with CM.
11. Provide temporary building enclosure at areas where existing building has been removed. Provide a lockable opening 6-0x7-0 at each floor for future access to new building construction. Framing to be 2x6 wood or metal stud walls with ¾” exterior grade plywood with number 15 felt attached to the exterior. Reference A032 elevation 1 & 2 for location. Coordinate with demolition trade contractor.
12. Provide all wood trim at all window locations.
13. Receive, inventory, store, and install all hollow metal frames and doors, and wood doors. Store all materials per the manufacturer’s instructions.
14. Receive, inventory, store, and install all door hardware. CM to provide a secure location on site.
15. Install all miscellaneous project items as identified in above specifications.
16. All safety rails and cables at perimeter, and all floor and roof openings at the new addition will be installed by Metal contractor 5A. Cables will be taken down and stored on site by the 6A trade contractor for removal from site by trade contractor 5A.
17. Attend Historic Treatment Program meetings as required. Prepare Historic Treatment Program documentation as required including Fire Prevention Program and Preconstruction Documentation/photographs.

Description of Work Excluded

1. All roof blocking – to be by trade package 7C.

SECTION 001020 BID PACKAGES
6B - MILLWORK

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Millwork** work herein known as **Bid Package 6B**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated March 31, 2016, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 062023 Interior Finish Carpentry (as applies)
 - D. Section 115123 Library Stack Systems
 - E. Section 123623.13 Plastic-Laminated-Clad Countertops (as applies)
 - F. Section 123661.16 Solid Surfacing Countertops (as applies)
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, and materials to complete all millwork work as indicated on the documents and as specified.
2. Millwork includes all shelving as identified by "S" per the Casework Schedule.
3. Provide all countertops and supports not associated with base cabinets. These countertops will be provided by Bid Package 12B Casework.
4. Provide all miscellaneous finished architectural wood items – trim, benches, etc.
5. Provide built-in shelving at Art Studio 3D 327. Reference 3/A549.
6. Provide all architectural wood trim and wood veneer paneling, plastic laminate tops, solid surface trim, and wood stair risers at Collaboration Learning per drawings A506 - A508.
7. Provide all solid surface sills and aprons at all window locations.
8. Provide dance barre and supporting brackets at Theatre Dance 231.
9. Attend Historic Treatment Program meetings as required. Prepare Historic Treatment Program documentation as required including Fire Prevention Program and Preconstruction Documentation/photographs.
10. Coordinate this work with Bid Package 6A Carpentry.

Description of Work Excluded

1. All casework and associated countertops other than noted above.

SECTION 001020 BID PACKAGES
7A – WATERPROOFING & JOINT SEALANTS

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Waterproofing and Joint Sealants** work herein known as **Bid Package 7A**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated March 31, 2016, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 071326 Self-Adhering Sheet Waterproofing
 - D. Section 078443 Joint Firestopping (as required)
 - E. Section 079200 Joint Sealants
 - F. Section 321373 Concrete Paving Joint Sealants
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, and materials to complete all waterproofing and joint sealants work as indicated on the documents and as specified.
2. Waterproof existing foundation walls per building demolition Note D20 on Drawing A 021 Demo Plans-L0. This includes all required wall prep per the manufactures recommendations, parging, membrane, drainage mat, and protection board. Excavation, drain tile and backfill will be by the 32A trade contractor. Coordinate with this contractor during the back fill operations to assure the integrity of your system.
3. Provide waterproofing at new elevator pit at Building C as required.
4. Provide waterproofing and protection board at new concrete basement foundation wall (Bldg C– Level 0) as required. See Drawing A113, A302, and Foundation C plan 2/S-113.
5. Provide exterior joint sealants at all site work expansion and control joints including concrete and brick paver sidewalk joints, sidewalks to curbs, sidewalks to walls, sidewalks to buildings (or other structures), and retaining wall control joints.
6. Provide joint sealants at new exterior masonry building joints, and cast stone bands, sills, and copings at Building B - North Addition, and Building C - East Addition as required. See Building Elevations Drawings A204 and A205. Note exclusions below.
7. Provide joint sealants at new exterior hollow metal door frames.
8. Provide joint sealants at new interior exposed CMU partitions expansion joints.
9. Provide all lifts as required to perform this contractor's scope of work.

SECTION 001020 BID PACKAGES
7A – WATERPROOFING & JOINT SEALANTS

Description of Work Excluded

1. Interior and exterior caulking of all aluminum windows, storefront, and curtainwall. This work will be done by Bid Package 8C.
2. Interior caulking of hollow metal frames. This work will be done by Bid Package 9G.

SECTION 001020 BID PACKAGES

7B – FLUID-APPLIED MEMBRANE AIR BARRIER

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Membrane Air Barrier** work herein known as **Bid Package 7B**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated March 31, 2016, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 072726 Fluid-Applied Membrane Air Barriers
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, and materials to complete all membrane air barrier work as indicated on the documents and as specified.
2. Include lift as needed for your work.

SECTION 001020 BID PACKAGES
7C - ROOFING

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Roofing** work herein known as **Bid Package 7C**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated March 31, 2016, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 061000 Rough Carpentry (all roof blocking)
 - D. Section 070150.19 Preparation for Reroofing
 - E. Section 072100 Thermal Insulation (as applies)
 - F. Section 073113 Asphalt Shingles (alternate for metal roof)
 - G. Section 074113.16 Standing-Seam Metal Roof Panels
 - H. Section 075423 Thermoplastic Polyolefin (TPO) Roofing
 - I. Section 076200 Sheet Metal Flashing and Trim
 - J. Section 077100 Roof Specialties
 - K. Section 077200 Roof Accessories (roof hatch only)
 - L. Section 079513.16 Exterior Expansion Joint Cover Assemblies
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, and materials to complete all roofing work as indicated on the documents and as specified.
2. This contractor to include demolition of all existing roofing materials at renovated Buildings A and B.
3. This contractor to include new roofing at renovated Buildings A and B, including Notes R28 on Building Elevation Drawings A201, A202, and A203.
4. Provide all roof blocking as required and shown.

Alternates

1. Provide Alternate Price No. A-A4: Asphalt Shingle Roofing. See Spec Section 012300.

SECTION 001020 BID PACKAGES
8A – DOORS, FRAMES, & HARDWARE

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Doors, Frames, and Hardware** work herein known as **Bid Package 8A**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated March 31, 2016, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 081113 Hollow Metal Doors and Frames (furnish only)
 - D. Section 081416 Flush Wood Doors (furnish only)
 - E. Section 087100 Door Hardware (furnish only)
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, and materials to furnish all doors, frames, and hardware as indicated on the documents and as specified.
2. Furnish all cylinders for aluminum entrance doors.
3. Installation of doors, frames, and hardware is included in Bid Package 6A Carpentry.

Description of Work Excluded

1. Aluminum entrance door hardware, and automatic door operators – to be by Package 8C.

SECTION 001020 BID PACKAGES
8B – OVERHEAD COILING DOORS

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Overhead Coiling Doors** work herein known as **Bid Package 8B**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated March 31, 2016, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 083313 Coiling Counter Doors
 - D. Section 083500 Side Coiling Doors
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, and materials to complete all coiling and overhead door work as indicated on the documents and as specified.
2. Provide all blocking and supports for overhead and coiling doors as required.

SECTION 001020 BID PACKAGES

8C – ALUMINUM ENTRANCES, STOREFRONT, AND CURTAINWALL

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Aluminum Entrance, Storefront, and Curtainwall** work herein known as **Bid Package 8C**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated March 31, 2016, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 072100 Thermal Insulation (as applies)
 - D. Section 078443 Joint Firestopping (as required)
 - E. Section 084113 Aluminum-Framed Entrances and Storefronts
 - F. Section 084413 Glazed Aluminum Curtain Walls
 - G. Section 085113 Aluminum Windows
 - H. Section 087100 Door Hardware (as required)
 - I. Section 087113 Automatic Door Operators (all door type locations)
 - J. Section 088000 Glazing
 - K. Section 088300 Mirrors
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, and materials to complete all aluminum entrance, storefront, curtainwall, window, and glass work as indicated on the documents and as specified.
2. Provide all new windows as shown and specified.
3. All existing windows to be replaced, will be removed by the hazmat abatement contractor in Bid Package 2B. This trade contractor will coordinate and work with the abatement contractor to install new windows as scheduled.
4. Provide all aluminum entrance doors and corresponding door hardware.
5. Provide framing sizes and reinforcing necessary for curtainwall and storefront configurations as shown.
6. Provide interior and exterior caulking of all windows, storefront, and curtainwall as required.
7. Provide all miscellaneous interior hollow metal door and window frame glass as required.

SECTION 001020 BID PACKAGES

9A – DRYWALL, ACOUSTICAL, AND INSULATION

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Drywall, Acoustical, and Insulation** work herein known as **Bid Package 9A**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated March 31, 2016, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 054000 Cold-Formed Metal Framing
 - D. Section 055813 Column Covers
 - E. Section 062530 Slotted Wall Panel Systems
 - F. Section 072100 Thermal Insulation
 - G. Section 072119 Foamed-In-Place Insulation
 - H. Section 078443 Joint Firestopping (as required)
 - I. Section 079219 Acoustical Joint Sealants
 - J. Section 090320 Historic Treatment of Plaster
 - K. Section 092116.23 Gypsum Board Shaft Wall Assemblies
 - L. Section 092216 Non-Structural Metal Framing
 - M. Section 092900 Gypsum Board
 - N. Section 095113 Acoustical Panel Ceilings
 - O. Section 095133 Acoustical Metal Pan Ceilings
 - P. Section 098433 Sound-Absorbing Wall Units
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, and materials to complete all drywall, acoustical, and insulation work as indicated on the documents and as specified.
2. Provide foamed-in-place insulation at existing exterior walls where shown and required. The work shall include remove of any dust or dirt from the wall surfaces that would adversely affect adherence.
3. Provide all slotted wall panel systems.
4. Note attic drywall/ceiling system at existing building B (detail 7/A4.01). Applies to entire attic space to separate from Third Floor Level.

SECTION 001020 BID PACKAGES
9A – DRYWALL, ACOUSTICAL, AND INSULATION

Alternates

1. Provide Alternate Price No. A-A5: Acoustical Panel Ceiling. See Spec Section 012300.
2. Provide Alternate Price No. A-A11: Music Room Ceiling. See Spec Section 012300.

SECTION 001020 BID PACKAGES
9B – CERAMIC TILING

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Ceramic Tiling** work herein known as **Bid Package 9B**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated March 31, 2016, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 093013 Ceramic Tiling
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, and materials to complete all ceramic tiling work as indicated on the documents and as specified.
2. Provide all waterproofing as shown and specified.

Alternates

1. Provide Alternate Price No. A-A3: Ceramic Wall Tile. See Spec Section 012300.

SECTION 001020 BID PACKAGES
9C – WOOD FLOORING

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Wood Flooring** work herein known as **Bid Package 9C**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated March 31, 2016, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 096413 Wood Floor Refinishing
 - D. Section 096466 Wood Athletic Flooring
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, and materials to complete all wood flooring work as indicated on the documents and as specified.

SECTION 001020 BID PACKAGES
9D – RESILIENT FLOORING & BASE

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Resilient Flooring and Base** work herein known as **Bid Package 9D**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated March 31, 2016, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 096513 Resilient Base and Accessories
 - D. Section 096519 Resilient Tile Flooring
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, and materials to complete all resilient flooring, base, treads, landings, and accessory work as indicated on the documents and as specified.
2. Provide skim coating under all new resilient floor tile.

Alternates

3. Provide Alternate Price No. A-A1: Resilient Tile Flooring (all). See Spec Section 012300.
4. Provide Alternate Price No. A-A2: Resilient Tile Flooring (corridors). See Spec Section 012300.

SECTION 001020 BID PACKAGES
9E - TERRAZZO FLOORING

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Terrazzo Flooring** work herein known as **Bid Package 9E**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated March 31, 2016 CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 096614 Restoration of Terrazzo Floors
 - D. Section 096623 Resinous Matrix Terrazzo Flooring
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, and materials to complete all terrazzo flooring work as indicated on the documents and as specified.

SECTION 001020 BID PACKAGES
9F - RESINOUS FLOORING

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Resinous Flooring** work herein known as **Bid Package 9F**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated March 31, 2016, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 096723 Resinous Flooring
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, and materials to complete all resinous flooring work as indicated on the documents and as specified.

SECTION 001020 BID PACKAGES

9G – PAINTING

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Painting** work herein known as **Bid Package 9G**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated March 31, 2016, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 097200 Presentation Dry Erase Wall Covering
 - D. Section 099113 Exterior Painting
 - E. Section 099123 Interior Painting
 - F. Section 099600 High-Performance Coatings
 - G. Section 099726 Exterior Cementitious Coating Existing Concrete
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, and materials to complete all painting work as indicated on the documents and as specified.
2. Include painting of existing concrete retaining walls per note 2/L1.04. Reference Civil and Landscaping Drawings.

SECTION 001020 BID PACKAGES
10A - SPECIALTIES

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Specialties** work herein known as **Bid Package 10A**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated March 31, 2016, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 101100 Visual Display Boards
 - D. Section 102113 Toilet Compartments
 - E. Section 102123 Cubicle Curtains and Track
 - F. Section 102800 Toilet, Bath, and Laundry Accessories
 - G. Section 104413 Fire Extinguisher Cabinets (furnish only)
 - H. Section 104416 Fire Extinguishers (furnish only)
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, and materials to furnish, or furnish and install all specialties work as indicated on the documents and as specified in above listed Sections.
2. Note – includes all toilet and bath accessories as identified and shown in all teaching spaces.
3. Fire Extinguishers and Cabinets installed under Bid Package 6A.

SECTION 001020 BID PACKAGES
10B - SIGNAGE

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Signage** work herein known as **Bid Package 10B**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated March 31, 2016, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 101419 Dimensional Letter Signage
 - D. Section 101423 Panel Signage
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, and materials to complete all signage work as indicated on the documents and as specified.

SECTION 001020 BID PACKAGES
10C – METAL LOCKERS

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Metal Lockers** work herein known as **Bid Package 10C**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated March 31, 2016, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 105113 Metal Lockers
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, and materials to complete all metal locker work as indicated on the documents and as specified.

SECTION 001020 BID PACKAGES
10D – FLAGPOLES

Scope of Work:

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Flagpoles** work herein known as **Bid Package 10D**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated March 31, 2016, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 107516 Ground-Set Flagpoles (furnish only)
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, and materials to furnish all flagpole work as indicated on the documents and as specified.
2. Installation of flagpoles in Bid Package 6A Carpentry.

SECTION 001020 BID PACKAGES
10E – TRANSLUCENT CANOPY SYSTEMS

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Translucent Canopy Systems** work herein known as **Bid Package 10E**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated March 31, 2016, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 107300 Translucent Canopy Systems
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, and materials to complete all canopy work as indicated on the documents and as specified.
2. Base Bid includes canopy work at Vestibule 100A, reference drawing A-114.

Alternates

1. Provide Alternate Price No. A-A7: Canopy at Entry 001A.
2. Provide Alternate Price No. A-A8: Canopy at Lobby 100H.
3. Provide Alternate Price No. A-A9: Canopy at Corridor 100G.
4. Provide Alternate Price No. A-a10: Canopies at Receiving 031 and Stair C1-1.

SECTION 001020 BID PACKAGES
11A – MISCELLANEOUS EQUIPMENT

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Miscellaneous Equipment** work herein known as **Bid Package 11A**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated March 31, 2016, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 110000 Miscellaneous Equipment (furnish only)
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, and materials to furnish all miscellaneous equipment work as indicated on the documents and as specified.
2. Installation of Miscellaneous Equipment is in Bid Package 6A Carpentry.

SECTION 001020 BID PACKAGES

11B – FOODSERVICE, APPLIANCES, & LAUNDRY EQUIPMENT

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Foodservice, Residential Appliances, and Laundry Equipment** work herein known as **Bid Package 11B**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated March 31, 2016, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 113100 Residential Appliances
 - D. Section 113113 Commercial Laundry Equipment
 - E. Section 114000 Foodservice Equipment
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, and materials to complete all foodservice, appliances, and laundry equipment work as indicated on the documents and as specified.

SECTION 001020 BID PACKAGES
11D – PROJECTION SCREENS

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Projection Screens** work herein known as **Bid Package 11D**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated March 31, 2016, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 115213 Projection Screens
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, and materials to complete all projection screens work as indicated on the documents and as specified.
2. Projection screen is located at Dining Room 141.

SECTION 001020 BID PACKAGES
11E – STAGE CURTAINS

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Stage Curtains** work herein known as **Bid Package 11E**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated March 31, 2016, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 116143 Stage Curtains
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, and materials to complete all stage curtains work as indicated on the documents and as specified.
2. Curtains are located at Theater/Dance Room 231. This includes all required supports.
3. This trade contractor to include the pipe grid system located at Theater/Dance Room 231. This includes all required supports.

SECTION 001020 BID PACKAGES
11F – GYMNASIUM EQUIPMENT

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Gymnasium Equipment** work herein known as **Bid Package 11F**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated March 31, 2016, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 116623 Gymnasium Equipment
 - D. Section 116653 Gymnasium Dividers
 - E. Section 126600 Telescoping Stands
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, and materials to complete all gymnasium equipment work as indicated on the documents and as specified.
2. This trade contractor to include all supports and fasteners as required to install gym equipment.

Alternates

1. Provide manually operated telescoping bleachers, that meet the specified criteria and product.

SECTION 001020 BID PACKAGES
12A – WINDOW TREATMENT

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Window Treatment** work herein known as **Bid Package 12A**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated March 31, 2016, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 122413 Roller Window Shades
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, and materials to complete all window treatment work as indicated on the documents and as specified.

SECTION 001020 BID PACKAGES

12B – CABINETS, CASEWORK, AND COUNTERTOPS

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Cabinets, Casework, and Countertops** work herein known as **Bid Package 12B**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated March 31, 2016, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 064113 Wood-Veneer-Faced Architectural Cabinets
 - D. Section 115313 Laboratory Fume Hoods
 - E. Section 123216 Manufactured Plastic-Laminate-Faced Casework
 - F. Section 123553.13 Metal Laboratory Casework
 - G. Section 123553.19 Wood Laboratory Casework
 - H. Section 123623.13 Plastic-Laminate-Clad Countertops
 - I. Section 123661.16 Solid Surfacing Countertops (as applies)
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, and materials to complete all casework, cabinets, and countertop work as indicated on the documents and as specified.
2. Coordinate this work with Millwork Bid Package 6B.

Alternates

1. Provide Alternate Price No. A-A6: Educational Casework. See Spec Section 012300.

SECTION 001020 BID PACKAGES
12C – ENTRANCE MATS

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Entrance Mats** work herein known as **Bid Package 12C**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated March 31, 2016, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 124813 Entrance Floor Mats and Frames (furnish only)
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, and materials to furnish all entrance mat work as indicated on the documents and as specified.
2. Installation of Entrance Mats is included in Bid Package 6A Carpentry.

SECTION 001020 BID PACKAGES
12D – SITE FURNISHINGS

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Site Furnishings** work herein known as **Bid Package 12D**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated March 31, 2016, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 129300 Site Furnishings (furnish only)
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, and materials to furnish all site furnishings work as indicated on the documents and as specified.
2. Furnish and deliver the following items as identified in specification section 129300 Site Furnishings. Reference Civil and Landscape drawings for counts and locations:
 - a) 2.1 Seating Bench B1
 - b) 2.3 Bicycle Racks BR
 - c) 2.4 Trash Receptacles LR
 - d) 2.7 Bollards BL
3. Installation of Site Furnishings included in Bid Package 6A Carpentry.

SECTION 001020 BID PACKAGES
13A - GREENHOUSE

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Greenhouse** work herein known as **Bid Package 13A**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated March 31, 2016, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 130123 Greenhouse
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, and materials to complete all greenhouse work as indicated on the documents and as specified.
2. Two greenhouses are required as shown on drawing A511.

SECTION 001020 BID PACKAGES
14A – ELEVATORS

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Elevators** work herein known as **Bid Package 14A**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated March 31, 2016, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 142123.16 Machine-Room-Less Electric Traction Passenger Elevators
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, and materials to complete all elevator work as indicated on the documents and as specified.
2. This contractor to provide an initial inspection of each elevator prior to third-party inspection. This report to be provided to the CM for distribution and corrections. Elevator contractor to verify this inspection is complete prior to third-party inspection.

SECTION 001020 BID PACKAGES
21A – FIRE PROTECTION

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Fire Protection** work herein known as **Bid Package 21A**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated March 31, 2016, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 078413 Penetration Firestopping (as applies)
 - D. Division 21 Fire Suppression (complete)
 - E. Division 22 Plumbing (as applies)
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, and materials to complete all fire protection work as indicated on the documents and as specified.
2. This contractor is to include all field verification for both shop drawings and installation.
3. All shop drawings to be completed in a 3-D format that can be utilized in the current BIM model.
4. Include all core drilling for floor and wall penetrations in existing buildings as required for this bid package.

SECTION 001020 BID PACKAGES
22A – PLUMBING & HVAC SYSTEMS

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Plumbing and HVAC Systems** work herein known as **Bid Package 22A**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated March 31, 2016, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 078413 Penetration Firestopping (as applies)
 - D. Section 083113 Access Doors and Frames (as applies)
 - E. Section 089119 Fixed Louvers (complete)
 - F. Division 22 Plumbing (complete)
 - G. Division 23 Heating, Ventilating, and Air Conditioning (complete)
 - H. Geothermal system complete
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal.

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, and materials to complete all plumbing and HVAC systems work as indicated on the documents and as specified.
2. Earthwork Bid Package 32A will excavate geothermal field and install and remove all SEC devices per drawing C1.40. Excavated material will be stockpiled for re-use as backfill under this trade package 22A. Trade package 22A will maintain all devices and remove from site all spoils related to the installation of the geothermal wells, piping and vault. Final grade to be left at new paving stone sub-base.
3. Include all temporary heating equipment and its distribution with required piping and venting to maintain a building temperature of 55 degrees during construction.
4. Include in base bid an allowance of \$50,000.00 for fuel consumption only. Gas is currently available and all required piping to temporary heating equipment shall be included.
5. This trade contractor to include installation of foundation drain, stone, and filter cloth per plumbing drawings and details on drawing A401. Earthwork Bid Package 31A will excavate and backfill for this work.
6. Include all core drilling/saw cutting for floor, wall, and roof penetrations in existing buildings as required for this bid package.
7. Include all saw cutting and concrete removal as required for underground mechanical systems at existing buildings floor slabs. Patching of slab on grade will be in bid package 3A.
8. This scope includes all required coordination drawings as issued by future addendum.

SECTION 001020 BID PACKAGES
22A – PLUMBING & HVAC SYSTEMS

9. This trade contractor to include new water service piping to Fire Pump Room 021 as indicated on drawing FP-113. Reference Civil Drawing C-1.22 for new domestic and fire water service.
10. Bid Package 22A and 26A will provide in two locations temporary power and water stations for use during demolition. Demolition contractor to maintain and protect these locations and services.
11. Bid Packages 22A and 26A to disconnect and make safe building, from existing-to-remain buildings.

Alternates

1. Provide Alternate Price No. M-A1: Domestic Water Piping. See Spec Section 012300.
2. Provide Alternate Price No. M-A2: Above Grade Storm and Sanitary Piping. See Spec Section 012300.
3. Provide Alternate Price No. M-A3: Below Grade Storm and Sanitary Piping. See Spec Section 012300.

SECTION 001020 BID PACKAGES

26A – ELECTRICAL, TELECOM, & SECURITY SYSTEMS

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Electrical, Telecom, and Security Systems** work herein known as **Bid Package 26A**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated March 31, 2016, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 078413 Penetration Firestopping (as required)
 - D. Section 083113 Access Doors (as required)
 - E. Division 26 Electrical (complete)
 - F. Division 27 Technology (complete)
 - G. Division 28 Security (complete)
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, and materials to complete all electrical, telecom, and security systems work as indicated on the documents and as specified.
2. Provide all temporary electric and lighting as required for the jobsite and construction trailers. Electrical contractor may use the existing service for temporary electric and lighting, until the new service can be energized. The electrical contractor shall provide a temporary service (400 amp 3phase 115/208 volt) to serve the project in the event the existing service must be removed before the new service is energized. Electrical contractor to coordinate location with BGE.
3. Include in Base Bid an allowance of \$40,000 for electrical consumption only.
4. Include all core drilling for floor, wall, and roof penetrations in existing buildings as required for this bid package.
5. All shop drawings to be completed in a 3-D format that can be utilized in the current BIM model.
6. Include all concrete for pole bases and duct banks as shown and required. Housekeeping pads to be by Concrete Bid Package 3A.
7. Include all required permits for this scope of work.

SECTION 001020 BID PACKAGES

26A – ELECTRICAL, TELECOM, & SECURITY SYSTEMS

8. Bid Package 22A and 26A will provide in two locations temporary power and water stations for use during demolition. Demolition contractor to maintain and protect these locations and services.
9. Bid Packages 22A and 26A to disconnect and make safe building, from existing-to-remain buildings.

Alternates

1. Provide Alternate Price No. E-A1: Aluminum Electric Feeders.

SECTION 001020 BID PACKAGES
31A – EARTHWORK, PAVING, & UTILITIES

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Earthwork, Sediment Erosion, Paving, and Utilities** work herein known as **Bid Package 31A**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated 3/31/16, and CAM Construction's Instructions to Trade Package Bidders and General Requirements.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 015639 Temporary Tree and Plant Protection
 - D. Section 311000 Site Clearing
 - E. Section 312000 Earth Moving
 - F. Section 312319 Dewatering
 - G. Section 321216 Asphalt Paving
 - H. Section 321313 Concrete Paving (as required)
 - a) Curb and Gutter (C-3)
 - b) Concrete Entrance Aprons
 - c) Concrete Roadway Paving (C-20)
 - d) Vehicular Concrete Paver Slab (C-24)
 - e) Concrete Dumpster Pad (C-20)
 - I. Section 321713 Parking Bumpers
 - J. Section 321723 Pavement Markings
 - K. Section 330500 Common Work Results For Utilities
 - L. Section 334100 Storm Utility Drainage Piping
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all earthwork including clearing, excavation, fill, and haul-off as required by bid documents.
2. Provide all dewatering and controls to prevent ponding and accumulation of water on the site. Dewatering to be provided and maintained as shown and specified on the documents.
3. Provide all stabilization of disturbed areas as it pertains to your work and indicated.
4. Include all Micro-bioretenion ponds complete including all required soil mix per note 12 below.
5. Provide all tree protection.
6. Include all maintenance and refurbishing of all SEC devices and entrances while on site.

SECTION 001020 BID PACKAGES

31A – EARTHWORK, PAVING, & UTILITIES

7. Include (10) additional refurbishing of SEC entrances to be performed when you are not on site. Provide a unit price to add or delete from this quantity.
8. Include the installation of the stone staging areas at the end of each SCE entrance. Staging area to include filter cloth with 8” compacted RC-6 or CR-6. Include 2 refurbishes for each location. Refurbish to include additional stone, dressing up and rolling and compacting.
9. Include the installation of 12 ft. wide by 200 ft. long temporary access roadway consisting of filter cloth overlain with 8” compacted RC-6 or CR-6. Include 2 refurbishes for the road to include additional stone, dressing up and rolling and compacting. Final location to be determined by the CM. Include removal of access roads.
10. Include the removal of all SEC devices and refurbishing of the area where the devices were removed.
11. Remove underground storage fuel tank (item D-12 C-1.03) in accordance with all regulatory requirements.
12. Strip, stock pile and respreads existing topsoil and furnish and install additional topsoil as required in the thicknesses indicated. The Landscape Bid Package 32D will be responsible for providing necessary soil amendments and mixing per the contract documents.
13. Include all final grading and backfill of all exterior building walls and site structures.
14. Bldg B rear Addition: The existing fill shall be undercut to natural soil or a maximum depth of 8 ft. and replaced with compacted fill to support the spread footings. Reuse of the undercut material will be permissible if determined by the Geotech to be suitable.
15. Bldg C Main Floor Level& Basement: The existing fill shall be undercut to natural soil or a maximum depth of 3 ft. and replaced with compacted fill. Reuse of the undercut material will be permissible if determined by the Geotech to be suitable.
16. Provide backfill of new basement foundation wall at Building C per Structural Drawings S-113 and S-401.
17. The Building Demolition contractor under Bid Package 2A shall leave the footings of the existing 3-story building in place and remove the existing walls to within 4’0” of finished grade. Walls and footings within 4’-0” of the new building “B” addition will be removed in their entirety. It shall be the responsibility of Bid Package 31A to place compacted fill as indicated on the contract documents ensuring that backfill and placement of fill does not leave voids adjacent to existing walls or foundations to remain.
18. Include the complete SEC devices and excavation of the geothermal well field as shown on drawing C-1.40. Excavated material to be tested for use as backfill. For bid purposes, the contractor shall assume that these soils will not be suitable for structural fill or for reuse as backfill in the geothermal well field. Install and remove all SEC devices including sumps and inlet protection. Coordinate with bid package 22A (Mechanical Trade Package).
19. This package shall include all site demolition notes as identified, up to the exterior walls of all buildings. Complete all utility capping to prevent sediment, debris and water entering the systems and as required by local jurisdiction. NOTE: Bid Package 2A will include the razing of the rear addition (3-story building), east addition (2-story building), and the modular building (1-story) as identified by Note D-1 on the Site Demolition Plans.
20. This trade package will include the removal and haul-off of areaways and light wells (concrete and masonry) per building demolition Notes D2 and D10 on Drawing A 021 Demo Plans – L0. Window, louver, and door removal work will be done by others.
21. This trade package will include the removal and haul off of transformer vault walls, slab, and roof per building demolition Note D21 on Drawing A 021 Demo Plans – L0.

SECTION 001020 BID PACKAGES

31A – EARTHWORK, PAVING, & UTILITIES

22. This trade package will include all excavation for the new drain tile (installed by bid package 22A) and the backfill of same, as identified by building demolition Note D20 on Drawing A 021 Demo Plans - L0 and drawing A401. Include hand excavation to protect existing masonry as required. All work shall be coordinated with the 3A (new concrete areaways), 4A (CMU and brick in-fills), 7A (waterproofing exterior wall), and 22A (plumbing) trade contractors.
23. Include the removal of stairs, walls, and foundations per building demolition Notes D4 and D8 on Drawings A 021 (Demo Plan – L0) and A 022 (Demo Plan – L1). Include stabilization of existing building, and hand excavation to protect existing masonry as required.
24. Provide all bituminous paving and stone subbase per the Site Plans and specifications. Includes milling and overlay (C-37) per plans.
25. Provide all pavement line striping, markings, thermoplastic stop bars and parking bumpers per the Site Plans and specifications.
26. Provide all traffic, handicap, and parking type signs (See drawing C-5.01 for details).
27. Provide all concrete curb and gutter, including stone subbase per the Site Plans.
28. Provide site concrete paving (C-20) and stone subbase per the Site Plans including driveway paving, dumpster pad, and entrance aprons as required. This work includes vehicular concrete paver sub-slab (C-24) and stone subbase at front entrance driveway. See detail 2/L1.05 of the Landscape Drawings. Pavers by others.
29. Provide concrete-filled steel bollards at Dumpster Pad Location (C-18) sheet C-502.
30. Provide all storm, sanitary and water utilities complete.
31. Provide a unit price for removing trench rock
32. All work in public streets requires all traffic controls, plating and work in accordance with Baltimore City Book of Standards. Repair and/or replace all public right-of-way road markings and signs damaged during the course of the off site work.
33. All capping of existing utilities (Storm, Sanitary and Water) shall be a part of this trade package. All capping of utilities to be per the jurisdiction requirement.
34. Provide all required testing and certifications as required that the utility piping systems have been installed per local codes and jurisdiction.
35. Provide complete concrete pipe spillway as shown on L1.07 located at the end of the storm water runnel (reference C1.09 and C1.22).
36. Salvage all materials as indicated on the site plans. Salvaged materials shall be installed at an on-site location specified by the CM.
37. Allowance No. 1 – Backfill of Existing Water Conduit. Include in your base bid an allowance of 500 cubic yards of fill material for the structural backfill of the existing water conduit. The allowance shall include all costs including purchase, transport, and installation. See Allowances Section 012100.
38. See Spec Section 012100 for required Unit Prices.

Description of Work Excluded

1. Site concrete other than listed above. See Bid Package 3A and 32A for information.
2. Complete building and selective demolition. See Bid Packages 2A and 2B.
3. All existing and overhead electric will be de-energized and removed by Bid Package 26A (Electrical bid package).

SECTION 001020 BID PACKAGES
31A – EARTHWORK, PAVING, & UTILITIES

Alternates

1. Provide Alternate Price No. C-A3: Unit Pavers. See Spec Section 012300.
2. Provide Alternate Price No. C-A6: Driveway Aprons. See Spec Section 012300.
3. Provide Alternate Price No. C-A8: Berry Street Curb. See Spec Section 012300.

SECTION 001020 BID PACKAGES
32A – SITE CONCRETE

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Site Concrete** work herein known as **Bid Package 32A**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated March 31, 2016, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 321313 Concrete Paving (as required)
 - D. Section 321373 Concrete Paving Joints
 - E. Section 321726 Tactile Warning Surface
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, and materials to complete all site concrete work as indicated on the documents and as specified.
2. Item C-4: Provide all concrete sidewalks and handicap ramps, and compacted sub base. See details sheet C-502.
3. Item C-5: Provide pedestrian unit paver concrete sub-slab and compacted subbase. See detail 1/L1.05 of the Landscape Drawings.
4. Item C-12: Provide all site concrete stairs on grade and compacted subbase. See detail 4/L1.05 of the Landscape Drawings.
5. Item C-14 and C-39: Provide concrete storm water runnel complete with stone subbase, brick paver rowlock, decorative aggregate, and required trench drain where runnel crosses sidewalks. See detail 1/L1.07 of the Landscape Drawings.
6. Provide flagpole foundations. Include the installation of the corrugated sleeve, supplied by others.
7. Include concrete sign stamp (9/L1.07) and color grout fill at locations in sidewalks as shown. Reference L1.01 (5 locations)

Description of Work Excluded

1. See Bid Packages 3A and 31A for more information.

SECTION 001020 BID PACKAGES
32B – UNIT PAVING

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Unit Paving** work herein known as **Bid Package 32B**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated March 31, 2016, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 321400 Unit Paving
 - D. Section 321726 Tactile Warning Surface (as applies)
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, and materials to complete all unit paving work as indicated on the documents and as specified.
2. Include all pedestrian (P2) and vehicular (P3) unit paver work as shown and detailed on the Civil and Landscape Plans.
3. Provide all detectable warning surfaces, paver bands, edging, joints, sand, and mortar as shown and required.

Description of Work Excluded

1. Brick paver edge at storm water runnel (1/L1.07). See Bid Package 32A.
2. Paver concrete sub-slab. See Bid Packages 31A and 32A.

SECTION 001020 BID PACKAGES
32C - FENCING

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Fencing** work herein known as **Bid Package 32C**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated March 31, 2016, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 323113 Chain Link Fence and Gates
 - D. Section 323119 Decorative Metal Fence and Gates
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, and materials to complete all fencing work as indicated on the documents and as specified.
2. Provide all chain link fencing noted as (F1) on Landscape Plan L1.01 and per detail 6/L1.05.
3. Provide all ornamental fencing noted as (F2) on Landscape Plan L1.01 and per detail 7/L1.05.
4. Mount all fencing to new or existing wall, and in-ground where shown.
5. Provide mesh infill between existing posts per Landscape Plan 1/L1.04.
6. Provide concrete mow edge at fencing per Landscape Plans and details on L1.05.

Alternates

7. Provide Alternate Price No. C-A1: Chain Link Fence. See Spec Section 012300.

SECTION 001020 BID PACKAGES
32D - LANDSCAPING

General

1. Trade package contractor to furnish all labor, materials, equipment, services and logical extensions of same, as required to satisfactorily complete all **Landscaping** work herein known as **Bid Package 32D**, as required for the construction and completion of the Robert Poole Addition and Renovations. All work to be in accordance with the Drawings and Specifications as prepared by JRS Architects dated 3/31/16, and CAM Construction's Bid Manual.
2. Drawings and general provisions of the contract, including general and supplementary conditions and Division 01 of the specifications, apply to this trade package.
3. Except for those items, if any, specifically noted in the section below entitled 'Description of Work Excluded', the Work of this Bid Package shall include (but not necessarily limited to) the following specification sections and scope:
 - A. Division 00 Bidding Requirements
 - B. Division 01 General and Supplementary Conditions
 - C. Section 329113 Soil Preparation
 - D. Section 329200 Turf and Grasses
 - E. Section 329300 Plants
4. All work to be completed in accordance with local jurisdictions and environmental requirements and regulations.
5. Provide all traffic control and flaggers as required and in accordance with local jurisdiction to perform your work and entry into the public streets.
6. Provide and comply with all LEED requirements, documentation and tracking of waste management and Hazmat disposal

Scope

The following is a brief summary of scope, and may not represent all items to be included in this trade contract. It is this trade contractor's responsibility to thoroughly review all documents and provide all items of work necessary for a complete and functional system to complete this scope of work.

1. Provide all labor, equipment, and materials to complete all landscaping work as indicated on the documents and as specified.
2. Provide all mixes, soil amendments, mulch, and fertilizer as specified and required at landscaped areas. Provide all final seeding and sodding as shown and specified, including fine grading as required.
3. Provide all tree protection signage.
4. Provide all preconstruction testing and soil analysis of existing and imported topsoil and soil mixes to be used. The Earthwork Contractor under Bid Package 31A will furnish and install all topsoil in the specified thicknesses using existing on site topsoil to the extent possible. It will be the responsibility of the Landscape Contractor under this Bid Package 32D to mix and amend these soils as specified in the contract documents.
5. Provide all decorative stone (P4) work including edging, sand bed, cobblestone paver edge, and #57 stone base per Landscape Plans and detail 3/L1.05.
6. Provide all engineered mulch (P5) work including edging, sand bed, and #57 stone base per Landscape Plans and detail 4/L1.05.

SECTION 001020 BID PACKAGES

32D - LANDSCAPING

7. Provide all required soils and mixes for raised garden planters (Reference 4/ L1.03, 1/L1.04 and 6/L1.06). Trade package 6A Carpentry will construct boxes only. Coordinate location with 6A trade contractor.
8. Provide all rain barrels (section 129300) including CMU block as shown (8/L1.06).

Alternates

9. Provide Alternate Price No. C-A2: Outdoor Learning Nooks. See Spec Section 012300.
10. Provide Alternate Price No. C-A5: Sod. See Spec Section 012300.

**MBE ATTACHMENT D-1A:
MBE UTILIZATION AND FAIR SOLICITATION AFFIDAVIT
& MBE PARTICIPATION SCHEDULE**

INSTRUCTIONS

PLEASE READ BEFORE COMPLETING THIS DOCUMENT

This form includes Instructions and the MBE Utilization and Fair Solicitation Affidavit & MBE Participation Schedule which must be submitted with the bid/proposal. If the bidder/offeror fails to accurately complete and submit this Affidavit and Schedule with the bid or proposal as required, the Procurement Officer shall deem the bid non-responsive or shall determine that the proposal is not reasonably susceptible of being selected for award.

1. Contractor shall structure its procedures for the performance of the work required in this Contract to attempt to achieve the minority business enterprise (MBE) subcontractor participation goal stated in the Invitation for Bids or Request for Proposals. Contractor agrees to exercise good faith efforts to carry out the requirements set forth in these Instructions, as authorized by the Code of Maryland Regulations (COMAR) 21.11.03.
2. MBE Goals and Subgoals: Please review the solicitation for information regarding the Contract's MBE overall participation goals and subgoals. After satisfying the requirements for any established subgoals, the Contractor is encouraged to use a diverse group of subcontractors and suppliers from any/all of the various MBE classifications to meet the remainder of the overall MBE participation goal.
3. MBE means a minority business enterprise that is certified by the Maryland Department of Transportation ("MDOT"). Only MBEs certified by MDOT may be counted for purposes of achieving the MBE participation goals. In order to be counted for purposes of achieving the MBE participation goals, the MBE firm, including a MBE prime, must be MDOT-certified for the services, materials or supplies that it is committed to perform on the MBE Participation Schedule.
4. Please refer to the MDOT MBE Directory at www.mdot.state.md.us to determine if a firm is certified with the appropriate North American Industry Classification System ("NAICS") Code **and** the product/services description (specific product that a firm is certified to provide or specific areas of work that a firm is certified to perform). For more general information about NAICS, please visit www.naics.com. Only those specific products and/or services for which a firm is certified in the MDOT Directory can be used for purposes of achieving the MBE participation goals. **WARNING:** If the firm's NAICS Code is in **graduated status**, such services/products **may not be counted** for purposes of achieving the MBE participation goals. A NAICS Code is in the graduated status if the term "Graduated" follows the Code in the MDOT MBE Directory.
5. **NOTE: New Guidelines Regarding MBE Prime Self-Performance.** Please note that when a certified MBE firm participates as a prime contractor on a Contract, a procurement agency may count the distinct, clearly defined portion of the work of the Contract that the certified MBE firm performs with its own workforce toward fulfilling up to, but no more than, fifty-percent (50%) of the MBE participation goal (overall), including up to one hundred percent (100%) of not more than one of the MBE participation subgoals, if any, established for the Contract.

- ✓ In order to receive credit for self-performance, an MBE prime must be certified in the appropriate NAICS code to do the work and must list its firm in the MBE Participation Schedule, including the certification category under which the MBE prime is self-performing and include information regarding the work it will self-perform.
 - ✓ For the remaining portion of the overall goal and the remaining subgoals, the MBE prime must also identify on the MBE Participation Schedule the other certified MBE subcontractors used to meet those goals or request a waiver.
 - ✓ These guidelines apply to the work performed by the MBE Prime that can be counted for purposes of meeting the MBE participation goals. These requirements do not affect the MBE Prime's ability to self-perform a greater portion of the work in excess of what is counted for purposes of meeting the MBE participation goals.
 - ✓ Please note that the requirements to meet the MBE participation overall goal and subgoals are distinct and separate. If the contract has subgoals, regardless of MBE Prime's ability to self-perform up to 50% of the overall goal (including up to 100% of any subgoal), the MBE Prime must either commit to other MBEs for each of any remaining subgoals or request a waiver. As set forth in Attachment 1-B Waiver Guidance, the MBE Prime's ability to self-perform certain portions of the work of the Contract will not be deemed a substitute for the good faith efforts to meet any remaining subgoal or the balance of the overall goal.
 - ✓ In certain instances where the percentages allocated to MBE participation subgoals add up to more than 50% of the overall goal, the portion of self-performed work that an MBE Prime may count toward the overall goal may be limited to less than 50%. Please refer to GOMA's website (www.goma.maryland.gov) for the MBE Prime Regulations Q&A for illustrative examples.
6. Subject to items 1 through 5 above, when a certified MBE performs as a participant in a joint venture, a procurement agency may count a portion of the total dollar value of the contract equal to the distinct, clearly-defined portion of the work of the contract that the certified MBE performs with its own forces toward fulfilling the contract goal, and not more than one of the contract subgoals, if any.
7. As set forth in COMAR 21.11.03.12-1, once the Contract work begins, the work performed by a certified MBE firm, including an MBE prime, can only be counted towards the MBE participation goal(s) if the MBE firm is performing a commercially useful function on the Contract. Please refer to COMAR 21.11.03.12-1 for more information regarding these requirements.
8. If you have any questions as to whether a firm is certified to perform the specific services or provide specific products, please contact MDOT's Office of Minority Business Enterprise at 1-800-544-6056 or via email to mbe@mdot.state.md.us sufficiently prior to the submission due date.

9. Worksheet: The percentage of MBE participation, calculated using the percentage amounts for all of the MBE firms listed on the Participation Schedule MUST at least equal the MBE participation goal **and** subgoals (if applicable) set forth in the solicitation. If a bidder/offeror is unable to achieve the MBE participation goal and/or any subgoals (if applicable), the bidder/offeror must request a waiver in Item 1 of the MBE Utilization and Fair Solicitation Affidavit (Attachment D-1A) or the bid will be deemed not responsive, or the proposal determined to be not susceptible of being selected for award. You may wish to use the Subgoal summary below to assist in calculating the percentages and confirm that you have met the applicable MBE participation goal and subgoals, if any.

Subgoals (if applicable)

Total African American MBE Participation:	_____7_____	%
Total Asian American MBE Participation:	_____4_____	%
Total Hispanic American MBE Participation:	_____	%
Total Women-Owned MBE Participation:	_____	%

Overall Goal

Total MBE Participation (include all categories):	_____30_____	%
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21st CENTURY SCHOOLS

BALTIMORE

**Employer's Workforce Development
Process Guide**

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Recruiting, Selection and Hiring Process

How do construction management companies and their sub-contractors post job openings and find qualified candidates for open positions?

- Contractors and subcontractors will submit job postings to the Mayor's Office of Employment Development (MOED) (schoolconstruction@oedworks.com), the 21st Century Program Office (21stcenturybuildings@bcps.k12.md.us) and MSA (schoolsconstruction@mdstad.com) using the School Construction job posting form (see page 3). This form will also be available on the MOED website- (www.oedworks.com) and the 21st Century Schools website (baltimore21stcenturyschools.org). Employers will receive an immediate acknowledgement from MOED to confirm receipt of the job posting.
- MOED will assign a Business Services Representative (BSR) to screen candidates for the job(s) posted. As such, employers should discourage jobseekers from contacting them directly. The BSR will contact employers within 1 business day after receipt of the job posting to confirm the company contact information and obtain additional information.
- The BSR will work in partnership with the job training providers to select candidates that meet or exceed the job posting requirements. MOED will maintain a database of resumes who have expressed interest in working on the school construction initiative. The possibility exists that a significant number of candidates will have experience in the trade, while others have recently graduated from a construction training program. In the unlikely event that the applicant pool does not have qualified candidates to refer, the employer will be notified promptly and may pursue other avenues of recruitment.
- All Baltimore City residents recommended by MOED will be prescreened before referral to employer.
- Construction Managers and sub-contractors agree to provide feedback on each candidate referred for interview within 2 business days after the interview. The BSR will provide School Construction Referral Feedback form to expedite this process (see page 4). This form should be emailed to (schoolconstruction@oedworks.com) once completed.

Job Posting Form

COMPANY INFORMATION		
Company	FEIN	
Street Address		
City Baltimore	State MD	ZIP
Website/URL	# of Employees	Industry
Contact Name		Title
Email Address	Phone	Contract #/Name:
JOB POSTING INFORMATION		
Job Title:	Job/School location:	
Hours of Work: _____ to _____	Number of Open Positions _____ Status: FT <input type="checkbox"/> PT <input type="checkbox"/> Temp <input type="checkbox"/>	
Salary/ Hr. Wage:	Benefits: NO <input type="checkbox"/> YES <input type="checkbox"/> Type:	
Level of Education Required: circle one H.S. /G.E.D. College Tech Degree _____	Licenses/Certification Required: NO <input type="checkbox"/> YES <input type="checkbox"/> List:	
Car required: NO <input type="checkbox"/> YES <input type="checkbox"/>	Is company accessible by public transportation? NO <input type="checkbox"/> YES <input type="checkbox"/> Bus# _____	
Pre-Employment Screening: Alcohol/Drug Test <input type="checkbox"/> Credit <input type="checkbox"/> References <input type="checkbox"/> Criminal Background Check <input type="checkbox"/> Other:		
JOB DESCRIPTION		
Experience/ Skills Required:		
EMPLOYER CERTIFICATION		
I certify that the information on this job posting is accurate and is provided to recruit for a valid employment opportunity.		
Signature/Title		Date
MOED STAFF OFFICE USE ONLY		
Post in MWE? NO <input type="checkbox"/> YES <input type="checkbox"/>	MWE #	Show name? NO <input type="checkbox"/> YES <input type="checkbox"/>
MOED Services Requested Direct Hire <input type="checkbox"/> Tax Credit <input type="checkbox"/> Customized Training LMI <input type="checkbox"/> BDC <input type="checkbox"/>		
Referral Process:	Status: <input type="checkbox"/> Position filled <input type="checkbox"/> Not filled - reason	
Follow-up results: (use back if needed) Date		
SCBSR Assigned/Date:		

Return completed form to: schoolconstruction@oedworks.com; 21stcenturybuildings@bcps.k12.md.us; and schoolsconstruction@mdstad.com

School Construction Referral Feedback

Thank you for using the School Construction recruitment services. Recently, we referred candidates to interview for a position with your company. Please provide feedback regarding the status of the interview(s) on the chart below. You can email the completed chart to: schoolconstruction@oedworks.com or call Ms. Bell at 443-984-3014 to discuss the referral status in detail.

Company Name: _____

Interviewer Name: _____

Candidate Name	Position	Status Hired/ Reason	Status Pending	Status Not Hired/ Reason

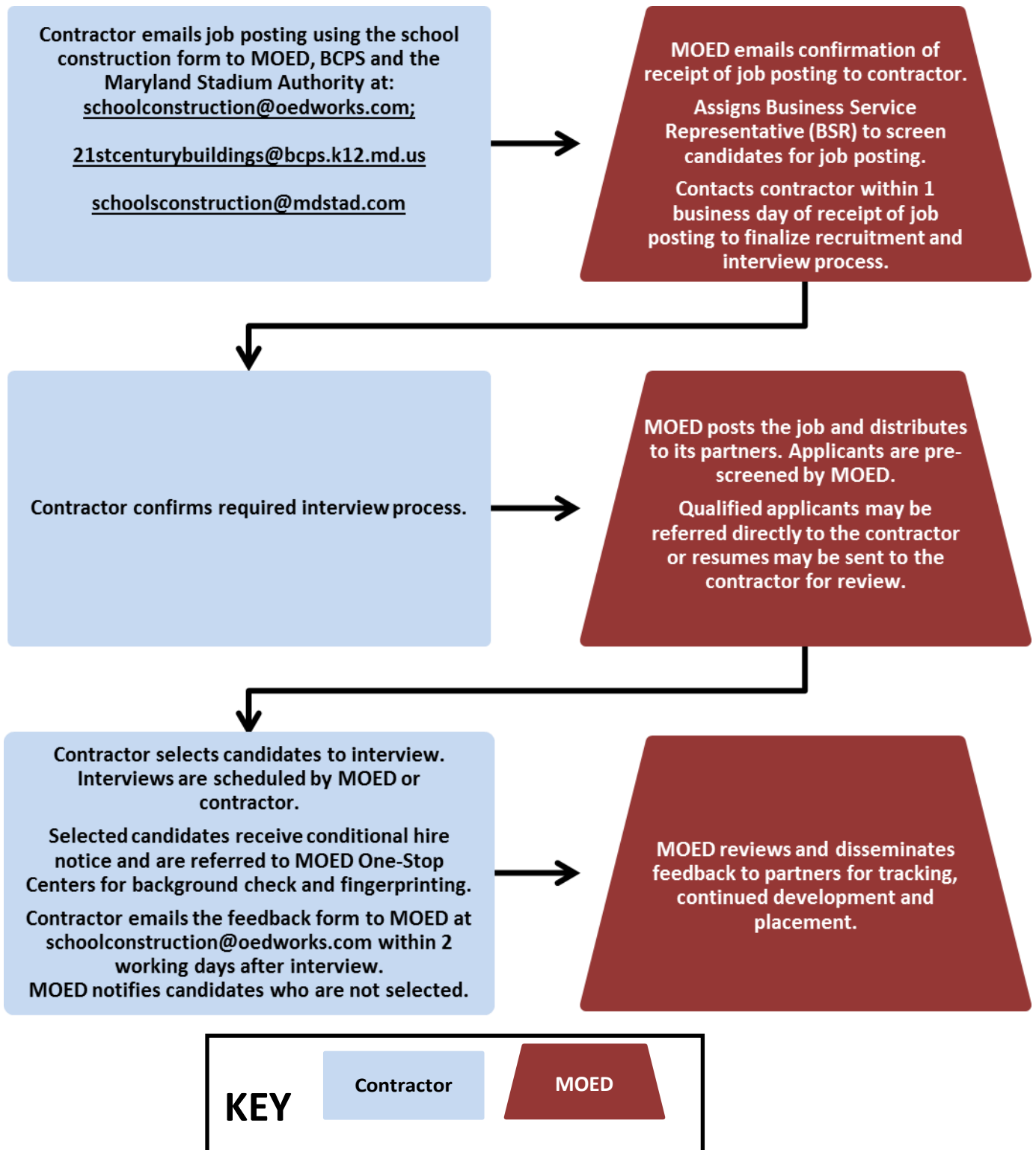
Completed by:
Company Rep. Name _____

Date _____

Phone # _____

Email Address: _____

Recruiting, Selection and Hiring Process Map



Background Check and Fingerprinting Instructions (Beginning March 1, 2016)

All employees who will be working on-site at any of the 21st Century Schools are required to complete and pass a Baltimore City Schools background screening and meet the qualifications that can be found at www.baltimore21stcenturyschools.org/more/frequently-asked-questions.

Morpho Trust Company is the selected partner that will provide 21st Century Schools Building Program's Construction Manager and Sub-Contractor firms with background check and fingerprinting services for each individual working on the Baltimore City School's construction sites.

Morpho Trust is offering the below payment options for this service:

1. Employers can provide each individual with a check or money order for \$52.75 made out to Morpho Trust Company to be paid at time of service.
2. Employers can set up a Morpho Trust Account by following the directions located on the below link or call 1-877-467-9215 for assistance. This payment method will provide employers with an authorization code as a form of payment <http://www.l1enrollment.com/state/forms/md/5489c21d352ab.pdf>.

Background Check and Fingerprinting Process for Employers

Employers must direct all potential candidates and existing staff who will be working on-site at any of the 21st Century Schools, to one of the below Mayor's Office of Employment Development (MOED) One-Stop Centers to perform fingerprinting for background checks on a date and time when the Center is specifically open for this service (see hours below).

- Northwest Career Center | 2401 Liberty Heights Avenue, 3rd floor, Baltimore MD 21215 (Mondawmin Mall)

Hours for Background Check Services: Tuesday & Thursday 9am – 3pm

Contact: Gerald Grimes (ggrimes@oedworks.com)

- Eastside Career Center | 3001 E. Madison Street, Baltimore MD 21205

Hours for Background Check Services: Monday & Wednesday 8am – 11:30am

Contact: Linda Scherer (lscherer@oedworks.com)

ALTERNATIVE LOCATION: Baltimore City Public Schools Building – 200 East North Ave., Baltimore, MD 21202 – Room 120

Office Hours- Monday- Friday 8:30am- 3:30pm

** If background checks and fingerprinting for your candidates will be conducted at the alternative location, you will be given that information by email from D. Robinson at Baltimore City Schools in response to the notification email referenced in Step 3 below.

Step 1: Employers complete and sign the Request for Background Check Form for each potential candidate and existing staff member who will be working on the construction site.

Step 2: Employers will provide each individual with the following:

- A completed and signed Request for Background Check Form (if employers have set up a Morpho Trust Account, the authorization code must be on form as payment).
- The date and location to get background screening completed
- A check or money order for \$52.75 made out to Morpho Trust Company (if a Morpho Trust Account has not been set up as a method of payment).
- Cash will not be accepted.

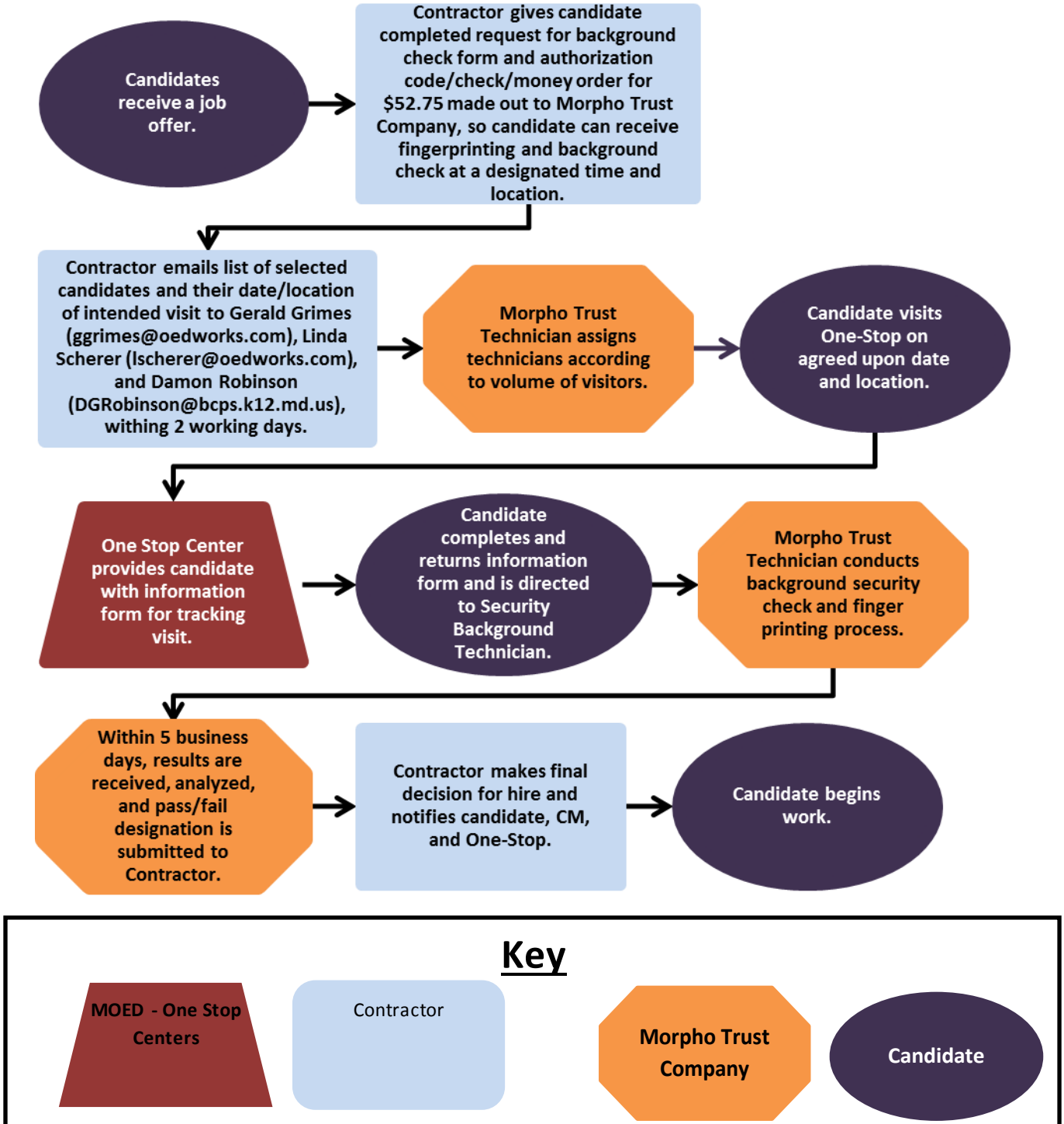
NOTE: Advise all individuals to bring a valid State or Federal photo issued ID to be presented to the Background Check Technician (Expired ID's will not be accepted).

Step 3: Employers must email ggrimes@oedworks.com; lscherer@oedworks.com and DGRobinson@bcps.k12.md.us with a list of individuals, the One Stop Center and the date in which the individual will be visiting at least 2 working days prior to their visit.

Background check results will be sent to the Construction Managers within 5 business days. Construction Managers will be responsible for notifying their sub-contractors. Final hiring decisions, compliance with any conditions of employment (such as drug testing), issuance of access control identification and other hiring or security-related processes are the sole responsibility of the hiring company.

Background Check and Fingerprinting Process Map

(Beginning March 1, 2016)



Background Check and Fingerprinting Request Form

Baltimore City Public Schools requires individuals who work in schools AND on school sites to meet State of Maryland law and Maryland State Department of Education guidance. All applicants must undergo a background check and fingerprinting. Results will indicate suitability for working on projects. City School's background check qualifications can be found at www.baltimore21stcenturyschools.org/more/frequently-asked-questions.

This completed form must be presented to the Baltimore City Public Schools Background Screening Technician at one of the below Maryland Office of Employment Development (MOED) One Stop Centers:

- Northwest Career Center | 2401 Liberty Heights Avenue 3rd floor, Baltimore MD 21215; Tuesday & Thursday 9am -3pm (Mondawmin Mall)
- Eastside Career Center | 3001 E. Madison Street, Baltimore MD 21205; Monday & Wednesday 8am - 11:30am

Each individual **MUST** bring:

- This completed form
- Check or money order (paid by the selected firm) for \$52.75 made out to Morpho Trust Company *(if account hasn't been established)*
- Valid State or Federal Photo ID (expired ID's will not be accepted)

Required Information

Name: _____
Last *First* *M.I.*

Job Title: _____

Start Date: _____ End Date: _____

Employer Information

Company Name: _____ Company Email: _____

Company Address: _____ Phone: _____

City/State: _____ Zip Code: _____

Authorization Code: _____

Issued by Morpho Trust as form of payment

21st Century Schools Project Name: _____

- City Schools Badge [Supervisory staff only – approved by MSA/CSP Project Manager]
- No Badge

<i>Supervisor Signature</i>	<i>Date</i>

For City Schools Administration Use Only Below This Line

Approval

Approved: Denied:

<i>Pre-Employment Manager Signature</i>	<i>Date</i>

For questions, Please contact the 21st Century Schools Building Program office at 21stCenturyBuildings@bcps.k12.md.us

Workforce Development Monitoring and Tracking Process

MSA, City School Partners and Baltimore City Schools is committed to ensuring that a strong measurement strategy is implemented to analyze issues, risks, and trends, implement immediate solutions, and support metrics that aligns with project and local commitments. MSA staff will be available to review the templates introduced below at any phase of the process prior to the Guaranteed Maximum Price (GMP) negotiation.

Job Projections and Skill Requirement (submitted with Pre Construction RFP and during Pre Construction)

Construction Managers (CM) will be responsible for submitting consolidated projections for all positions (including sub-contractor positions) through the term of the contract. The Baltimore City Resident Job Projections and Skill Requirements Form must be submitted during the Pre-Construction Phase (see sample form on page 11)

Job Commitments and Skill Requirement (submitted with GMP Contract)

Construction Managers will be responsible for submitting consolidated commitments for all positions (including sub-contractor positions) through the term of the contract. This form must be submitted with your Guaranteed Maximum Price (GMP) Contract (see sample form on page 12)

30/60/90 Day Projections and Skill Requirements (submitted no later than the first Monday of each month)

- All Construction Management firms will submit monthly reports to City School Partners at schoolsconstruction@mdstad.com, using the payment application process.
- The 90 Day Projection and Skill Requirement form should be submitted in conjunction with the monthly application process and should include:
 - Work hours performed the preceding month by trade, classification, and employee residency.
 - Projection of workforce needs for the coming 90 days by job type based on the proposed plan.
- The Staff Projection Form will be provided to you electronically. (see sample form on page 12)
- All CM reports should include total projections including data from its respective subcontractors.
- Monthly Manpower Report detailing certified payroll submission for Baltimore City Residents.
- City School Partners will consolidate and communicate 90 day projections to designated partners on a quarterly basis.

Employment Metrics by Zip Code

- City School Partners will verify the number of City residents employed, by zip code, through the prevailing wage submission process.
- City School Partners will consolidate all data and communicate a status report to clients and designated partners by the last Friday of each month (this date is dependent on the prevailing wage submission schedule).

Monitoring Good Faith Efforts

The CM and its respective subcontractors shall make good faith efforts as noted below, but not limited to:

- Ensuring that MOED, MSA and City Schools are made aware of employment opportunities to the fullest extent practicable through outreach and recruitment activities, in accordance with the Collaborative's Local Hiring Plan.
- Actively recruit City of Baltimore residents via MOED, City Schools, and collective and independent job fair recruiting efforts.
- Use the services and assistance of MOED and City Schools.

City School Partners (schoolsconstruction@mdstad.com), MOED (schoolconstruction@oedworks.com) and City Schools (21stcenturybuildings@bcps.k12.md.us) must be included on all outreach and recruitment activity invitations through the term of construction.

Sample Job Projection and Skill Requirements Form

Job Projection and Skill Requirements Form [DOWNLOAD](#)



Baltimore 21st Century School Buildings Program Baltimore City Resident Job Projections and Skill Requirements

Instructions: Construction Managers will be responsible for submitting consolidated projections for all positions (including sub-contractor positions) through the term of the contract. This form must be submitted as part of the Pre Construction RFP response and during Pre Construction planning.

Construction Management Firm: _____

Date: _____

Name of School: _____

Staff Projections for Baltimore 21st Century Schools Building Program

Positions (Please adjust below trades as necessary)	Total Number of Positions Needed to Complete Project	Total Number of New Positions Needed to Complete Project	Total Positions for New Hires from Baltimore City	Foreman Positions	Laborer Positions	Journeyman Positions	Apprentice Positions	Total Work Hours	Total Number of Student Interns	Hiring Requirements (including certifications and licenses)
Equipment Operator										
Abatement Laborer										
Tile Setters										
Wellies										
Clerical/Admin.										
Painters										
HVAC										
Carpenters										
Mason										
Electricians										
Elevator Installers										
Ironworkers										
Insulators										
Plumber/Pipefitters										
Unskilled Laborers										
Other Positions:										
Grand Total	0	0	0	0	0	0	0	0	0	0

Preparer's Name: _____

Title: _____

Sample Job Commitments and Skill Requirements Form

Job Commitments and Skill Requirements Form [DOWNLOAD](#)



Baltimore 21st Century School Buildings Program Baltimore City Resident Job Commitments and Skill Requirements

Instructions: Construction Managers will be responsible for submitting consolidated commitments for all positions (including sub-contractor positions) through the term of the contract. This form must be submitted with your Guaranteed Maximum Price (GMP) Contract.

Construction Management Firm: _____

Date: _____

Name of School: _____

Staff Commitments for Baltimore 21st Century Schools Building Program

Positions (Please adjust below trades as necessary)	Total Number of Positions Needed to Complete Project through Term of Contract	Total Number of New Positions Needed to Complete Project through Term of Contract	Total Positions from Baltimore City	Total Positions for New Hires from Baltimore City	Foreman Positions	Laborer Positions	Journeyman Positions	Apprentice Positions	Total Work Hours	Total Work Hours for Baltimore City Residents	Total Work Hours from Baltimore City	Total Number of Student Interns	Hiring Requirements (including certifications and licenses)
Equipment Operator													
Abatement Laborer													
Tile Setters													
Welders													
Clerical/ Admin.													
Painters													
HVAC													
Carpenters													
Mason													
Electricians													
Elevator Installers													
Ironworkers													
Insulators													
Plumber/Pipefitters													
Unskilled Laborers													
Other Positions:													
Grand Total	0	0	0	0	0	0	0	0	0	0	0	0	

Preparer's Name: _____

Title: _____

Sample 90 Day Projections and Skill Requirements Form

30/60/90 Day Projections and Skill Requirements Form [DOWNLOAD](#)



Baltimore City Resident Jobs - 30/60/90 Day Projections and Skill Requirements

Instructions: Construction Managers will be responsible for submitting consolidated commitments for all positions (including sub-contractor positions) through the term of the contract. This form must be emailed to City School Partners (schoolsconstruction@mdstad.com) no later than the first Monday of each month.

Construction Management Firm: _____

Month: _____

Name of School: _____

Positions (Please adjust below trades as necessary)	Total Number of Positions Needed	Total Number of New Positions	Foreman Positions	30 Day Projections			60 Day Projections			90 Day Projections			Skill Requirements (including education and license)	Estimated Duration of Job	
				30 Day	60 Day	90 Day	30 Day	60 Day	90 Day	30 Day	60 Day	90 Day			
				0	0	0	0	0	0	0	0	0			0
Equipment Operator															
Assemblant/Laborer															
This section															
Welders															
Clerical/Admin.															
Painters															
HVAC															
Carpenters															
Mason															
Electricians															
Elevator Installers															
Ironworkers															
Insulators															
Plumber/Fitters															
Unskilled Laborers															
Other Positions:															
Grand Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Preparer's Name: _____

BALTIMORE CITY PUBLIC SCHOOLS CONSTRUCTION PROGRAM

Activity ID	Activity Name	OD	RD	% Start	Finish	2016												2017												2018											
						Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec					
BID SCHEDULE																																									
CONSTRUCTION																																									
ADMIN & PROCUREMENT																																									
M-100	NTP (NOTICE TO PROCEED)	0	0	0%	05-Jul-16*	◆ NTP (NOTICE TO PROCEED)																																			
M-110	HAZMAT NOTIFICATION	15	15	0%	16-Jun-16	16-Jun-16	■ HAZMAT NOTIFICATION																																		
M-120	PROJECT COMPLETE (4/6/18)	0	0	0%	06-Apr-18*	◆ PROJECT COMPLETE																																			
SITE WORK																																									
INITIAL SITE WORK																																									
ST-1000	SITE: SURVEY LOD	2	2	0%	05-Jul-16	07-Jul-16	■ SITE: SURVEY LOD																																		
ST-1030	SITE: SITE CONSTRUCTION ENTRANCE	5	5	0%	08-Jul-16	14-Jul-16	■ SITE: SITE CONSTRUCTION ENTRANCE																																		
ST-1040	SITE: SITE SECURITY FENCE	5	5	0%	08-Jul-16	14-Jul-16	■ SITE: SITE SECURITY FENCE																																		
ST-1010	SITE: SEDIMENT & EROSION CONTROL CONSTRUCTION	10	10	0%	08-Jul-16	22-Jul-16	■ SITE: SEDIMENT & EROSION CONTROL CONSTRUCTION																																		
ST-1020	SITE: EXCAVATE FOR SEDIMENT BASIN	5	5	0%	15-Jul-16	22-Jul-16	■ SITE: EXCAVATE FOR SEDIMENT BASIN																																		
ST-1050	SITE: EROSION CONTROL INSPECTIONS	1	1	0%	25-Jul-16	25-Jul-16	■ SITE: EROSION CONTROL INSPECTIONS																																		
GEO THERMAL FIELD																																									
GEO-1000	GEO: LAYOUT/CUT/SITE PREP FOR GEO-FIELD	5	5	0%	15-Aug-16	19-Aug-16	■ GEO: LAYOUT/CUT/SITE PREP FOR GEO-FIELD																																		
GEO-1010	GEO: CONSTRUCT GEOTHERMAL WELLS	50	50	0%	22-Aug-16	31-Oct-16	■ GEO: CONSTRUCT GEOTHERMAL WELLS																																		
GEO-1020	GEO: EXC/CONSTRUCT GEOTHERMAL VAULT	10	10	0%	18-Oct-16	31-Oct-16	■ GEO: EXC/CONSTRUCT GEOTHERMAL VAULT																																		
GEO-1030	GEO: GEOTHERMAL/LATERAL PIPING TO VAULT	20	20	0%	01-Nov-16	30-Nov-16	■ GEO: GEOTHERMAL/LATERAL PIPING TO VAULT																																		
GEO-1040	GEO: GEOTHERMAL PIPING TO MECHANICAL ROOM	10	10	0%	01-Dec-16	14-Dec-16	■ GEO: GEOTHERMAL PIPING TO MECHANICAL ROOM																																		
SITE UTILITIES																																									
ST-2000	SITE: SANITARY/STORM/WATER & GAS	50	50	0%	14-Sep-16	02-Dec-16	■ SITE: SANITARY/STORM/WATER & GAS																																		
ST-2010	SITE: SITE ELEC DUCT & COMMUNICATIONS	20	20	0%	05-Dec-16	12-Jan-17	■ SITE: SITE ELEC DUCT & COMMUNICATIONS																																		
SITE FINISHES																																									
ST-3000	SITE: ROUGH/FINAL GRADE	15	15	0%	16-Jun-17	10-Jul-17	■ SITE: ROUGH/FINAL GRADE																																		
ST-3010	SITE: CONCRETE SIDEWALK / SITE CONCRETE	20	20	0%	11-Jul-17	10-Aug-17	■ SITE: CONCRETE SIDEWALK / SITE CONCRETE																																		
ST-3020	SITE: SITE ELECTRIC	10	10	0%	11-Aug-17	25-Aug-17	■ SITE: SITE ELECTRIC																																		
ST-3030	SITE: SITE PAVING / LANDSCAPING / FURNISHING	30	30	0%	28-Aug-17	12-Oct-17	■ SITE: SITE PAVING / LANDSCAPING / FURNISHING																																		
BUILDING DEMOLITION																																									
PORTABLES																																									
D-1000	DEMO/PORT: HAZMAT DEMOLITION	10	10	0%	15-Jul-16	28-Jul-16	■ DEMO/PORT: HAZMAT DEMOLITION																																		
D-1010	DEMO/PORT: MAKE SAFE ELECTRICAL	1	1	0%	29-Jul-16	29-Jul-16	■ DEMO/PORT: MAKE SAFE ELECTRICAL																																		
D-1020	DEMO/PORT: MAKE SAFE MECHANICAL	1	1	0%	29-Jul-16	29-Jul-16	■ DEMO/PORT: MAKE SAFE MECHANICAL																																		
D-1030	DEMO/PORT: DEMO PORTABLES	10	10	0%	01-Aug-16	12-Aug-16	■ DEMO/PORT: DEMO PORTABLES																																		
C: CAFETERIA																																									
D-2000	DEMO/CAFE: HAZMAT DEMOLITION	10	10	0%	15-Jul-16	28-Jul-16	■ DEMO/CAFE: HAZMAT DEMOLITION																																		
D-2010	DEMO/CAFE: MAKE SAFE ELECTRICAL	1	1	0%	29-Jul-16	29-Jul-16	■ DEMO/CAFE: MAKE SAFE ELECTRICAL																																		
D-2020	DEMO/CAFE: MAKE SAFE MECHANICAL	1	1	0%	29-Jul-16	29-Jul-16	■ DEMO/CAFE: MAKE SAFE MECHANICAL																																		
D-2030	DEMO/CAFE: DEMO BUILDING C CAFETERIA	20	20	0%	01-Aug-16	26-Aug-16	■ DEMO/CAFE: DEMO BUILDING C CAFETERIA																																		
D: REAR EXISTING BUILDING																																									
D-3000	DEMO/RR BLDG: HAZMAT DEMOLITION	20	20	0%	15-Jul-16	11-Aug-16	■ DEMO/RR BLDG: HAZMAT DEMOLITION																																		
D-3010	DEMO/RR BLDG: MAKE SAFE ELECTRICAL	2	2	0%	12-Aug-16	15-Aug-16	■ DEMO/RR BLDG: MAKE SAFE ELECTRICAL																																		
D-3020	DEMO/RR BLDG: MAKE SAFE MECHANICAL	2	2	0%	12-Aug-16	15-Aug-16	■ DEMO/RR BLDG: MAKE SAFE MECHANICAL																																		
D-3030	DEMO/RR BLDG: DEMO EXISTING REAR BUILDING	20	20	0%	16-Aug-16	13-Sep-16	■ DEMO/RR BLDG: DEMO EXISTING REAR BUILDING																																		
A: GYM DEMOLITION																																									
D-4000	DEMO/GYM: HAZMAT DEMOLITION	15	15	0%	29-Jul-16	18-Aug-16	■ DEMO/GYM: HAZMAT DEMOLITION																																		
D-4010	DEMO/GYM: MAKE SAFE ELECTRICAL	2	2	0%	19-Aug-16	22-Aug-16	■ DEMO/GYM: MAKE SAFE ELECTRICAL																																		
D-4020	DEMO/GYM: MAKE SAFE MECHANICAL	2	2	0%	19-Aug-16	22-Aug-16	■ DEMO/GYM: MAKE SAFE MECHANICAL																																		
D-4030	DEMO/GYM: DEMO BUILDING A	15	15	0%	23-Aug-16	13-Sep-16	■ DEMO/GYM: DEMO BUILDING A																																		
B: MAIN BUILDING																																									
D-5000	DEMO/MB L4: HAZMAT DEMOLITION	10	10	0%	29-Jul-16	11-Aug-16	■ DEMO/MB L4: HAZMAT DEMOLITION																																		
D-5010	DEMO/MB L4: MAKE SAFE ELECTRICAL	1	1	0%	12-Aug-16	12-Aug-16	■ DEMO/MB L4: MAKE SAFE ELECTRICAL																																		
D-5020	DEMO/MB L4: MAKE SAFE MECHANICAL	1	1	0%	12-Aug-16	12-Aug-16	■ DEMO/MB L4: MAKE SAFE MECHANICAL																																		

█ Actual Work
 █ Critical Remaining Work
█ Remaining Work
 ◆ Milestone



BALTIMORE CITY PUBLIC SCHOOLS CONSTRUCTION PROGRAM

Activity ID	Activity Name	OD	RD	%	Start	Finish	2016												2017												2018											
							Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec					
D-5100	DEMO/MB L3: HAZMAT DEMOLITION	10	10	0%	12-Aug-16	25-Aug-16													■ DEMO/MB L3: HAZMAT DEMOLITION																							
D-5300	DEMO/MB L1: HAZMAT DEMOLITION	10	10	0%	12-Aug-16	25-Aug-16													■ DEMO/MB L1: HAZMAT DEMOLITION																							
D-5110	DEMO/MB L3: MAKE SAFE ELECTRICAL	1	1	0%	26-Aug-16	26-Aug-16													DEMO/MB L3: MAKE SAFE ELECTRICAL																							
D-5120	DEMO/MB L3: MAKE SAFE MECHANICAL	1	1	0%	26-Aug-16	26-Aug-16													DEMO/MB L3: MAKE SAFE MECHANICAL																							
D-5310	DEMO/MB L1: MAKE SAFE ELECTRICAL	1	1	0%	26-Aug-16	26-Aug-16													DEMO/MB L1: MAKE SAFE ELECTRICAL																							
D-5320	DEMO/MB L1: MAKE SAFE MECHANICAL	1	1	0%	26-Aug-16	26-Aug-16													DEMO/MB L1: MAKE SAFE MECHANICAL																							
D-5200	DEMO/MB L2: HAZMAT DEMOLITION	10	10	0%	19-Aug-16	01-Sep-16													■ DEMO/MB L2: HAZMAT DEMOLITION																							
D-5210	DEMO/MB L2: MAKE SAFE ELECTRICAL	1	1	0%	02-Sep-16	02-Sep-16													DEMO/MB L2: MAKE SAFE ELECTRICAL																							
D-5220	DEMO/MB L2: MAKE SAFE MECHANICAL	1	1	0%	02-Sep-16	02-Sep-16													DEMO/MB L2: MAKE SAFE MECHANICAL																							
D-5400	DEMO/MB L0: HAZMAT DEMOLITION	10	10	0%	26-Aug-16	09-Sep-16													■ DEMO/MB L0: HAZMAT DEMOLITION																							
D-5410	DEMO/MB L0: MAKE SAFE ELECTRICAL	1	1	0%	12-Sep-16	12-Sep-16													DEMO/MB L0: MAKE SAFE ELECTRICAL																							
D-5420	DEMO/MB L0: MAKE SAFE MECHANICAL	1	1	0%	12-Sep-16	12-Sep-16													DEMO/MB L0: MAKE SAFE MECHANICAL																							
D-5030	DEMO/MB L4: SELECTIVE DEMO L4 ATTIC LEVEL	10	10	0%	02-Sep-16	16-Sep-16													■ DEMO/MB L4: SELECTIVE DEMO L4 ATTIC LEVEL																							
D-5130	DEMO/MB L3: SELECTIVE DEMO L3	10	10	0%	19-Sep-16	30-Sep-16													■ DEMO/MB L3: SELECTIVE DEMO L3																							
D-5230	DEMO/MB L2: SELECTIVE DEMO L2	10	10	0%	03-Oct-16	14-Oct-16													■ DEMO/MB L2: SELECTIVE DEMO L2																							
D-5330	DEMO/MB L1: SELECTIVE DEMO L1	10	10	0%	17-Oct-16	28-Oct-16													■ DEMO/MB L1: SELECTIVE DEMO L1																							
D-5430	DEMO/MB L0: SELECTIVE DEMO L0	10	10	0%	31-Oct-16	11-Nov-16													■ DEMO/MB L0: SELECTIVE DEMO L0																							
SUBSTRUCTURE																																										
BUILDING C ADDITION																																										
S-10000	C/L0: EXCAVATE FOUNDATION	2	2	0%	29-Aug-16	30-Aug-16													C/L0: EXCAVATE FOUNDATION																							
S-10010	C/L0: FRP PERIMETER FOUNDATION	4	4	0%	31-Aug-16	06-Sep-16													■ C/L0: FRP PERIMETER FOUNDATION																							
S-10300	C/L1: CUT/FILL/CONSTRUCT BUILDING PAD	5	5	0%	31-Aug-16	08-Sep-16													■ C/L1: CUT/FILL/CONSTRUCT BUILDING PAD																							
S-10020	C/L0: FRP FOUNDATION WALL	6	6	0%	08-Sep-16	15-Sep-16													■ C/L0: FRP FOUNDATION WALL																							
S-10040	C/L0: STRIP & SHORE FOUNDATION WALL	2	2	0%	16-Sep-16	19-Sep-16													C/L0: STRIP & SHORE FOUNDATION WALL																							
S-10030	C/L0: CURE FOUNDATION WALL	7	7	0%	16-Sep-16	27-Sep-16													■ C/L0: CURE FOUNDATION WALL																							
S-10050	C/L0: WATERPROOFING FOUNDATION WALL	2	2	0%	26-Sep-16	27-Sep-16													C/L0: WATERPROOFING FOUNDATION WALL																							
S-10060	C/L0: BACKFILL FOUNDATION WALL	3	3	0%	28-Sep-16	30-Sep-16													C/L0: BACKFILL FOUNDATION WALL																							
S-10310	C/L1: HELICAL PIERS 0 - 50%	15	15	0%	09-Sep-16	30-Sep-16													■ C/L1: HELICAL PIERS 0 - 50%																							
S-10330	C/L1: FRP PILE CAPS & GRADE BEAMS 0 - 50%	8	8	0%	03-Oct-16	13-Oct-16													■ C/L1: FRP PILE CAPS & GRADE BEAMS 0 - 50%																							
S-10350	C/L1: FRP FOUNDATION WALL 0 - 50%	5	5	0%	14-Oct-16	21-Oct-16													■ C/L1: FRP FOUNDATION WALL 0 - 50%																							
S-10320	C/L1: HELICAL PIERS 50 - 100%	15	15	0%	03-Oct-16	25-Oct-16													■ C/L1: HELICAL PIERS 50 - 100%																							
S-10340	C/L1: FRP PILE CAPS & GRADE BEAMS 50 - 100%	8	8	0%	26-Oct-16	07-Nov-16													■ C/L1: FRP PILE CAPS & GRADE BEAMS 50 - 100%																							
S-10360	C/L1: FRP FOUNDATION WALL 50 - 100%	5	5	0%	08-Nov-16	15-Nov-16													■ C/L1: FRP FOUNDATION WALL 50 - 100%																							
S-10370	C/L1: U/G PLUMBING ROUGH-INS	7	7	0%	17-Nov-16	29-Nov-16													■ C/L1: U/G PLUMBING ROUGH-INS																							
S-10380	C/L1: U/S ELECTRICAL ROUGH-INS	3	3	0%	30-Nov-16	02-Dec-16													C/L1: U/S ELECTRICAL ROUGH-INS																							
S-10390	C/L1: SLAB PREP STONE FILL	2	2	0%	05-Dec-16	06-Dec-16													C/L1: SLAB PREP STONE FILL																							
S-10400	C/L1: PREP & POUR SLAB ON GRADE LOCKER	1	1	0%	08-Dec-16	08-Dec-16													C/L1: PREP & POUR SLAB ON GRADE LOCKER																							
S-10410	C/L1: PREP & POUR SLAB ON GRADE GYM	1	1	0%	09-Dec-16	09-Dec-16													C/L1: PREP & POUR SLAB ON GRADE GYM																							
BUILDING D ADDITION																																										
S-10950	D: CONSTRUCT BUILDING PAD	2	2	0%	14-Sep-16	15-Sep-16													D: CONSTRUCT BUILDING PAD																							
S-11000	D: FRP PERIMETER & INTERIOR FOOTING	4	4	0%	16-Sep-16	22-Sep-16													■ D: FRP PERIMETER & INTERIOR FOOTING																							
S-11005	D: FRP FOUNDATION WALLS	5	5	0%	23-Sep-16	29-Sep-16													■ D: FRP FOUNDATION WALLS																							
S-11010	D: U/G PLUMBING ROUGH-INS	3	3	0%	30-Sep-16	04-Oct-16													D: U/G PLUMBING ROUGH-INS																							
S-11020	D: U/S ELECTRICAL ROUGH-INS	2	2	0%	06-Oct-16	07-Oct-16													D: U/S ELECTRICAL ROUGH-INS																							
S-11030	D: SLAB PREP STONE FILL	1	1	0%	10-Oct-16	10-Oct-16													D: SLAB PREP STONE FILL																							
S-11040	D: PREP & POUR SLAB ON GRADE	1	1	0%	11-Oct-16	11-Oct-16													D: PREP & POUR SLAB ON GRADE																							
SUPERSTRUCTURE																																										
A: STRUCTURE																																										
S-12000	A: THICKENED SLAB INFILL	5	5	0%	14-Sep-16	20-Sep-16													■ A: THICKENED SLAB INFILL																							
S-12100	A/STG: SET INFILL BEAMS	5	5	0%	22-Sep-16	28-Sep-16													■ A/STG: SET INFILL BEAMS																							
S-12110	A/STG: DECKING	3	3	0%	29-Sep-16	03-Oct-16													■ A/STG: DECKING																							
S-12120	A/STG: DETAILING	3	3	0%	04-Oct-16	07-Oct-16													A/STG: DETAILING																							
S-12130	A/STG: PREP & POUR SLAB ON DECK	2	2	0%	10-Oct-16	11-Oct-16													A/STG: PREP & POUR SLAB ON DECK																							

■ Actual Work ■ Critical Remaining Work
■ Remaining Work ◆ Milestone



BALTIMORE CITY PUBLIC SCHOOLS CONSTRUCTION PROGRAM

Activity ID	Activity Name	OD	RD	% Start	Finish	2016												2017												2018																				
						Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep																	
C/ELEV-10	C/ELEV: TEST/INSPECT ELEVATOR	15	15	0%	14-Jun-17	05-Jul-17																																										█	C/ELEV: TEST/INSPECT ELEVATOR	
PROJECT CLOSEOUT																																																		
PC-1000	LIFESAFETY INSPECTIONS	20	20	0%	07-Mar-18	03-Apr-18																																										█	LIFESAFETY INSPECT	
PC-1020	PROJECT COMPLETE (4/6/18)	0	0	0%		06-Apr-18*																																									◆	PROJECT COMPLETE		
PC-1010	COMMISSIONING	23	23	0%	07-Mar-18	06-Apr-18																																											█	COMMISSIONING

Actual Work
 Critical Remaining Work
 Remaining Work
 ◆ Milestone
 ◆ Milestone





STATE OF MARYLAND

**DEPARTMENT OF LABOR, LICENSING AND REGULATION
DIVISION OF LABOR AND INDUSTRY
PREVAILING WAGE SECTION
1100 N. Eutaw Street, Room 607
Baltimore, MD 21201
(410) 767-2342**

02/26/2016

REQUEST FOR ADVERTISEMENT AND NOTICE TO PROCEED

Lisa Johnson - Procurement Officer
Maryland Stadium Authority
351 W. Camden Street
Baltimore, MD 21201

**Re: Robert Poole Building
Project No: 014-A1**

Enclosed please find the Prevailing Wage Determination and Instructions for Contractors for the project referenced above.

Upon advertisement for bid or proposal of this project, you are requested to submit to this office the date and name of publication in which such advertisement appeared.

Once awarded, you are further directed to submit to this office, the NOTICE TO PROCEED for the project, complete with the date of notice, the name of the general contractor, and the dollar amount of the project. In addition, we ask that a representative of the prevailing wage Unit be invited to attend the Pre-Construction Conference.

Any questions concerning this matter may be referred to PrevailingWage@dllr.state.md.us

Sincerely,

Enclosures
Wage Determination
Instruction for the Contractor

Prevailing Wage Unit

PREVAILING WAGE INSTRUCTIONS FOR THE CONTRACTOR & SUBCONTRACTOR

The contractor shall electronically submit completed copies of certified payroll records to the Commissioner of Labor & Industry, Prevailing Wage Unit by going on-line to <https://www.dllr.state.md.us/prevwage> and following the instructions for submitting payroll information (NOTE: A contractor must register prior to submitting on-line certified payroll information).

If you have technical questions regarding electronic submittal, contact the Department at prevailingwage@dllr.state.md.us.

All certified payroll records shall have an accurate week beginning and ending date. The contractor shall be responsible for certifying and submitting to the Commissioner of Labor and Industry, Prevailing Wage Unit all of their subcontractors' payroll records covering work performed directly at the work site. By certifying the payroll records, the contractor is attesting to the fact that the wage rates contained in the payroll records are not less than those established by the Commissioner as set forth in the contract, the classification set forth for each worker or apprentice conforms with the work performed, and the contractor or subcontractor has complied with the provisions of the law.

A contractor or subcontractor may make deductions that are (1) required by law; (2) required by a collective bargaining agreement between a bona fide labor organization and the contractor or subcontractor; or (3) contained in a written agreement between an employee and an employer undertaken at the beginning of employment, if the agreement is submitted by the employer to the public body awarding the public work and is approved by the public body as fair and reasonable.

A contractor or subcontractor is required to submit information on-line on their fringe benefit packages including a list of fringe benefits for each craft employed by the contractor or subcontractor, by benefit and hourly amount. Where fringe benefits are paid in cash to the employee or to an approved plan, fund, or program, the contribution is required to be indicated.

Payroll records must be electronically submitted and received within 14 calendar days after the end of each payroll period. If the contractor is delinquent in submitting payroll records, processing of partial payment estimates may be held in abeyance pending receipt of the records. In addition, if the contractor is delinquent in submitting the payroll records, the contractor shall be liable to the contracting public body for liquidated damages. The liquidated damages are \$10.00 for each calendar day the records are late.

Only apprentices registered with the Maryland Apprenticeship and Training Council shall be employed on prevailing wage projects. Apprentices shall be paid a percentage of the determined journey person's wage for the specific craft.

Overtime rates shall be paid by the contractor and any subcontractors under its contracts and agreements with their employees which in no event shall be less than time and one-half the prevailing hourly rate of wages for all hours worked in excess of ten (10) hours in any one calendar day; in excess of forty (40) hours per workweek; and work performed on Sundays and legal holidays.

Contractors and subcontractors employing a classification of worker for which a wage rate was not issued SHALL notify the Commissioner of Labor & Industry, Prevailing Wage Unit, for the purpose of obtaining the wage rate for said classification PRIOR TO BEING EMPLOYED on the project. To obtain a prevailing wage rate which was NOT listed on the Wage Determination, a contractor or subcontractor can look on the DLLR webpage under prevailing wage.

Contractors and subcontractors shall maintain a valid copy of proper State and county licenses that permit the contractor and a subcontractor to perform construction work in the State of Maryland. These licenses must be retained at the worksite and available for review upon request by the Commissioner of Labor and Industry's designee.

**Each contractor under a public work contract subject to Section 17-219 shall:

1. Post a clearly legible statement of each prevailing wage rate to be paid under the public work contract; and
2. Keep the statement posted during the full time that any employee is employed on the public work contract.
3. The statement of prevailing wage rates shall be posted in a prominent and easily accessible place at the site of the public work.

****Penalty - Subject to Section 10-1001 of the State Government Article, the Commissioner may impose on a person that violates this section a civil penalty of up to \$50.00 per violation.**

Under the Maryland Apprenticeship and Training Council requirements, consistent with proper supervision, training and continuity of employment and applicable provisions in collective bargaining agreements, a ratio of one journey person regularly employed to one apprentice shall be allowed. No deviation from this ratio shall be permitted without prior written approval from the Maryland Apprenticeship and Training Council.

Laborers may NOT assist mechanics in the performance of the mechanic's work, NOR USE TOOLS peculiar to established trades.

ALL contractors and subcontractors shall employ only competent workers and apprentices and may NOT employ any individual classified as a HELPER or TRAINEE on a prevailing wage project.

The State Apprenticeship and Training Fund (Fund) law provides that contractors and certain subcontractors performing work on certain public work contracts are required to make contributions toward apprenticeship. See §17-601 through 17-606, State Finance and Procurement, Annotated Code of Maryland. Contractors and subcontractors have three options where they can choose to make their contributions: (1) participate in a registered apprenticeship training program; (2) contribute to an organization that has a registered apprenticeship training program; or (3) contribute to the State Apprenticeship and Training Fund.

The Department of Labor, Licensing and Regulation (DLLR) is moving forward with final adoption of regulations. The regulations were published in the December 14, 2012 edition of the Maryland Register.

IMPORTANT: Please note that the obligations under this law will become effective on JULY 1, 2013. This law will require that contractors and certain subcontractors make contributions toward apprenticeship and report those contributions on their certified payroll records that they submit pursuant to the prevailing wage law.

The Department is offering outreach seminars to any interested parties including contractors, trade associations, and any other stakeholders. Please contact the Department at prevailingwage@dllr.state.md.us or (410) 767-2968 for seminar times and locations. In addition, information regarding this law will be provided at pre-construction meetings for projects covered by the Prevailing Wage law.

**For additional information, contact:
Division of Labor and Industry
Maryland Apprenticeship and Training
1100 North Eutaw Street, Room 606
Baltimore, Maryland 21201
(410) 767-2246
E-Mail Address: matp@dllr.state.md.us.**

STATE OF MARYLAND

DEPARTMENT OF LABOR, LICENSING AND REGULATION
DIVISION OF LABOR AND INDUSTRY
PREVAILING WAGE SECTION
1100 N. Eutaw Street, Room 607
Baltimore, MD 21201
(410) 767-2342

The wage rates to be paid laborers and mechanics for the locality described below is announced by order of Commissioner of Labor and Industry.

It is mandatory upon the successful bidder and any subcontractor under him, to pay not less than the specific rates to all workers employed by them in executing contracts in this locality. Reference: Annotated Code of Maryland State Finance and Procurement, Section 17-201 thru 17-226.

These wage rates were taken from the locality survey of 2015 for Baltimore City, issued pursuant to the Commissioner's authority under State Finance and Procurement Article Section 17-209, Annotated Code of Maryland or subsequent modification.

**Note: If additional Prevailing Wage Rates are needed for this project beyond those listed below, contact the Prevailing Wage Unit. Phone: (410) 767-2342, email: prevailingwage@dllr.state.md.us.

Name and Title of Requesting Officer: Lisa Johnson - Procurement Officer
Department, Agency or Bureau: Maryland Stadium Authority
351 W. Camden Street Baltimore, MD 21201

Project Number
014-A1

Determination Number
28188

Location and Description of work:

Baltimore City: This project consists of the renovation of 74,847 sf of the existing building and a new addition of 64,106sf for a total of 138,953sf. The Lower Level of the original building will serve the Independence School and the First, Second, and Third Floors will serve the ACCE Academy. The new addition will include the Gymnasium, Cafeteria, and academic spaces.

Date of Issue: Feb 26, 2016

BUILDING CONSTRUCTION

CLASSIFICATION	MODIFICATION REASON	BASIC HOURLY RATE	BORROWED FROM	FRINGE BENEFIT PAYMENT
BALANCING TECHNICIAN	AD	\$22.75	005	\$5.22
BOILERMAKER	AD	\$17.16	005	\$5.88
BRICKLAYER	AD	\$29.17		\$9.32
BRICKLAYER/SAWMAN	AD	\$30.00	005	\$9.32
CARPENTER	AD	\$26.21		\$12.95
CARPENTER - SHORING SCAFFOLD BUILDER	AD	\$26.21		\$12.95
CARPET LAYER	AD	\$27.83		\$10.27
CEMENT MASON	AD	\$24.61	005	\$12.74
COMMUNICATION INSTALLER TECHNICIAN	AD	\$24.63	003	\$11.97
DRYWALL - SPACKLING, TAPING, & FINISHING	AD	\$26.21		\$12.95

ELECTRICIAN	AD	\$35.60		\$16.56
ELEVATOR MECHANIC	AD	\$47.57	005	\$33.86
FIREPROOFER - BY HAND	AD	\$35.60	003	\$16.92
FIREPROOFER - SPRAYER	AD	\$23.40	003	\$2.29
FIRESTOPPER	AD	\$26.06		\$5.85
GLAZIER	AD	\$27.98		\$18.89
INSULATION WORKER	AD	\$33.13		\$14.04
IRONWORKER - FENCE ERECTOR	AD	\$26.88	003	\$17.24
IRONWORKER - ORNAMENTAL	AD	\$27.98		\$18.89
IRONWORKER - REINFORCING	AD	\$27.98		\$18.89
IRONWORKER - STRUCTURAL	AD	\$27.98		\$18.89
MILLWRIGHT	AD	\$29.46		\$13.20
PAINTER	AD	\$24.89		\$9.15
PILEDRIIVER	AD	\$26.21		\$12.95
PLASTERER	AD	\$28.33		\$5.95
PLASTERER - MIXER	AD	\$23.50	003	\$0.00
PLUMBER	AD	\$36.87		\$18.48
POWER EQUIPMENT OPERATOR - ASPHALT DISTRIBUTOR	AD	\$24.80	013	\$11.34
POWER EQUIPMENT OPERATOR - BACKHOE	AD	\$31.28		\$4.26
POWER EQUIPMENT OPERATOR - BOOM TRUCK	AD	\$35.26	005	\$10.36
POWER EQUIPMENT OPERATOR - BROOM / SWEEPER	AD	\$36.88	003	\$16.15
POWER EQUIPMENT OPERATOR - BULLDOZER	AD	\$22.12		\$0.00 a + b
POWER EQUIPMENT OPERATOR - CONCRETE PUMP	AD	\$27.50	005	\$17.80
POWER EQUIPMENT OPERATOR - CRANE	AD	\$31.00		\$15.35 a + b
POWER EQUIPMENT OPERATOR - CRANE - TOWER	AD	\$31.00	003	\$15.35 a
POWER EQUIPMENT OPERATOR - DRILL - RIG	AD	\$35.94	005	\$9.66 a
POWER EQUIPMENT OPERATOR - EXCAVATOR	AD	\$25.75		\$10.17 a + b
POWER EQUIPMENT OPERATOR - FORKLIFT	AD	\$27.88	005	\$12.97 a
POWER EQUIPMENT OPERATOR - GRADALL	AD	\$27.95		\$11.65
POWER EQUIPMENT OPERATOR - GRADER	AD	\$27.08	005	\$12.62 a
POWER EQUIPMENT OPERATOR - GUARD RAIL POST DRIVER	AD	\$26.60		\$11.21
POWER EQUIPMENT OPERATOR - HOIST	AD	\$34.09	005	\$4.73
POWER EQUIPMENT OPERATOR - LOADER	AD	\$27.88	005	\$12.97 a
POWER EQUIPMENT OPERATOR - MECHANIC	AD	\$45.51		\$14.72
POWER EQUIPMENT OPERATOR - OILER	AD	\$32.40		\$8.55
POWER EQUIPMENT OPERATOR - PAVER	AD	\$25.55	005	\$12.15
POWER EQUIPMENT OPERATOR - ROLLER - ASPHALT	AD	\$39.82		\$0.00 a + b
POWER EQUIPMENT OPERATOR - ROLLER - EARTH	AD	\$24.00	027	\$4.17 a
POWER EQUIPMENT OPERATOR - SCREED	AD	\$30.00	003	\$11.80
POWER EQUIPMENT OPERATOR - SKID STEER (BOBCAT)	AD	\$33.89		\$0.00 a + b
POWER EQUIPMENT OPERATOR - TRENCHER	AD	\$25.75	003	\$11.80
POWER EQUIPMENT OPERATOR-VACCUM TRUCK	AD	\$26.00	013	\$0.00
RESILIENT FLOOR	AD	\$27.83		\$10.27
ROOFER/WATERPROOFER	AD	\$28.50		\$9.54
SHEETMETAL WORKER	AD	\$31.76		\$18.38
SPRINKLERFITTER	AD	\$32.40		\$18.37

STEAMFITTER/PIPEFITTER	AD	\$36.87		\$18.48
STONE MASON	AD	\$35.19		\$16.31
TILE & TERRAZZO FINISHER	AD	\$21.96		\$9.61
TILE & TERRAZZO MECHANIC	AD	\$26.75		\$10.78
TRUCK DRIVER - CONCRETE PUMP	AD	\$21.59	005	\$0.64
TRUCK DRIVER - DUMP	AD	\$17.64	027	\$1.82
TRUCK DRIVER - DUMP - ARTICULATING	AD	\$27.97	003	\$0.79
TRUCK DRIVER - FLATBED	AD	\$24.00	005	\$0.74
TRUCK DRIVER - LOWBOY	AD	\$22.00	003	\$5.57 a + b
TRUCK DRIVER - TACK/TAR TRUCK	AD	\$23.24		\$8.16
TRUCK DRIVER - TANDEM	AD	\$22.00	003	\$5.57

LABORER GROUP II

LABORER - ASPHALT RAKER	AD	\$19.04		\$0.00
LABORER - COMMON	AD	\$19.04		\$0.00
LABORER - CONCRETE PUDDLER	AD	\$19.04		\$0.00
LABORER - CONCRETE TENDER	AD	\$19.04		\$0.00
LABORER - CONCRETE VIBRATOR	AD	\$19.04		\$0.00
LABORER - DENSITY GAUGE	AD	\$19.04		\$0.00
LABORER - FIREPROOFER - MIXER	AD	\$19.04		\$0.00
LABORER - FLAGGER	AD	\$19.04		\$0.00
LABORER - GRADE CHECKER	AD	\$19.04		\$0.00
LABORER - HAND ROLLER	AD	\$19.04		\$0.00
LABORER - JACKHAMMER	AD	\$19.04		\$0.00
LABORER - LANDSCAPING	AD	\$19.04		\$0.00
LABORER - LAYOUT	AD	\$19.04		\$0.00
LABORER - LUTEMAN	AD	\$19.04		\$0.00
LABORER - MORTAR MIXER	AD	\$19.04		\$0.00
LABORER - PLASTERER - HANDLER	AD	\$19.04		\$0.00
LABORER - TAMPER	AD	\$19.04		\$0.00

LABORERS GROUP I

LABORER - AIR TOOL OPERATOR	AD	\$20.41		\$6.29
LABORER - ASPHALT PAVER	AD	\$20.41		\$6.29
LABORER - BLASTER - DYNAMITE	AD	\$20.41		\$6.29
LABORER - BURNER	AD	\$20.41		\$6.29
LABORER - CONCRETE SURFACER	AD	\$20.41		\$6.29
LABORER - HAZARDOUS MATERIAL HANDLER	AD	\$20.41		\$6.29
LABORER - MASON TENDER	AD	\$20.41		\$6.29
LABORER - PIPELAYER	AD	\$20.41		\$6.29
LABORER - SCAFFOLD BUILDER	AD	\$20.41		\$6.29

FRINGE REFERENCES AS NOTED:

- a. PAID HOLIDAYS: New Year Day, Memorial Day, July 4th, Labor Day, Thanksgiving Day & Christmas Day.
- b. PAID VACATIONS: Employees with 1 year service - 1 week paid vacation;
2 years service - 2 weeks paid vacation;
10 years service - 3 weeks paid vacation.

Incidental Craft Data: Caulker, Man Lift Operator, Rigger, Scaffold Builder, and Welder receive the wage and fringe rates prescribed for the craft performing the operation to which welding, scaffold building, rigging, operating a Man Lift, or caulking is incidental.

These **Informational Prevailing Wage Rates** may not be substituted for the requirements of pre-advertisement or onsite job posting for a public work contract that exceeds \$500,000 in value and either of the following criteria are met: (1) the contracting body is a unit of State government or an instrumentality of the State and there is any State funding for the project; or (2) the contracting body is a political subdivision, agency, person or entity (such as a county) and the State funds 50% or more of the project.

Modification Codes:

- (AD) 17-209 Annual Determination from Survey Wage Data Received
- (CH) 17-211 Commissioners' Hearing
- (CR) 17-208 Commissioners' Review
- (SR) 17-208 Survey Review by Staff

Each "Borrowed From" county is identified with the FIPS 3-digit county code unique for the specific jurisdiction in Maryland.

For additional information on the FIPS (Federal Information Processing Standard) code, see <http://www.census.gov/datamap/fipslist/AllSt.txt>

The Prevailing Wage rates appearing on this form were originally derived from Maryland's annual Wage Survey. The Commissioner of Labor & Industry encourages all contractors and interested groups to participate in the voluntary Wage Survey, detailing wage rates paid to workers on various types of construction throughout Maryland.

A mail list of both street and email addresses is maintained by the Prevailing Wage Unit to enable up-to-date prevailing wage information, including Wage Survey notices to be sent to contractors and other interested parties. If you would like to be included in the mailing list, please forward (1) your Name, (2) the name of your company (if applicable), (3) your complete postal mailing address, (4) your email address and (5) your telephone number to PWMAILINGLIST@dlr.state.md.us. Requests for inclusion can also be mailed to: Prevailing Wage, 1100 N. Eutaw Street - Room 607, Baltimore MD 21201-2201.
