

ADDENDUM 2

September 5, 2013

Corna Kokosing Elford
6235 Westerville Road
Westerville, OH 43081

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TO: ALL BIDDERS OF RECORD

ADDENDUM 2 to the Drawings, Specifications, and Bid Package Project Manual, dated **April 24, 2013** for the **Early Sitework Package** of the **Ohio University Housing Development Plan – Phase 1**.

This Addendum shall hereby be and become a part of the Contract Documents the same as if originally issued and bound thereto.

The following clarifications, amendments, additions, revisions, changes, and modifications change the original Contract Documents only in the amount and to the extent specified in this Addendum.

Each bidder shall acknowledge receipt of this Addendum on their bid form.

Bidders are responsible for becoming familiar with every item of this Addendum.

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1. Section 01 10 10 "CM Summary of Work" was mis-filed on the Builder's Exchange website and named "Solicitation." This section is referred to as 01 10 10 "CM Summary of Work" in all other parts of the contract documents. For clarification, this section is included in its entirety with this Addendum.
 2. Section 00 41 00 "Bid Form" is reissued in its entirety with this Addendum.
 3. Section 00 43 13 "Bid Security Form" is reissued in its entirety with this Addendum.
 4. Revise section 01 10 10 "CM Summary of Work." For Note 4 of General Items, revise to read:

"All Allowances assigned to each Subcontract shall only be used at the **discretion and** direction of the Construction Manager, and at no times will compensation be made for Allowance work without written approval of the Construction Manager. Daily time tickets, sign by the Construction Manager's superintendent, and material invoices are required to be submitted for all Allowance usages. The failure to provide signed daily time tickets and invoices will result in non-payment. **100% of any unused Allowance monies, scope, materials, or labor shall be credited or refunded back to Corna Kokosing – Elford via Change Order. All allowances incorporated into the Subcontract agreement shall include Overhead and Profit and separately accounted for within the Schedule of Values for each payment application.**"
 5. Revise section 01 10 10 "CM Summary of Work." For Scope of Work #006 Grade Beams & Pile Caps, add line item 37:

“On the Bid Form, provide an add alternate to expedite and provide all submittals and shop drawings from 5 days following Letter of Intent or Notice to Proceed.”

END OF ADDENDUM

Document 00 43 13 - Bid Security Form
State of Ohio Standard Requirements for Public Facility Construction

(Form of combined Bid Guaranty and Bond prescribed by Ohio Revised Code Section 153.571)

KNOW ALL PERSONS BY THESE PRESENTS, that we, the undersigned

_____, as Principal,
at _____ (Address)
and _____ as Surety, are hereby held
and firmly bound unto the State of Ohio, as Obligee, in the penal sum of the dollar amount of the Bid submitted
by the Principal to the Obligee on _____ (date) to undertake the Project known as:

Project Number: _____

Project Name: _____

Contract Description: _____
(e.g., General Trades, Plumbing, HVAC, Electrical)

The penal sum, referred to herein, shall be the dollar amount of the Principal's Bid to the Obligee, incorporating any additive alternate Bids made by the Principal on the date referred to above to the Obligee, which are accepted by the Obligee. In no case shall the penal sum exceed the amount of dollars (\$_____). (If the preceding line is left blank, the penal sum will be the full amount of the Principal's Bid, including add alternates. Alternatively, if completed, the amount stated shall not be less than the full amount of the Bid, including Alternates, in dollars and cents. A percentage is not acceptable.) For the payment of the penal sum well and truly to be made, we hereby jointly and severally bind ourselves, our heirs, executors, administrators, successors and assigns.

THE CONDITION OF THE ABOVE OBLIGATION IS SUCH, that whereas the above-named Principal has submitted a Bid for the above referenced Project;

NOW, THEREFORE, if the Obligee accepts the Bid of the Principal, and the Principal fails to enter into a proper contract in accordance with the Contract bid, Plans, Specifications, details and bills of material; and in the event the Principal pays to the Obligee the difference, not to exceed ten percent of the penal sum hereof between the amount specified in the Bid and such larger amount for which the Obligee may in good faith contract with the Bidder determined by the Obligee to be the next lowest responsive and responsible to perform the Work covered by the Bid; or in the event the Obligee does not award the Contract to such next lowest responsive and responsible Bidder and resubmits the Project for bidding, the Principal pays to the Obligee the difference not to exceed ten percent of the penal sum hereof between the amount specified in the Bid, or the costs, in connection with the resubmission, of printing new Contract Documents, required advertising and printing and mailing notices to prospective Bidders, whichever is less, then this obligation shall be null and void, otherwise to remain in full force and effect. If the Obligee accepts the Bid of the Principal, and the Principal, within 10 days after the awarding of the Contract, enters into a proper Contract and executes the Contract Form in accordance with the Contract Documents, including without limitation the Bid, Plans, Specifications, details, and bills of material, which said Contract is made a part of this Bond the same as though set forth herein; and

NOW ALSO, IF THE SAID Principal shall well and faithfully perform each and every condition of such Contract; and indemnify the Obligee against all damage suffered by failure to perform such Contract according to the provisions thereof and in accordance with the Contract Documents, including without limitation Plans, Specifications, details, and bills of material therefore; and shall pay all lawful claims of Subcontractors, Material Suppliers and laborers for labor performed and materials furnished in the carrying forward, performing or completing of said Contract; we, agreeing and assenting that this undertaking shall be for the benefit of any

Subcontractor, Material Suppliers or laborer having a just claim, as well as for the Obligee herein; then this obligation shall be void; otherwise the same shall remain in full force and effect; it being expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall in no event exceed the penal amount of this obligation as herein stated.

THE SAID Surety hereby stipulates and agrees that no modifications, omissions or additions, in or to the terms of said Contract, the Work thereunder or the Contract Documents, including without limitation the Plans and Specifications, therefore, shall in any way affect the obligations of said Surety on its bond, and it does hereby waive notice of any such modifications, omissions or additions in or to the terms of the Contract, the Work, or the Contract Documents, including without limitation the Plans and Specifications.

SIGNED AND SEALED this _____ day of _____, _____.

PRINCIPAL:

x _____

By: _____

Title: _____

SURETY:

x _____

By: _____
Attorney-in-Fact

SURETY INFORMATION:

Street

City State Zip

Telephone Number

SURETY AGENT'S INFORMATION:

Agency Name

Street

City State Zip

Telephone Number

END OF DOCUMENT

Ohio University Housing FY 2013
Athens, OH 45701
Bid Package 05

SECTION 00 41 00
BID FORM

1.0 All Bidders shall address and submit their bids to:

Corna Kokosing Elford (CKE)
6235 Westerville Road
Westerville, Ohio 43081

2.0 Having read the Project Manual and examined the Contract Documents entitled:

Ohio University Housing FY 2013
Bid Package 05
Athens, OH

Addenda Numbers _____, _____, _____, _____, prepared by _____
Clarification Numbers _____, _____, _____, _____, prepared by CKE and having
inspected the Site and the conditions affecting and governing the construction of the said
Project, the undersigned (Supplier),

Name _____

Address _____

Telephone _____ Fax _____ E-mail _____

hereby proposes to furnish all Labor, Materials, Tools, Equipment, Supervision, and
Services required for the completion of the Work as required by the Contract
Documents, for the indicated Bid Package or Packages.

Bidders shall fill in all blanks hereinafter applicable to the Contract for which Bid is being
submitted. The sum shall be written and in figures, and in the event of discrepancy,
written words shall prevail. CKE reserves the right to request performance of any, all, or
any combination of Specification Sections bid.

2.1 Scope of Work #004 Auger Cast Piles

Bid Breakdown - _____
 _____ DOLLARS (\$ _____).

VOLUNTARY ALTERNATE NO. 1 Description:
 ADD/DEDUCT: _____
 _____ DOLLARS (\$ _____).

VOLUNTARY ALTERNATE NO. 2 Description:
 ADD/DEDUCT: _____
 _____ DOLLARS (\$ _____).

I. UNIT PRICES

DESCRIPTION	UNIT PRICE
Additional LF of Auger Cast Pile	
Deduct LF of Auger Cast Pile	
Additional LF of Drilling into Earth	
Deduct LF of Drilling into Earth	
Additional LF of Drilling into Rock	
Deduct LF of Drilling into Rock	
Additional Mobilization	
Per Hour Cost for Downtime (Add. #1)	

II. ALLOWANCES

DESCRIPTION	COST
Allowance #1 – Additional Drilling/Pile Installation	\$50,000.00

2.2 Scope of Work #005 Early General Trades

Bid Breakdown - _____

_____ DOLLARS (\$_____).

I. ALTERNATES

1. Temporary Stair Towers – Install, Remove and Rental

ADD/DEDUCT: _____

_____ DOLLARS (\$_____).

2. Temporary Roads per Site Logistics Plan, Exhibit Q

ADD/DEDUCT: _____

_____ DOLLARS (\$_____).

3. Temp Protection of Interior Precast Walls (Corridor Side Only)

ADD/DEDUCT: _____

_____ DOLLARS (\$_____).

4. Substitute Laminate Cabinetry for Solid Maple (Addendum 1)

~~ADD/DEDUCT:~~ _____

_____ DOLLARS (\$_____).

5. VOLUNTARY ALTERNATE NO. 1 Description:

ADD/DEDUCT: _____

_____ DOLLARS (\$_____).

6. VOLUNTARY ALTERNATE NO. 2 Description:

ADD/DEDUCT: _____

_____ DOLLARS (\$_____).

II. ALLOWANCES

DESCRIPTION	COST
Allowance #1 – 3000 Laborer Hours	
Allowance #2 – 700 Carpentry Hours	
Allowance #3 – Temporary Fence Relocations	\$10,000.00
Allowance #4 – Miscellaneous Materials	\$5,000.00

2.3 Scope of Work #006 Grade Beams & Pile Caps

Bid Breakdown - _____

_____ DOLLARS (\$_____).

I. ALTERNATES

1. Grouting at Grade Beams

ADD/DEDUCT: _____
_____ DOLLARS (\$_____).

2. Grouting at Second Floor Precast Walls

ADD/DEDUCT: _____
_____ DOLLARS (\$_____).

3. Provide Submittals & Shop Drawings in 5 Days from Letter of Intent (Addendum 2)

ADD/DEDUCT: _____
_____ DOLLARS (\$_____).

4. VOLUNTARY ALTERNATE NO. 1 Description:

ADD/DEDUCT: _____
_____ DOLLARS (\$_____).

5. VOLUNTARY ALTERNATE NO. 2 Description:

ADD/DEDUCT: _____
 _____ DOLLARS (\$ _____).

II. UNIT PRICES

DESCRIPTION	UNIT PRICE	TOTAL COST
Cementitious Waterproofing per Specification 07 65 19		
Bituthene Waterproofing, or Equal		
Labor and Material Allowance for 2 ton of #5 Rebar		
Provide and Install 850 6"x8"x3/8" Embeds		

***All unit prices are to be inclusive of overhead, profit and bond if applicable.**

3.0 CHANGE OF WORK

- 3.1 In the event the Scope of Work changes per request of Owner, Architect/Engineer, or Construction Manager and Work is added to or deducted from the Work required by the Contract Documents, labor rates shall be in accordance with the State of Ohio Prevailing Wage Requirements. Percentage markups will be as stated in the Subcontract or the Supplementary Conditions, as applicable.
- 3.2 Bidders should furnish hourly rates which are inclusive of all insurance and taxes for all personnel they intend to use on this Project and must be approved by the Construction Manager prior to any modifications to the contract. The hourly rates will apply to any add or deduct work. Labor and equipment rates shall be listed without overhead and profit.

EQUIPMENT RATES

A) CLASSIFICATION: _____ AMOUNT: _____ PER/TIME FRAME: _____

_____	_____	_____
_____	_____	_____
_____	_____	_____

All rates are subject to approval of the Construction Manager.

3.4 Refer to "Change Order Cost Summary", (copy herein), for allowable overhead and profit.

4.0 ALLOWANCES

4.1 Allowances, if applicable, are defined elsewhere in the Bid Documents. The stated amount(s) are to be included in the Base Bid. Amount(s) specified are exclusive of any Bidder's overhead and profit. Such overhead and profit shall be considered to be included in the Base Bid.

5.0 SUBSTITUTIONS

5.1 Bidder is cautioned to bid on the "Standards" specified, and to enter on the following "Substitution Sheet" all material which the Bidder wishes to have considered for possible substitution.

5.2 The following substitutions from the "Standards" specified are listed herein for consideration and, if accepted, the Contract Sum may be adjusted with the following rates:

5.2.1 SUBSTITUTIONS

ITEM	ADD (+)	DEDUCT (-)
_____	\$ _____	\$ _____
_____	\$ _____	\$ _____
_____	\$ _____	\$ _____

6.0 DATE OF COMMENCEMENT

6.1 Bidder acknowledges that they will commence Work as soon as possible after receipt of Contract. Bidder acknowledges that they have reviewed the Project Schedule and that they can procure all materials and equipment necessary to coordinate the Work in accordance with the Project Schedule and in coordination with other Contractors.

7.0 SUBSTANTIAL COMPLETION

- 7.1 Bidder acknowledges that time is of the essence and that the Work will be completed in a timely fashion. Bidder acknowledges that the Work can be completed according to the Project Schedule (see Section 01 10 10).
- 7.2 Bidder estimates that _____ man hours will be required on the Site to complete the Work per the Schedule. (Do not include office, shop, or delivery hours—only site hours.)

8.0 WITHDRAWAL OF PROPOSAL

- 8.1 It is understood that this Proposal may be withdrawn prior to the scheduled Bid opening date or postponement thereof, but shall not be withdrawn for sixty (60) days after the Bid is opened.

9.0 SUBMITTED BY:

Firm Name _____

Address _____

Phone and Fax Numbers _____

E-Mail Address _____

By _____
Name and Title Date

Signature

~~END OF SECTION~~

The Subcontractor agrees to furnish all necessary management, supervision, labor, materials, tools, supplies, machinery, scaffolding, storage, transportation, equipment, services, engineering, testing and/or any other act or thing required to diligently and fully perform and complete the portions of the work as described as follows:

GENERAL ITEMS

All General Items shall be included in the bid amount of each scope of work issued with this bid package. No exclusions to General Items will be accepted. Each Subcontractor shall include the following:

1. This is a tax exempt Project. The Owner of this Project is exempt from paying State sales taxes, and Federal excise taxes, on material only. Tax exemption forms will be provided to this Subcontractor. This Subcontractor is required to pay all required sales taxes as required for a tax-exempt project.
2. The Construction Manager (Corna-Kokosing-Elford) shall be the owner of any free float or total float within the project schedule. Each Subcontractor shall treat all of their associated project schedule activities as critical activities.
3. Subcontractors shall pay prevailing wages in strict accordance with the Contract Documents, Section 00 73 43 Wage Rate Requirements, and promptly provide all certified payrolls prior to payment. This Subcontractor may access the Ohio Department of Commerce, Wage and Hour Bureau at its website, <http://www.com.state.oh.us/laws/>, and use "quick links" to prevailing wage to obtain the rates. Subcontractors shall make any adjustments in the prevailing wage rate and pay any wage increase during the terms of the Contract. Subcontractors are responsible for verifying that all rates are being paid at the correct prevailing wage classification.
4. "All Allowances assigned to each Subcontract shall only be used at the **discretion and** direction of the Construction Manager, and at no times will compensation be made for Allowance work without written approval of the Construction Manager. Daily time tickets, sign by the Construction Manager's superintendent, and material invoices are required to be submitted for all Allowance usages. The failure to provide signed daily time tickets and invoices will result in non-payment. **100% of any unused Allowance monies, scope, materials, or labor shall be credited or refunded back to Corna Kokosing – Elford via Change Order. All allowances incorporated into the Subcontract agreement shall include Overhead and Profit and separately accounted for within the schedule of values for each payment application.**" (Addendum 2)
5. Subcontractors shall coordinate with the Construction Manager and Owner's operation of its university and all surrounding existing businesses. ALL UNIVERSITY OPERATIONS, BUSINESSES, AND SYSTEMS SHALL REMAIN OPERATIONAL AT ALL TIMES WITHOUT EXCEPTION. Coordinate shutdowns and transfers with the Construction Manager and Owner's schedule. This coordination shall also include mandated

work restrictions (i.e. OU noise restrictions and local ordinances) as well as other ordinances mandated by the Ohio University and the Local Authorities.

6. All Subcontractors have reviewed and understands the Site Logistics Plan. **NO ONSITE STOCKPILING OF ANY MATERIALS IS PERMITTED WITHOUT APPROVAL OF THE CONSTRUCTION MANAGER. THERE WILL BE NO PARKING WITHIN THE CONSTRUCTION SITE FENCE.** The Construction Manager may reject material deliveries at the Subcontractor's expense that are not coordinated with the Construction Manager. Subcontractors shall work such hours, including night shifts, overtime operations, Saturdays, Sundays and holidays, as may be necessary to insure no disruption to the Owner's operation of its university, and as directed by the Construction Manager.
7. Subcontractors shall provide and pay for university required parking permits for all contractor vehicles. Coordinate the acquisition of all required parking permits with Ohio University Parking Services at the following website: <http://www.facilities.ohiou.edu/parking/>. Specific on-site contractor parking location to be established.
8. Subcontractors shall provide all required submittals, shop drawings, samples, etc. per project specifications and submittal log. **All required submittals are due within 10 days of authorization to proceed.**
9. On a weekly basis, all Subcontractors shall update with all As-Built information the field-use drawings located in the Construction Manager's field office. There will be a sign-in sheet located in the field office that shall be initialed on a weekly basis by all Subcontractors and verified by the Construction Manager's personnel. **Failure to perform this activity shall result in the delay of payment.**
10. Each Subcontractor shall provide a full-time and competent field supervisor at all times when performing work on the Project. This supervision requirement includes times when a Subcontractor's Subcontractor is performing work on site. Failure to provide this supervision will result in the Construction Manager issuing a deduct change order in amount commiserate with that Subcontractor's approved labor rates.
11. Subcontractors shall coordinate all work activities which create excessive noise, dust, or any other type of disruption to the Owner.
12. This Subcontractor shall provide reflective vests or safety orange or green shirts for its employees. These items are required on site at all times by all workers in all areas, inside and outside of the building.
13. Subcontractors shall be a member in good standing in the Ohio Bureau of Worker's Compensation (BWC) Drug-Free Workplace Program (DFWP).
14. Subcontractors shall provide EDGE participation in the amount of 10% of the subcontract total.

15. Subcontractors shall restore and replace all areas disturbed or damaged by their Work activities, including but not limited to: sawcutting existing asphalt and concrete, stone base, asphalt, concrete curbs, concrete sidewalks, concrete aprons, landscaping, signage, existing structures, etc.
16. Subcontractors shall provide all required dewatering for their Work. Discharge of water shall be in accordance with all environmental regulations and shall be filtered.
17. The Scope of Work for each Subcontract includes cleaning and maintaining streets free of dirt, mud, gravel, dust, and other debris caused by the work of the Subcontract. Failure to maintain adjacent streets and logistical right of ways shall result in either the shutdown of work until situations are remedied to the satisfaction of the Construction Manager, or the Construction Manager shall direct and pay for an independent street cleaning company to perform the work and deduct the cost of such work from the responsible Subcontract(s).
18. The Architect shall pay for and obtain the General Building Permit. Each Subcontract is responsible to pay for and obtain any trade specific permits required by Federal, State, City or governing local authority as required. Each Subcontractor shall provide a copy of required permits, inspection violations or deficiencies, and governing authority certifications to the Construction Manager once obtained from the issuing authority.
19. Each Subcontract is required to pay for additional inspections by Federal, State, City or governing local authority due to the failure of inspections caused by deficiencies of that Subcontractor's work.
- 20. All proposals are to include a 100% Bid Bond and the cost to provide a 100% Performance and Payment Bond upon award of contract.**
21. All proposals must include a letter from the issuing Surety Company guaranteeing that they will provide a 100% Material and Labor Payment Bond and a 100% Performance Bond for the full amount of the Subcontract's proposal bid in the event your company or establishment is successful in being awarded the Scope of Work.
22. All Subcontractors are expected to familiarize themselves with the Contract Documents clearly defined within this Bid Package. Exclusion of items within the Contract Documents shall be provided on a voluntary deduct basis only. Broad exclusions will not be accepted and shall be grounds for the Construction Manager to disqualify the proposal on the basis of the proposal not being responsive to this request.
23. Subcontractors who self-perform or employ surveyors to perform surveying for building layout and benchmarking shall maintain calibrated equipment for such construction activities and shall upon request from the Construction Manager provide written evidence of applicable industry calibration certifications or records.

24. Subcontractors shall furnish such manpower, materials, facilities, and equipment, and shall work such hours, including night shifts, overtime operations, and Sundays and holidays, as may be necessary to insure the progress and completion of his Work in accordance with the approved, mutually agreed upon and currently updated progress schedule. If this Subcontractor's Work falls behind the currently updated and approved progress schedule, and it becomes apparent from the current schedule that their Work will not be completed by the specified dates, this Subcontractor shall, as necessary, take some or all of the aforementioned actions, at no additional cost to the Construction Manager or the Owner, as required to substantially eliminate the backlog of Work.
25. Subcontractors shall provide all required warranties as specified for their scope of Work.
26. Subcontractors shall furnish operating, maintenance, extra materials, attic stock, and repair part manuals for all equipment and systems provided. Provide record drawings for the new and modified systems as required.
27. Subcontractors shall provide adequate instructions to the Owner's personnel on the use of equipment and systems as required in the Specifications.
28. Subcontractors shall ensure all vehicles, trucks, and equipment leaving the site and the offsite staging area have been thoroughly washed and free of mud and debris. Dust control during the course of this Work is the responsibility of each Subcontractor.
29. Subcontractors shall be responsible for all traffic control during the times when specifically required for their operation. It is the Subcontractor's responsibility to provide competent flagging persons and adequate safety devices to protect the public during all of their operations. Coordinate with local governing authorities having jurisdiction. All traffic and pedestrian control shall be performed in strict accordance with the Contract Documents, or OSHA standards, whichever is more stringent.
30. In the event Street Closures or traffic control plans are required to complete work activities and are not shown on the Contract Documents, such activities will be the responsibility of the Subcontractor. Each Subcontractor shall include all permitting, flagmen and special traffic routing plan approvals as required for operations taking place outside of the project site fence.
31. Subcontractors shall coordinate Work with all State and local municipalities having jurisdiction, including the State of Ohio, Ohio Department of Transportation, and any other applicable Agencies. Subcontractors shall provide and provide all permits, testing, and inspections relevant to his Scope of Work and as required by any Federal or State government agencies, or local municipalities, requisite to completing his Work and receiving occupancy permit for the Project. Subcontractors shall secure and pay for permits, early start and demolition permits as required to meet schedule, governmental fees, and licenses necessary for the proper execution and completion of their Work, which are applicable at the time the bids are also received whether or not effective or scheduled to go into effect. The governing authority as arranged for by this Subcontractor shall perform inspections of installed Work. Work shall not be covered until approved by the governing authority.

32. All Subcontractors will be required to submit construction reports on a daily basis in the form and type as required by the Construction Manager. Each Subcontractor will be required to provide all information requested with regard to equipment, manpower, materials, schedule coordination and delay issues. The failure to provide construction reports may result in the delay of payment.
33. Each Subcontractor will be required to attend each Weekly Construction Meeting from the time period of two weeks prior to the commencement of work on site and throughout the duration of the contracted work. The Weekly Construction Meetings are typically held on Tuesdays at 8 am in the Construction Manager's job trailer. **Failure to attend a Weekly Construction Meeting without written approval from the Construction Manager can result in a fine of \$150.00 and will be issued in the form of a deduct change order to the Subcontract.**
34. Subcontractors shall become thoroughly familiar with the site, consult records and drawings of existing utilities and their connections, and note all conditions, which may affect or influence the Work of this Subcontractor.
35. All Subcontractors shall be wholly responsible for the protection of finished work, both theirs and of others, as may be required to perform their work. Roof surfaces shall not be subject to any type of construction traffic unless approval is received from the Construction Manager. Storage of materials or performing major installations over or on any finished surface is strictly prohibited. The roofing subcontractor shall protect and/or limit traffic and storage on roof surfaces until the roof installation is complete and accepted by the manufacturer and all warranties for the installation are provided.
36. By submitting a bid, this Subcontractor affirms that he has carefully and completely reviewed the Project Drawings and Specifications, examined the Project site, consulted records and drawings of adjacent structures and existing utilities and their connections, and is aware of all conditions affecting their Work. No claim for additional costs will be allowed because of lack of full knowledge of the Contract Documents and existing or pre-existing conditions.
37. Subcontractors shall hold all material prices for the duration of the Project – no escalation charges or surcharges shall be allowed or considered.
38. Subcontractors are responsible for coordinating their Work with all other Subcontractors involved in the Project, through the Construction Manager and Owner.
39. Subcontractors shall give notice at least two (2) working days prior to the start of construction to be given to the Ohio Utilities Protection Service (OUPS 1.800.362.2764) and to the Owners of the underground utilities who are not members of a registered underground protection service. The OUPS service shall be kept current during all Subcontractor operations. In addition, each Subcontractor shall provide all hand excavation, x-rays, hydrovac, or other non-destructive means to locate all existing utilities prior to the start of work.

40. Subcontractors shall properly store and dispose of all hazardous waste, mixed waste and used materials. Hazardous waste, mixed waste and used materials must properly leave the Project on a regular basis by this Subcontractor, with all materials being removed from the jobsite and Owner's property in accordance with all Federal, State, OSHA, and pertinent laws and codes before the last day of the Contract. This Subcontractor shall properly execute manifests for these materials, if applicable. Virgin materials in original manufacturer's containers must be stored by this Subcontractor to the manufacturer's recommended instructions. All other liquids shall be properly stored with secondary containment and/or in flammable liquid safety cabinets provided by this Subcontractor. This Subcontractor shall not be permitted at any time to have hazardous waste, mixed waste and used materials enter the Project, jobsite, or Owner's property. This Subcontractor shall not dispose hazardous waste, mixed waste and used materials into storm sewers, sanitary sewers or allow direct contact with the ground.
41. If there is a conflict on a specific item between the Contract Documents and the Bid Package Description as stated herein, the Description would govern; however, if an item is covered in the Contract Documents, but not reiterated in the Description, this Subcontractor shall still be responsible for that item of Work. This Subcontractor shall supervise its Work, using its best skills and attention. This Subcontractor shall be solely responsible for construction means, methods, techniques, sequences, dimensions and procedures and/or coordinating all portions of its Work, with all other Work to be performed under separate Subcontracts and/or other Bid Packages. Each Subcontractor must make space allowances for Work of other Contractors and provide necessary openings where indicated or implied by the Contract Documents.
42. Should it appear there is a discrepancy between or within the Bid Package Description, the Drawings and/or Specifications concerning the nature, quality, or extent of materials or Work to be furnished and/or installed, and such discrepancy is not brought to the attention of the Construction Manager during bidding and clarified by Addendum during the bidding period, this Subcontractor shall base their bid on performing the Work in the manner having the higher cost. The Construction Manager shall have the option of selecting either of the manners shown and/or specified. In the event the lower cost manner is selected, a credit shall be due the Owner in the amount of the difference between the lower cost and higher cost manner. All discrepancies shall be called to the attention of the Construction Manager before proceeding with the affected Work.
43. The "Contract Documents," as defined in the General Conditions, include "the Drawings," "Specifications," and all other documents issued within this Bid Package. Although Drawings are grouped and identified by classification of the Work, Subcontractors shall be responsible for their Work as specified herein and as indicated on all Drawings. Although the majority of the Drawings are "to scale," Subcontractors are directed to use indicated dimensions for determining material quantities and for other reasons. No additional monies will be allowed due to Subcontractors using "scaling instruments" to determine material quantities or for other reasons.
44. Subcontractors shall thoroughly read all of the Specifications and Drawings for other Subcontracts including their subcontractors for scope of Work, fixed equipment, and the like to be incorporated or

attached or built into the Work; and familiarized themselves with their requirements and responsibilities to enable the required coordination and supervision.

45. The Owner intends to complete Work outside the provisions of these Contract Documents. Subcontractors shall not restrict or interfere with the Owner's right to the Project to accomplish this Work.
46. Subcontractors shall also familiarize themselves with other items to be incorporated into the Work including equipment and Work by the Construction Manager and/or Owner.
47. Washing of concrete trucks is permissible on site at a "washout location" designated by the Construction Manager in accordance with the Storm Water Pollution Prevention Plan (SWPPP). Should a concrete truck inadvertently wash out elsewhere, the Subcontractor responsible for that concrete will be required to clean up and remove that concrete from the Project site.
48. Subcontractors will cooperate with and assist the Construction Manager in the preparation of construction progress and procedures, schedule of product deliveries, and their effect on the overall project progress and completion. Subcontractors shall immediately notify the Construction Manager within 48 hours of a delay in delivery of products or the scheduled date or completion that may affect the total progress of construction.
49. It shall be the full responsibility of all Subcontractors to coordinate and expedite his Work in relationship with the Contract Work. All Subcontractors are to fully cooperate with other Subcontractors, the Owner, and the Construction Manager in the interest of the timely completion of the entire Project. This Subcontractor is responsible to protect his own Work.
50. If any Subcontractor is required to make connections to existing utilities, he or she shall verify grades and locations at points of such connections and shall immediately notify the Construction Manager of circumstances that would adversely affect the proper connection to such facilities.
51. In the event of any Subcontractors' operations causing damage, interference, or inconvenience to Work being carried out under any other Subcontractor, this Subcontractor shall restore, replace, rectify, or otherwise make good any damage to the satisfaction of the Construction Manager, Architect, and the other Subcontractors. Should the responsible Subcontractor fail to comply with this provision within a reasonable time after written notice, then the Construction Manager shall have the right to have the Work corrected by others at the expense of the responsible Subcontractor.
52. If a Subcontractor installs any Work prior to proper coordination, or in such a manner as to cause interferences with Work of others, it shall arrange for removal of such Work, or arrange for the necessary modification in such Work. Any such action is subject to the approval of the Construction Manager and shall be done with no additional cost to the Project.

53. Subcontractors shall give notices and comply with laws, ordinances, rules, regulations, and orders of public authorities bearing on the performance of his Work. If a Subcontractor observes that the Contract Documents are at variance there with, he shall promptly notify the Construction Manager in writing, and necessary changes shall be adjusted by appropriate notification. If a Subcontractor performs Work knowing it to be contrary to such laws, ordinances, rules and regulations, and without such notice to the Construction Manager, he shall assume full responsibility therefore and shall bear the costs attributable there to.
54. References to nonproprietary standards, codes or specifications, or to manufacturer's specifications, instructions or directions, shall mean the standards in effect on the date included with such reference. Where no date is given, references shall mean the latest edition in effect on the date of the Bid Opening. Such references require that this Subcontractor become fully and adequately informed of the contents of such directions, specifications or codes, and shall properly apply that information so that best possible use of the item, material or technique is achieved.
55. Subcontractors shall be in full compliance with the Environmental Protection Agency both federal and state.
56. Subcontractors shall be responsible for the care, protection and storage of all materials delivered to the job site in furtherance of this Subcontractor's Work. Damage or theft caused by a Subcontractor's failure to properly store and protect materials will not warrant compensation by the Construction Manager.
57. Subcontractors shall be responsible for all safety related items for his Work and workers, in compliance with Federal, State and Local Codes, section 01 35 29 Safety Health and Environment of the project specifications, and the Construction Manager's Site Specific Safety Policy.
58. Subcontractors agree that if the performance of the Subcontractor's Work becomes necessary, or advisable to remove, replace or interfere with any safety devices or controls installed by other Subcontractor's or any other Subcontractor, this Subcontractor will replace or restore such items at their expense. In the event such safety devices or controls are not replaced or restored, this Subcontractor agrees to reimburse others to replace or restore items.
59. Subcontractors shall secure all building materials and equipment against heavy winds and weather both during job hours and non-working hours.
60. Subcontractors shall provide, maintain, and perform protection and prevention of fires or fire hazards during the construction period for his construction material and personnel in accordance with Federal, State, and Local laws and regulations. This includes but is not limited to fire extinguishers, special signs and removal of combustible materials.
61. Subcontractors shall be responsible for all temporary bracing, supports, shoring, and guying as required during installation to keep Work in alignment against temporary construction loads and load equal in

intensity to design loads. Remove temporary supports when the permanent load resisting systems are complete.

62. Subcontractors shall provide as needed for its Work, all hoisting, cranes, lifting devices, elevators, and/or other mechanical or physical material handling device as required to perform the Work, including unloading and storage of materials.
63. Subcontractors is responsible for providing their drinking water, ice, job shacks, etc. Construction Manager will not provide any utilities or telephone services for field offices, job shacks or lunchrooms. This Subcontractor will be responsible for the cost of temporary utilities required for its field offices and trailers including, but not limited to, electric, telephone, water, and sewer.
64. Subcontractors shall provide scaffolding, ladders, shoring, ramps, etc. as required and for safe access to their own Work.
65. The Work includes all hangers, fasteners, screws, nuts, bolts, flashings, dowels, inserts, sleeves, nails, fillers, anchors, miscellaneous metal, supports, and any other appurtenances required for its performance. If prime paint is required on items furnished by any Subcontractor, such will also be done by that Subcontractor. If support steel (structural or miscellaneous) is required and not shown on architectural, structural, or site drawings, it will be furnished and installed by that Subcontractor.

SCOPES OF WORK

The following are separate Scopes of Work assigned to this bid package and identify specific work items to be included in addition to the general items.

Scope of Work #004 AUGER CAST PILES

This Subcontract further includes:

I. REQUIREMENTS

This work primarily includes, but is not limited to, the following specification sections as well as related work specified or shown elsewhere in the contract documents

Specifications

All division 00 and 01 specifications
03 30 00 – Cast-in-Place Concrete
31 23 19 – Dewatering
31 62 13 – Auger Cast Piles

31 20 00 – Earth Moving

II. **SPECIFIC ITEMS**

1. The Auger Cast Piles work minimally includes all production piles, drilling, reinforcing materials, surveying and layout, etc., and such other incidental items required for a complete and quality installation. The aforementioned is for convenience only and shall not be construed as the limit of work to be provided by this trade. The earthwork for the building pads will be complete prior to the mobilization of this Subcontractor. The grade elevation will be left at 640'-0".
2. Surveying control will be provided by the Construction Manager. Seven (7) control hubs will be located around the buildings, and represent the center line of the building corridors. Four (4) control elevation hubs will be located at the NW, NE, SW and SE corners of the site. All surveying required for the location of auger cast piles shall be taken from these control hubs only, and is the requirement of this Subcontractor. This Subcontractor shall reference attached logistic plan for crane road locations and surveying control locations.
3. This Subcontractor shall include two (2) mobilizations. If the second mobilization is not required, the cost of that mobilization shall be returned to the Construction Manager via a deduct change order.
4. This Subcontractor shall provide and maintain all open shaft/excavation protection in strict accordance per OSHA and CKE Safety requirements. Shaft protection shall be left in place and removed by others. Protection for open holes shall be either 1) install an orange safety fence around the perimeter of the building pads or 2) provide plywood protection at each hole with signage in strict accordance with OSHA standards.
5. This Subcontractor shall provide multiple mobilizations as required to meet the schedule. A minimum of two (2) mobilizations is anticipated. The cost of unused mobilizations shall be returned to the Construction Manager via a deduct change order.
6. This Subcontractor will be allowed a maximum of 10 hours of rig downtime, per rig, per building. This Subcontractor shall maintain a minimum production of 20 auger cast piles per day. If production falls below this point, this Subcontractor shall accelerate productivity to recover the lost production and maintain a production of 20 auger cast piles per day from that point forward.
7. Due to Ohio University mandated noise restrictions, during school days, drilling operations shall not commence prior to 9 am, and shall end no later than 7 pm. Other mandated "Quiet Periods" are displayed in Exhibit R, and shall be reviewed by this Subcontractor.
8. Review conditions on site for work placed or installed by others. If deficiencies exist, document these items to CKE. Commencement of work constitutes acceptance of work of others by this Subcontractor.

9. All drilling must occur within the building pad footprint. If this Subcontractor requires drilling outside of the building pad, it will be the responsibility of this Subcontractor for additional earthwork to provide a level grade and platform for the drilling rig.
10. This Subcontractor shall provide all surveying and layout required for locating piles, and provide ALL project record document requirements listed in specification 31 62 13 "Augered Cast Piles." Surveying must be completed by a Professional Surveyor whom must include Professional Liability Insurance whereas Corna Kokosing Construction and Elford, Inc. must be named as "Additional Insured." Reference Exhibit G. A copy of the insurance policy shall be submitted to the Construction Manager prior to commencing work.
11. The subsurface investigation is included in the Project Manual. Bidders are required to review this document and include associated cost in their proposal.
12. This Subcontractor shall provide all backfill required for their work.
13. This Subcontractor shall provide all Record Logs and Drilling Logs on a daily basis and shall submit to CKE.
14. The pile depths shown on the drawings are for bidding purposes. The Geotechnical Engineer will determine final pier depths. This Contractor is to provide unit costs per lineal foot on the bid form for additional lineal footage of auger pile as well as a reduction in lineal footage. This Contractor is to provide unit costs per lineal foot on the bid form for additional lineal footage of drilling into earth as well as a reduction in lineal footage. This Contractor is to provide unit costs per lineal foot on the bid form for additional lineal footage of drilling into rock as well as a reduction in lineal footage.
15. This Subcontractor shall include a 31,700 total linear feet of drilling into earth, 4,950 LF of drilling into rock and 26,200 total linear feet of auger cast piles.
16. The design intent is to install the bottom of each auger cast pile into intact bedrock to auger refusal. This subcontractor shall provide all timing on site to determine refusal per the contract documents.
17. Provide 48-hour notice prior to operations/installation/placement to allow for inspections by the Testing Agency and/or Architect and Structural Engineer.
18. Provide and expedite design mix, additives, reinforcing, etc. submittals. Submittals must be submitted to the Construction Manager no later than 5 days following a Letter of Intent or Verbal Award. Submittals must be approved prior to start of the work. Reference Exhibit S for all required submittals.
19. Provide all reinforcing protection caps. Removal of caps is by others.
20. All spoils, slurry, debris, etc. generated by this Subcontractor's Work are to be removed from

site and legally disposed of by this Subcontractor.

21. Rebar laydown area will be upon the direction of the Construction Manager, and maintained in an organized and clean manner.
22. Coordinate all deliveries of equipment and materials, staging, offloading, etc with the Construction Manager at least 24 hours in advance.
23. Provide all grout and reinforcing materials and placement for piles. All reinforcing steel and dowels are included. Grout placement by pumping, buckets, hoisting or other methods as required to place grout by the contract documents, site conditions, constructability, or in order to place material with minimal disruption to the surrounding areas.
24. This Subcontractor shall exclude the 2-ton additional rebar requirement as shown on drawing S0-1.
25. Install flagging at all piles that clearly identify the locations and protect piles from damage.
26. Provide any portable generators for temporary power for equipment and light requirements required to perform the work safely and for quality control since temporary power will not be established for this work.
27. Provide any water for drilling operations and equipment required to perform the work safely and for quality control since temporary water will not be available for this work. If fire hydrants are used on site, the contractor shall install a backflow preventer and water meter. Contact City of Athens for requirements and associated meter fees and usage fees.
28. This Subcontractor shall provide all dewatering as necessary to complete the installation of the auger cast piles.
29. This Subcontractor shall provide and maintain a lined dumpster on site for wash-out purposes for the duration of their work on site. An on-site wash-out pit will not be provided by others.
30. This Subcontractor shall restore building pads and roads to suitable conditions as approved by CKE.
31. This Subcontractor excludes the following items: Concrete pile caps, spread or strip foundations, slab on grade, grade beams.
32. This Subcontractor shall provide all necessary weather protection for their work and include all cold weather costs for the installation of auger cast piles.
33. This Subcontractor shall provide clean-up of all debris created by their work on a daily basis.
34. This Subcontractor shall take notice of the location of the underground steam tunnel. If this subcontractor intends to locate a drilling rig above the tunnel, all engineering and shoring as

required to protect the tunnel shall be included in the bid.

35. This Subcontractor shall include street cleaning of all adjacent roadways and walks to remove all mud and debris created by the work of this Subcontract. The cleanliness of the roadways is the sole discretion of the Construction Manager.
36. This Subcontractor shall include flaggers whenever trucks are entering and exiting the site.
37. This Subcontractor shall include on the Bid Form a unit price for downtime per hour for the hourly cost of rig and crew in the event of encountering an obstruction or other obstacle that hinder or delay with the progression of auger cast pile installation work. (Addendum #1)

Scope of Work #005 EARLY GENERAL TRADES

This Subcontract further includes:

I. REQUIREMENTS

This work primarily includes, but is not limited to, the following specification sections as well as related work specified or shown elsewhere in the contract documents

Specifications

All division 00 and 01 specifications

All Project Specifications necessary for a complete installation of the Project Mock Up. The bidder shall take into consideration that the project specifications are currently at the level of Design Development at the issuance of this bid package. Each bidder shall qualify any materials that are required to be provided for the installation of the mockup, but not specifically listed in the specifications and/or drawings. In the event of a discrepancy between the project specifications issued with this Bid Package and the Mock-Up Drawings, the drawings shall take precedence.

03 30 00 – Cast in Place Concrete

04 21 10 – Brick Masonry

05 50 02 – Miscellaneous Metal Fabrications

06 16 35 – Wood Panel Sheathing

06 16 43 – Gypsum Sheathing

06 20 13 – Exterior Finish Carpentry

06 30 10 – Architectural Wood Shelving

06 41 10 – Architectural Casework

06 46 10 – Interior Wood Trim

07 21 10 – Architectural Thermal Insulation

07 27 00 – Air Barrier System

07 84 10 – Fire Stopping and Smoke Stopping

07 92 20 – Joint Sealants

08 11 10 – Steel Doors & Frames

08 14 00 – Wood Doors

08 40 00 – Entrances, Store Fronts, Curtain Walls (as it relates to Punch Windows)
08 81 10 – Interior Glass
08 81 20 – Exterior Glass
08 83 00 – Mirrors
09 22 15 – Interior Non-Structural Metal Framing
09 29 00 – Gypsum Board
09 30 00 – Tiling
09 51 00 – Acoustical Ceilings
09 65 00 – Resilient Flooring
09 72 00 – Wall Covering
09 68 00 – Carpeting
09 90 00 – Painting and Coating
10 28 13 – Toilet Accessories
12 20 00 – Window Treatments
12 36 62 – Solid Surface Fabrications

This Subcontractor further includes:

1. This Subcontractor shall provide a complete mock-up per URS drawings dated 7/17/2013. This Subcontractor shall provide ALL work as indicated on the URS mock-up drawings except precast panels and associated support system, plumbing, sprinkler system, HVAC, electric, and fire alarm, which will be provided by others.
2. This Subcontractor shall include the concrete slab noted on Drawing A-101 of the URS Mock-Up Drawings. For bidding purposes, include a minimum of 2" of thickness with no reinforcement. The slab shall be placed over a bond breaker and vapor barrier. Removal of this slab is to be performed by this Subcontractor.
3. This Subcontractor shall remove the mockup in its entirety and repair all finishes within Adams Hall to the condition that existed prior to the installation.
4. Prior to commencing Mock-Up work, this Subcontractor shall provide photographic documentation of the interior of Adams Hall pre-existing conditions. Photographic documentation shall be submitted to the Construction Manager for record. Failure to provide photographic documentation prior to the commencement of work will result in this Subcontractor bearing all costs associated with repairing Adams Hall to "like new" conditions.
5. This Subcontractor shall include as an Alternate the cost for all temporary roads per the attached Site Logistics Plan, Exhibit Q. The temporary road shall consist of 6" of #1 & 2 stone capped with 3" of compacted 304s. The temporary road will be installed in two separate mobilizations, as noted on the Site Logistics Plan.
6. This Subcontractor shall provide and maintain all temporary doors and locks at all exterior openings on the First Floor of each Building.

7. This Subcontractor shall include as an Alternate the cost to provide all temporary protection necessary for the precast concrete corridor walls for the duration of the project. The bidder shall qualify and define the protection system being used on the Bid Form.
8. This Subcontractor shall provide and install all temporary protection at all exterior penetrations, and interior penetrations such as stairwell shafts, elevator shafts, balconies, etc. Protection is to be provided in strict accordance with OSHA standards and the Construction Manager's Site Specific Safety policy. The Elevator Subcontractor will maintain hoistway protection while performing work in this area.
9. This Subcontractor shall provide all weather protection to be located at all exterior window openings, curtain wall openings and at all exterior door openings. Removal of weather protection will be by others. Maintenance of the temporary protection is to be performed by this Subcontractor.
10. This Subcontractor shall provide a labor allowance of 3000 laborer hours to be used for general clean-up.
11. This Subcontractor shall provide a labor allowance of 700 carpentry hours to be used at the CM's discretion.
12. This Subcontractor shall provide an allowance in the amount of \$10,000.00 for temporary fence relocations as directed by CM.
13. This Subcontractor shall provide all pressure treated wood blocking located at the sills of all window openings. Please reference elevation drawings for window locations and detail 5 on Drawing A-101 of the mock-up room drawing set.
14. This Subcontractor shall provide all maintenance of erosion & sediment control for the duration of the project, starting 10/1/13 until 3/1/2015. Maintenance includes completing SWPP inspection reports following each rain event and weekly inspection of the entire erosion and sediment control system, as noted on URS Drawing C-301, dated 5/21/2013. Maintenance shall include the relocation or replacement of all silt fence, dandy bags, erosion control rolls and all other items as required to keep the erosion & sediment control system in strict compliance with EPA standards.
15. This Subcontractor shall provide and maintain sufficient quantity of temporary fire extinguishers with stands for general use throughout the project as required by OSHA, NFPA, Site Specific Safety Plan and all applicable statutes. Fire extinguishers shall be rated 10 LB. Multi Purpose ABC Dry Chemical. Provide fire extinguishers on 2" x 4" wood stands in 5 gallon plastic buckets which are filled with adequate concrete to properly hold extinguishers in a stable upright position. 2" x 4" wood stands shall include highly visible "Fire Extinguisher" signage and metal fire extinguisher brackets. Daily inspection and maintenance shall be included with these requirements.
16. This Subcontractor shall provide one air horn to be mounted at each floor of all buildings, including an identification sign at each location. Location and signage language to be coordinated with the Construction Manager. This Subcontractor shall provide twenty (20) additional air horns and deliver to Construction Manager's field office to be used at discretion of the Construction Manager.
17. This Subcontractor shall provide and install Tattle Tale security system at each building on the project site, a total of five (5) buildings. This Subcontractor shall coordinate the installation with the Construction Manager. At a minimum, the alarm system shall provide interior protection for all 5 buildings, and protection within the temporary fence line. For bidding purposes, include 17 months of

monthly service. All unused monthly service fees will be returned to the Construction Manager via a deduct Change Order.

18. This Subcontractor shall provide and install Tattle Tale security system at the Construction Manager's trailer compound, which includes 2 double-wide units, and include all monthly service fees until 08/01/2015. This Subcontractor shall remove and terminate the security system following the end of the contract.
19. This Subcontractor shall provide all temporary evacuation signage as necessary and install in the buildings at the direction of the Construction Manager. At a minimum, evacuation signage shall be printed on 11x17 sheets of paper and laminated. Subcontractor shall anticipate at least two evacuation signs per floor, per building.
20. This Subcontractor shall provide an allowance in the amount of \$5,000.00 to be used for misc. materials at the CM's discretion.
21. This Subcontractor shall provide one temporary stair tower at each residence building. Tower to be maintained until permanent stairs are in place. The cost of all temporary stairs shall be broken out separately on the bid form. Three months of rental in addition to installation and removal shall be included.
22. This Subcontractor shall provide all equipment and operation of equipment necessary for their work, including but not limited to: scaffolding, hoisting, cranes, forklifts, lifts, etc.
23. This Subcontractor shall include on the Bid Form a deduct alternate cost to provide laminated wood cabinets for the Mock Up in lieu of solid maple cabinets. (Addendum #1)

SCOPE OF WORK #006 PILE CAPS & GRADE BEAMS

This Subcontractor further includes:

I. REQUIREMENTS

This work primarily includes, but is not limited to, the following specification sections as well as related work specified or shown elsewhere in the contract documents

Specifications

All Division 00 & 01 specifications
03 30 00 – Cast-in-Place Concrete
05 50 00 – Miscellaneous Metals
07 21 10 – Architectural Insulation
07 65 19 – Cementitious Waterproofing
31 23 19 – Dewatering
31 20 00 – Earth Moving

II. SPECIFIC ITEMS

1. The Pile Caps & Grade Beams work minimally includes all pile caps, grade beams, concrete piers, excavations, reinforcing materials, waterstops, formwork, isolation joints, construction joints, control joints, surveying and layout, etc., and such other incidental items required for a complete and quality installation. The aforementioned is for convenience only and shall not be construed as the limit of work to be provided by this trade.
2. The earthwork for the building pads will be complete prior to the mobilization of this Subcontractor. The grade elevation will be left at 640'-0" with the exception of open excavations remaining from Auger Cast Pile Installation. This Subcontractor shall verify the building pad, elevation, grade and compaction prior to starting work in this area.
3. This Subcontractor shall accept the site and soils conditions; excavate to subgrade elevations regardless of the character of the surface and subsurface conditions encountered. Excavated materials may include shale, rock, soil materials, and obstructions. No changes in the Contract Sum or the Contract Time will be authorized for rock excavation or removal of obstructions without approval of Contractor. Replace all unsatisfactory soils materials and rock intended for fill and backfill with satisfactory soils materials.
4. This Subcontractor shall prevent surface water and ground water from entering excavations, from ponding on prepared subgrades, and from flooding Project site and surrounding areas. Protect subgrades from softening, undermining, washout, and damage by rain or water accumulation. Dewater all standing water as required to prevent damage to prepared subgrades.
5. This Subcontractor shall exclude all auger cast pile work, interior concrete flat work, including slabs on grade and concrete toppings. This subcontractor shall exclude all equipment pads, concrete sidewalks, and concrete bollards, and all other concrete not associated with the installation of the grade beams and pile caps.
6. Surveying control will be provided by the Construction Manager. Seven (7) control hubs will be located around the buildings, and represent the center line of the building corridors. Four (4) control elevation hubs will be located at the NW, NE, SW and SE corners of the site. All surveying required for the location of auger cast piles shall be taken from these control hubs only, and is the requirement of this Subcontractor. This Subcontractor shall reference attached logistic plan for crane road locations and surveying control locations.
7. This Subcontractor shall provide and maintain all open shaft/excavation protection in strict accordance per OSHA and CKE Safety requirements, as well as removal of Auger Cast Pile protection.
8. This Subcontractor shall provide multiple mobilizations as required to meet the schedule.
9. This Subcontractor shall coordinate with the Precast Erector and Precast Fabricator for the installation of all embeds required for the installation of precast concrete walls. On the bid form,

this Subcontractor shall provide a unit price to provide and install all embeds located in grade beams required for connecting to precast wall panels. Loose angels, plates and other miscellaneous metals shall be excluded from this Subcontract. For bidding purposes, include **850 6"x12"x3/8" thick embeds with 2 Nelson Studs per embed. (Addendum #1)**

10. This Subcontractor shall provide and install all elevator pit walls and sump pits, including waterstops, reinforcing, dowels, embeds, etc. This includes all below grade waterproofing at pit walls. Subcontractor shall coordinate with the Elevator and Plumbing contractors for this work.
11. This Subcontractor shall provide perimeter insulation located along exterior grade beams. Insulation shall be as specified and extend to bottom of grade beam.
12. This Subcontractor shall provide on the bid form a unit price for the Cementitious Waterproofing listed in specification 07 65 19, and a separate unit price for a fluid applied waterproofing such as Bituthene, or equal.
13. This subcontractor shall provide all interior and exterior backfill with suitable soils at precast wall locations. Bidders shall anticipate multiple mobilizations for this work and coordinate activities with precast erection and masonry work. Backfill shall be provided and compacted per the requirements noted in the specifications.
14. This Subcontractor shall export and legally dispose of all excess and unsuitable materials. No stock piling of material onsite will be permitted.
15. This Subcontractor shall coordinate with the Structural Steel Contractor for the location and installation of all dowels, embeds, and anchor bolts required for the installation of steel columns.
16. This Subcontractor shall provide and install all dowels, embeds, and hooks where Grade Beams are integrated with slabs on grade. Provide, install and maintain rebar caps per OSHA standards.
17. This Subcontractor shall coordinate the installation of all sleeves required by the MEP Subcontractors. Installation of all sleeves shall be provided by this Subcontractor.
18. Due to the location of embeds required for the installation of the Precast Concrete wall panels, this Subcontractor shall anticipate and include the cost of formwork for all grade beams supporting exterior precast concrete walls. If soil conditions allow, trench pouring will be acceptable for grade beams supporting interior precast concrete walls.
19. This Subcontractor shall provide and install all grout under structural steel column base plates.
20. This Subcontractor shall provide and install all grouting of precast walls to grade beam connections and at second floor where precast walls will bear on floor plank at all exterior walls and interior corridor walls. This cost shall be included on the bid form as an alternate.

21. This Subcontractor shall provide all placement, concrete, finishing, and curing of the concrete-filled metal stair pans. Protect adjacent surfaces and clean all concrete from adjacent areas.
22. This Subcontractor shall reference attached logistic plan for temporary roads, crane road locations and surveying control hubs.
23. Review conditions on site for work placed or installed by others. If deficiencies exist, document these items to the Construction Manager. Commencement of work constitutes acceptance of work of others by this subcontractor.
24. The subsurface investigation is included in the Project Manual. Bidders are required to review this document and include associated cost in their proposals.
25. Provide 48-hour notice prior to operations/installation/placement to allow for inspections by the Testing Agency and/or Architect and Structural Engineer. An independent testing agency will be employed by the owner to inspect placement of materials as defined in the specification section.
26. This Subcontractor shall remove all reinforcing protection caps left in place by others.
27. All spoils, slurry, debris, etc. generated by this Subcontractor's Work are to be removed from site by this Subcontractor.
28. Provide all concrete and reinforcing materials and placement for pile caps and grade beams. All reinforcing steel and dowels are included. Include concrete placement by pumping, buckets, hoisting or other methods as required to place concrete by the contract documents, site conditions, constructability, or in order to place material with minimal disruption to the surrounding areas.
29. This Subcontractor shall include the 2-ton additional rebar requirement as noted on drawing S0-1. All left-over rebar shall be removed from the site, recycled and documented for the LEED Construction Waste Management Plan. The proceeds from scraping the reinforcing shall be returned to the Construction Manager via a deduct change order.
30. Provide any portable generators for temporary power for equipment and lighting requirements required to perform the work safely and for quality control since temporary power will not be established for this work.
31. This Subcontractor shall provide all winter protection as required for their Work, including but not limited to: hot water and admixtures for concrete, temporary heaters and consumed fuel, temporary enclosures, concrete blankets, ground heaters, etc.
32. This Subcontractor shall provide all dewatering as necessary to complete the installation of the grade beams and pile caps.

33. This Subcontractor shall provide and maintain a lined dumpster on site for wash-out purposes for the duration of their work on site. An on-site wash-out pit will not be provided by others.
34. This Subcontractor shall restore building pads and roads damaged by this Subcontractor to suitable conditions and as approved by CKE.
35. This Subcontractor shall provide clean-up of all debris created by their work on a daily basis.
36. This Subcontractor shall include street cleaning of all adjacent roadways and walks to remove all mud and debris created by the work of this Subcontract. The cleanliness of the roadways is the sole discretion of the Construction Manager.
37. On the Bid Form, provide an add alternate to expedite and provide all submittals and shop drawings from 5 days following Letter of Intent or Notice to Proceed. (Addendum 2)