



ARCHITECTURE
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Greenville Transportation Activity Center – Greenville, NC

Project Manual

Addendum No. 2, June 9, 2016

Project Number L3005900

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Date	June 9, 2016
Project Name	Greenville Transportation Activity Center
Project Location	Greenville, NC
Project No.	L3005900

1.1 Definition

- A. An Addendum is a modification to a Bid Issue. An Addendum is issued during the bidding period and supersedes previous documentation in the Bid Issue.

2.1 Bidder's Responsibility

- A. The Bidder's proposal shall incorporate this Addendum to the same extent as though it was originally included in the Bid Issue.
- B. The Bidder's proposal confirms receipt of the Addendum as provided in the Form of Proposal.

3.1 Drawings

- A. The following Drawings are revised as follows:

Civil

- 1. Drawing No. C-4

Description of Revision:

- a. Drawing clarification: The concrete pavement section does not require reinforcement or dowels at the joints.

Architectural

- 1. Drawing No. A-900

Description of Revision:

- a. Drawing clarification: Bike racks on the east side of the building are OFCI and bike racks on the west side of the building are CFCI.

4.1 Project Manual

A. The following Specification Sections are revised and reissued:

1. Section No. 000110 – Specifications List
Description of Revision:
 - a. Added Termite Control.
2. Section No. 002113 – Instructions to Bidders
Description of Revision:
 - a. Change date for cut-off of bidder's questions to June 15, 2016.
3. Section No. 004113 – Bid Form – Stipulated Sum Single-Prime Contract
Description of Revision:
 - a. Added Unit Price line.
4. Section No. 013410 – Submittal Register
Description of Revision:
 - a. Added Section 313116 submittals.
5. Section No. 096543 – Linoleum Flooring
Description of Revision:
 - a. Added "Harmonium XF2" as manufactured by Tarkett as an equal product.

B. The following Specification Section is issued:

1. Section No. 313116 – Termite Control.

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END OF ADDENDUM NO. 2

**Greenville Transportation and Activity Center
SPECIFICATIONS LIST**



O = Original Issue
REV = Revised
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DEL = Deleted

		Issue for Construction, May 10, 2016	Addendum No. 1, 5/26/16	Addendum No. 2, 06/09/16		
Procurement and Contracting Requirements						
000101	Project Title Page	O				
000107	Seals Page	O				
000110	Specifications List	O		REV		
000115	List of Drawings	O				
001113	Advertisement for Bids	O				
002113	Instructions to Bidders	O		REV		
002513	Pre-Bid Meetings	O				
003126	Existing Hazardous Material and Removal Information	O				
003132	Geotechnical Data	O				
004113	Bid Form - Stipulated Sum Single-Prime Contract	O		REV		
004313	Bid Security Forms	O				
004325	Substitution Request Form (During Procurement)	O				
005213	Owner-Contractor Agreement	O				
006000	Project Forms	O				
006113	Performance and Payment Bond Form	O				
006239	Disadvantaged Business Enterprise Program	O				
006276.13	Sales Tax Form	O				
008000	Supplementary Conditions	O				
008100	Special Conditions – FTA Terms & Conditions	O				
Division 01 - General Requirements						
010460	Chases, Openings and Inserts	O				
010490	Coordination Drawings	O				
011100	Summary of Work	O				
012200	Unit Prices	O				
012300	Alternates	O	REV			
012513	Product Substitution Procedures	O				
012600	Modification Procedures	O				
012973	Schedule of Values	O				
012976	Application for Payment	O				
013100	Project Coordination	O				
013119	Project Meetings	O				
013200	Progress Reports	O				
013216	Construction Schedules	O				
013300	Submittals	O				
013329	Sustainability Requirements	O				
013410	Submittal Register	O		REV		

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013543	Environmental Protection	O				
014100	Codes, Regulations and Standards	O				
014216	Definitions and Documentation Standards	O				
014523	Inspection and Testing Services	O				
014527	Inspection and Testing of Earthwork	O				
014533	Inspection and Testing of Cast-In-Place Concrete	O				
014535	Inspection and Testing of Masonry	O				
014537	Inspection and Testing of Asphaltic Concrete	O				
014551	Inspection and Testing of Structural Steel	O				
014570	Inspection and Testing of Exterior Enclosure	O				
014571	Inspection and Testing of Roofing and Waterproofing	O				
014900	Methods and Means Engineering	O				
015200	Construction Facilities	O				
015700	Construction Pollution Controls	O				
016000	Material and Equipment	O				
016610	Testing and Balancing of Mechanical Systems	O				
017123	Field Engineering	O				
017329	Cutting and Patching	O				
017400	Warranties and Bonds	O				
017419	Construction Waste Management	O				
017423	Final Cleaning	O				
017700	Project Closeout	O				
017823	Operation and Maintenance Data	O				
017839	Project Record Documents	O				
018120	Construction Indoor Air Quality (IAQ) Management	O				
019113	General Commissioning Requirements	O				
Division 02 - Existing Conditions						
024116.13	Building Demolition	O				
Division 03 - Concrete						
031000	Concrete Formwork	O				
032000	Concrete Reinforcement	O				
032500	Concrete Accessories	O				
033000	Cast-In-Place Concrete	O				
033543	Polished Concrete Finishing	O				
Division 04 - Masonry						
042000	Unit Masonry	O				

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Division 05 - Metals							
050513	Fluoropolymer Coatings	O					
051200	Structural Steel Framing	O					
051213	Architecturally Exposed Structural Steel Framing	O					
055000	Metal Fabrications	O					
055213	Pipe and Tube Railings	O					
Division 06 - Wood, Plastic and Composites							
061000	Rough Carpentry	O					
061543	Cross Laminated Timber Panels	O					
061600	Sheathing	O					
061800	Glue-Laminated Construction	O					
062000	Finish Carpentry	O					
064000	Architectural Woodwork	O					
Division 07 - Thermal and Moisture Protection							
070050	Exterior Enclosure, General	O					
071352	Modified Bituminous Sheet Waterproofing	O					
072100	Thermal Insulation	O					
072600	Air/Vapor Barriers	O					
074233	Phenolic Wall Panels	O					
075000	Membrane Roofing (Single-Ply)	O					
076000	Flashing and Sheet Metal	O					
077200	Roof Accessories	O					
077210	Fall Arrest Roof Anchors	O					
078400	Firestopping	O					
079200	Joint Sealants	O					
Division 08 - Openings							
081113	Standard Hollow Metal Doors and Frames	O					
081400	Wood Doors	O					
081500	Fiberglass-Reinforced Plastic Doors	O					
083100	Access Doors and Panels	O					
084113	Aluminum Entrances and Storefronts	O					
084413	Glazed Aluminum Curtainwall	O					
087100	Door Hardware	O					
088000	Glazing	O					
088300	Mirrors	O					
089100	Louvers	O					

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Division 09 - Finishes							
092116	Gypsum Board Assemblies	O					
093013	Ceramic Tiling	O					
095100	Acoustical Ceilings	O					
096519	Resilient Tile Flooring	O					
096543	Linoleum Flooring	O		REV			
096813	Tile Carpeting	O					
099100	Painting	O					
099600	High Performance Coatings	O					
Division 10 - Specialties							
101400	Exterior Signs	O					
101401	Interior Signs	O					
102113	Compact Laminate (Solid Phenolic) Toilet Compartments	O					
102813	Toilet Accessories	O					
104413	Fire Extinguishers and Cabinets	O					
Division 11 - Equipment							
113113	Residential Kitchen Appliances	O					
Division 12 - Furnishings							
122113	Horizontal Louver Blinds	O					
124813	Entrance Mats and Frames	O					
129300	Site Furnishings and Structures	O					
Division 14 - Conveying Equipment							
142400	Machine Roomless Holesss Hydraulic Elevators	O					
Division 21 - Fire Suppression							
210517	Sleeves and Sleeve Seals for Fire-Suppression Piping	O					
210518	Escutcheons for Fire-Suppression Piping	O					
210523	General-Duty Valves for Water-Based Fire-Suppression Piping	O					
211100	Facility Fire-Suppression Water-Service Piping	O					
211313	Wet-Pipe Sprinkler Systems	O					
211316	Dry-Pipe Sprinkler Systems	O					

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Division 22 - Plumbing						
220513	Common Motor Requirements for Plumbing Equipment	O				
220517	Sleeves and Sleeve Seals for Plumbing Piping	O				
220518	Escutcheons for Plumbing Piping	O				
220519	Meters and Gages for Plumbing Piping	O				
220523	General-Duty Valves for Plumbing Piping	O				
220529	Hangers and Supports for Plumbing Piping and Equipment	O				
220553	Identification for Plumbing Piping and Equipment	O				
220716	Plumbing Equipment Insulation	O				
220719	Plumbing Piping Insulation	O				
220800	Commissioning of Plumbing Systems	O				
221113	Facility Water Distribution Piping	O				
221116	Domestic Water Piping	O				
221119	Domestic Water Piping Specialties	O				
221123	Domestic Water Pumps	O				
221313	Facility Sanitary Sewers	O				
221316	Sanitary Waste and Vent Piping	O				
221319	Sanitary Waste Piping Specialties	O				
221319.13	Sanitary Drains	O				
221413	Facility Storm Drainage Piping	O				
221423	Storm Drainage Piping Specialties	O				
221429	Sump Pumps	O				
223300	Electric, Domestic-Water Heaters	O				
224213.13	Commercial Water Closets	O				
224213.16	Commercial Urinals	O				
224216.13	Commercial Lavatories	O				
224216.16	Commercial Sinks	O				
224713	Drinking Fountains	O				
224723	Remote Water Coolers	O				
Division 23 - HVAC						
230513	Common Motor Requirements for HVAC Equipment	O				
230517	Sleeves and Sleeve Seals for HVAC Piping	O				
230518	Escutcheon for HVAC Piping	O				
230523	General-Duty Valves for HVAC Piping	O				
230529	Hangers and Supports for HVAC Piping and Equipment	O				
230553	Identification for HVAC Piping and Equipment	O				
230593	Testing, Adjusting, and Balancing for HVAC	O				
230713	Duct Insulation	O				
230800	Commissioning of Mechanical Systems	O				
230900	Instrumentation and Control for HVAC	O				
230901	Commissioning of Integrated Automation Systems	O				

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		Issue for Construction, May 10, 2016	Addendum No. 1, 5/26/16	Addendum No. 2, 06/09/16		
230993	Sequence of Operations for HVAC Controls	O				
232300	Refrigerant Piping	O				
233113	Metal Ducts	O				
233300	Air Duct Accessories	O				
233423	HVAC Power Ventilators	O				
233713	Diffusers, Registers, and Grilles	O				
234100	Particulate Air Filtration	O				
236200	Packaged Compressor and Condenser Units	O				
236313	Air-Cooled Refrigerant Condensers	O				
237433	Dedicated Outdoor-Air Units	O				
238219	Fan Coil Units	O				
238239	Unit Heaters	O				
Division 26 - Electrical						
260519	Low-Voltage Electrical Power Conductors and Cables	O				
260526	Grounding and Bonding for Electrical Systems	O				
260529	Hangers and Supports for Electrical Systems	O				
260533	Raceways and Boxes for Electrical Systems	O				
260543	Underground Ducts and Raceways for Electrical Systems	O				
260544	Sleeves and Sleeve Seals for Electrical Raceways and Cabling	O				
260553	Identification for Electrical Systems	O				
260572	Overcurrent Protective Device Short-Circuit Study	O				
260573	Overcurrent Protective Device Coordination Study	O				
260574	Overcurrent Protective Device Arc-Flash Study	O				
260800	Commissioning of Electrical Systems	O				
260913	Electrical Power Monitoring and Control	O				
260923	Lighting Control Devices	O				
260936	Modular Dimming Controls	O				
262416	Panelboards	O				
262713	Electricity Metering	O				
262726	Wiring Devices	O				
262813	Fuses	O				
262816	Enclosed Switches And Circuit Breakers	O				
265119	LED Interior Lighting	O				
265219	Emergency and Exit Lighting	O				
265613	Lighting Poles and Standards	O				
265619	Exterior Lighting	O				
Division 27 - Communications						
270000	Communications	O				
270526	Grounding and Bonding for Communications Systems	O				
270529	Hangers and Supports for Communications Systems	O				
270533	Conduits and Backboxes for Communications Systems	O				
270536	Cable Tray for Communications Systems	O				
270553	Identification for Communications Systems	O				

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		Issue for Construction, May 10, 2016	Addendum No. 1, 5/26/16	Addendum No. 2, 06/09/16		
270800	Commissioning of Communications	O				
271116	Communications Cabinets, Racks, Frames and Enclosures	O				
271119	Communications Termination Blocks and Patch Panels	O				
271519	Data Communications Horizontal Cabling	O				
271543	Communications Faceplates and Connectors	O				
275116	Public Address Systems	O				
Division 28 - Electronic Safety and Security						
280513	Conductors and Cables for Electronic Safety and Security	O				
281300	Access Control	O				
282300	Video Surveillance	O				
283111	Digital, Addressable Fire-Alarm System	O				
Division 31 - Earthwork						
312000	Earth Moving	O				
313116	Termite Control			O		
Division 32 - Exterior Improvements						
321216	Asphalt Paving	O				
321313	Concrete for Exterior Improvements	O				
321416	Brick Pavers, Mortar Bed	O				
321723	Pavement Markings	O				
329000	Planting	O				
Division 33 - Utilities						
331000	Water Utilities	O				
333000	Sanitary Sewerage Utilities	O				
334000	Storm Sewer Utilites	O				

END

Part 1 General

1.1 Basic Information

A. The following is a tabulation of basic bidding information for the convenience of Bidders. Where required, subjects are elaborated upon in this Section.

1. Project Name: Greenville Transportation Activity Center
2. Bids Due: June 23, 2016 by 2:00 PM.
3. Bids to be Addressed to: City of Greenville, Public Works Department, c/o Ken Jackson, 1500 Beatty Street, Greenville, NC 27834.
4. Bids to be Opened: Privately Publicly .
5. Bids to be Submitted (quantity): One (1) copy.
6. Bid Form to be Used, Enclosed: Yes No.
7. Alternates: Yes No.
8. Unit Prices: Yes No.
9. Bid Security Required: Yes No; 5 percent (5%) of proposal Amount.
10. Performance Bond Required: Yes No.
11. Labor and Material Payment Bond Required: Yes No.
12. Bids Valid for: 60 calendar days from Bid opening.
13. Approximate Date of Start: September 01, 2015.
14. Time for Completion: work shall be completed in 365 calendar days.
15. Liquidated Damages: Yes No, except for bid security.
16. AIA Document A201, General Conditions of the Contract for Construction (General Contractor Type): Yes No.
17. Supplementary Conditions: Yes No.
18. Special Conditions: Yes No. – See FTA Terms and Conditions

*¹ Addendum No. 2, 06/09/16

19. Tax Exempt: Yes No.
20. Pre-Bid Conference:
- a. Date: May 19, 2016.
 - b. Time: 2:00 PM
 - c. Place: TBD.
21. Cut-off for bid questions:
- a. *¹ Date: June 15, 2016.
 - b. Time: 5:00 PM
22. Selected List of Bidders: Yes No.
23. Inquiries - Person to Contact:
- a. Name: John A. Stevermer.
 - b. Telephone Number: (919) 334-3115.

1.2 Definitions

- A. Bidding Documents include the Advertisement for Bids, Instructions to Bidders, the Bid Form, other sample bidding and contract forms, and the proposed Contract Documents, including all Addenda issued prior to receipt of Bids. Contract Documents proposed for the Work consist of the Owner-Contractor Agreement, the Conditions of the Contract (General and other Conditions), the Drawings, the Specifications and all Addenda issued prior to and all Modifications issued after execution of the Contract.
- B. All definitions set forth in AIA Document A201, General Conditions of the Contract for Construction, or in other Contract Documents, are applicable to the Bidding Documents.
- C. Addenda are written or graphic instruments, issued by the Design Professional prior to the execution of the Contract, which modify or interpret the Bidding Documents by additions, deletions, clarifications or corrections.
- D. A Bid is a complete and properly signed proposal to do the Work or designated portion thereof for the sums stipulated therein, submitted in accordance with the Bidding Documents.
- E. Base Bid is the sum stated in the Bid for which the Bidder offers to perform the Work described in the Bidding Documents as the base, to which work may be added or from which work may be deleted, for sums stated in Alternate Bids.
- F. An Alternate Bid (or Alternate) is an amount stated in the Bid to be added to or deducted from the amount of the Base Bid if the corresponding change in the Work, as described in the Bidding Documents, is accepted.

*¹ Addendum No. 2, 06/09/16

- G. A Unit Price is an amount stated in the Bid as a price per unit of measurement for materials or services as described in the Bidding Documents or in the proposed Contract Documents.
- H. A Bidder is a person or entity who submits a Bid.
- I. A Sub-bidder is a person or entity who submits a Bid to a Bidder for materials or labor for a portion of the Work.

1.3 Bidder's Representations

- A. Each Bidder, by making his Bid, represents that:
 - 1. Reading and understanding the Bidding Documents and the Bid is made in accordance therewith.
 - 2. Visiting the Project Site, becoming familiar with the local conditions under which the Work is to be performed, and correlating site observations with the requirements of the proposed Contract Documents.
 - 3. Bid is based upon the materials, systems and equipment required by the Bidding Documents, without exception.
- B. Owner assumes no responsibility for any misunderstanding or representation concerning the nature of the Work or the general and local conditions made by any of its officers, agents, or employees unless committed to writing in the Contract Documents or referred to in the Agreement.

1.4 Bidding Documents

- A. Copies:
 - 1. Bidders may obtain complete sets of the Bidding Documents from the website designated in the Invitation to Bid.
 - 2. Bidding Documents will not be issued directly to Sub-bidders or others unless specifically offered in the Invitation to Bid.
 - 3. Bidders shall use complete sets of Bidding Documents in preparing Bids. Neither the Owner nor the Design Professional assumes any responsibility for errors or misinterpretations resulting from the use of incomplete sets of Bidding Documents.
 - 4. Owner or Design Professional, in making copies of the Bidding Documents available on the above terms, does so only for the purpose of obtaining Bids on the Work and does not confer a license or grant for any other use.
 - 5. Title to all Bid Documents shall remain with the Owner.

*¹ Addendum No. 2, 06/09/16

B. Interpretation or Correction of Bidding Documents:

1. Bidders shall promptly notify the Design Professional of ambiguity, inconsistency or error which they may discover upon examination of the Bidding Documents or of the site and local conditions.
2. Bidders requiring clarification or interpretation of the Bidding Documents shall make a written request which shall reach the Design Professional at least seven (7) days prior to the date for receipt of Bids.
3. Any interpretation, correction or change of the Bidding Documents will be made by Addendum. Interpretations, corrections or changes of the Bidding Documents made in any other manner will not be binding, and Bidders shall not rely upon such interpretations, corrections and changes.

C. Substitutions:

1. Materials, products and equipment described in the Bidding Documents establish a standard of required function, dimension, appearance and quality to be met by any proposed substitution.
2. Requests for Substitutions shall meet the requirements of Division 01.
3. If substitutions are approved prior to receipt of Bids, such approval will be set forth in an Addendum. Bidders shall not rely upon approvals made in any other manner.

D. Addenda:

1. Addenda will be emailed to all persons or entities who are known to have received a complete set of Bidding Documents.
2. Copies of Addenda will be made available for inspection wherever Bidding Documents are on file for that purpose.
3. No Addenda will be issued later than four (4) days prior to the date for receipt of Bids except an Addendum withdrawing the request for Bids or one which includes postponement of the date for receipt of Bids.
4. Each Bidder shall ascertain prior to submitting his Bid that he has received all Addenda issued, and he shall acknowledge their receipt in his Bid.

1.5 Bidding Procedures

A. Form and Style of Bids:

1. Submit Bids on forms provided within this manual. See Bid Form: Section 004113.
2. Fill in blanks on the bid form by typewriter or manually in ink.

*¹ Addendum No. 2, 06/09/16

3. Where so indicated by the makeup of the bid form, express sums in both words and figures, and, in case of discrepancy between the two, the amount written in words shall govern.
4. Any interlineation, alteration or erasure must be initialed by the signer of the Bid.
5. All requested Alternates shall be bid. If no change in the Base Bid is required, enter "No Change."
6. Each copy of the Bid shall include the legal name of the Bidder and a statement that the Bidder is a sole proprietor, a partnership, a corporation, or some other legal entity. Each copy shall be signed by the person or persons legally authorized to bind the Bidder to a Contract. A Bid by a corporation shall further give the state of incorporation and have the corporate seal affixed. A Bid submitted by an agent shall have a current power-of-attorney attached certifying the agent's authority to bind the Bidder.
7. Bids shall not contain any conditions or qualifications whatsoever.

B. Bid Security:

1. Each Bid shall be accompanied by a bid security in an amount equal to five (5) percent of the Bid, pledging that the Bidder will enter into a Contract with the Owner on the terms stated in his Bid, and will furnish bonds as described herein covering the faithful performance of the Contract and the payment of all obligations arising thereunder. Should the Bidder refuse to enter into such Contract or fail to furnish such bonds if required, the amount of the Bid Security shall be forfeited to the Owner as liquidated damages, not as a penalty.
2. If a surety bond is required, it shall be written on AIA Document A310, Bid Bond, and the attorney-in-fact who executes the bond on behalf of the surety shall affix to the bond a certified and current copy of his power-of-attorney.
3. Owner will have the right to retain the Bid Security of Bidders to whom an award is being considered until either (a) the Contract has been executed and bonds, if required, furnished, or (b) the specified time has elapsed so that Bids may be withdrawn, or (c) all Bids have been rejected.

C. Submission of Bids:

1. All copies of the Bid, the Bid Security, if any, and other documents required to be submitted with the Bid shall be enclosed in a sealed opaque envelope. Address the envelope to the party receiving the Bids and identify it with the Project Name, the Bidder's Name and address and, if applicable, the designated portion of the Work for which the Bid is submitted. If the Bid is sent by mail, enclose the sealed envelope in a separate mailing envelope with the notation "SEALED BID ENCLOSED" on the face thereof.
2. Deposit Bids at the designated location prior to the time and date for receipt of Bids indicated in the Invitation to Bid, or any extension thereof made by Addendum. Bids received after the time and date for receipt of Bids will not be accepted.
3. Bidder shall assume full responsibility for timely delivery at the location designated for receipt of Bids.
4. Oral, telephonic, telegraphic or electronic Bids are invalid and will not receive consideration.

D. Modification or Withdrawal of Bid:

1. A Bid may not be modified, withdrawn or canceled by the Bidder after the time and date designated for the receipt of Bids, and each Bidder so agrees in submitting his Bid.
2. Prior to the time and date designated for receipt of Bids, any Bid submitted may be modified or withdrawn by notice to the party receiving Bids at the place designated for receipt of Bids. Such notice shall be in writing over the signature of the Bidder or by telegram. If by telegram, written confirmation over the signature of the Bidder shall be mailed and postmarked on or before the date and time set for receipt of Bids and so worded as not to reveal the amount of the original Bid.
3. Withdrawn Bids may be resubmitted up to the time designated for the receipt of Bids provided that they are then fully in conformance with these Instructions to Bidders.
4. Bid Security shall be in an amount sufficient for the Bid as modified or resubmitted.

1.6 Consideration Of Bids

A. Opening of Bids:

1. Properly identified Bids received on time will be opened publicly.

*¹ Addendum No. 2, 06/09/16

B. Rejection of Bids:

1. Owner has the right to reject any or all Bids and to reject a Bid not accompanied by any required bid security or by other data required by the Bidding Documents, or to reject a Bid which is in any way incomplete or irregular.

C. Acceptance of Bid (Award):

1. It is the intent of the Owner to award a Contract to the lowest responsible Bidder provided that the Bid has been submitted in accordance with the requirements of the Bidding Documents and does not exceed the funds available. Owner has the right to waive any informality or irregularity in any Bid or Bids received and to accept the Bid which, in his judgment, is in his own best interests.
2. Owner has the right to accept Alternates in any order or combination, unless otherwise expressly provided for, and to determine the low Bidder on the basis of the sum of the Base Bid and the Alternates accepted.

1.7 Post-Bid Information

A. Contractor's Qualification Statement:

1. Bidders to whom award of a Contract is under consideration shall submit, upon request, a properly executed Contractor's Qualification Statement unless such a Statement has been previously required and submitted as a prerequisite to the issuance of Bidding Documents.

B. Disadvantaged Business Enterprise (DBE) Program:

1. See DBE Program: Division 01.

C. Submittals:

1. See Division 01 for time allocations and information to be submitted after Award of Contract.

*¹ Addendum No. 2, 06/09/16

1.8 Bonds

A. Bond Requirements:

1. Prior to execution of the Contract, if required herein, the Bidder shall furnish bonds covering the faithful performance of the Contract and the payment of all obligations arising thereunder in such form and amount as Owner may prescribe. Bonds may be secured through the Bidder's usual sources. Unless stipulated otherwise, the cost of furnishing such bonds shall be included in the Bid.
2. If the Owner has reserved the right to require that bonds be furnished subsequent to the execution of the Contract, adjust the cost as provided in the Contract Documents.
3. If the Owner requires that bonds be obtained from other than the Bidder's usual source, any change in cost will be adjusted as provided in the Contract Documents.

B. Time of Delivery and Form of Bonds:

1. Bidder shall deliver the required bonds to the Owner not later than the date of execution of the Contract or, if the Work is to be commenced prior thereto, in response to a Letter of Intent. Bidder shall, prior to commencement of the Work, submit evidence satisfactory to the Owner that such bonds will be furnished.
2. See Bidding and Contract Requirements: Section 006000 for forms of bonds to be used.
3. Bidder shall require the attorney-in-fact who executes the required bonds on behalf of the surety to affix thereto a certified and current copy of his power-of-attorney.

1.9 Insurance Certificates

- A. Successful Bidder will not be permitted to start any Work under this Contract until he has submitted certificates covering all insurance required and has obtained approval in writing of these certificates from Owner.

Part 2 Products

Not used.

Part 3 Execution

Not used.

END

*¹ Addendum No. 2, 06/09/16



Section 004113

Bid Form – Stipulated Sum Single-Prime Contract

To: Owner: City Of Greenville

Name of Project: Greenville Transportation Activity Center

Location of Project: 600 South Pitt Street, Greenville, NC 27834

From: _____

Gentlemen:

A. In response to your invitation for Bids in Project Manual dated May 10, 2016, undersigned, having carefully examined Contract Documents, and having visited Project Site and examined all conditions affecting Work, proposes to do all of such Work, including furnishing of all necessary labor, machinery, equipment, materials, supplies, transportation, bonds and incidentals as required by Contract Documents for sum of:

- 1. \$ _____ (Price in Words).
- 2. \$ _____ (Figures).

B. Base proposal includes sum of \$ _____ for furnishing a Performance Bond, and a Labor and Material Payment Bond.

<u>Alternates:</u>	<u>Add</u>	<u>Deduct</u>
1. <u>Alternate No. 1:</u>	\$ _____	\$ _____
2. <u>Alternate No. 2:</u>	\$ _____	\$ _____
3. <u>Alternate No. 3:</u>	\$ _____	\$ _____
4. <u>Alternate No. 4:</u>	\$ _____	\$ _____
5. <u>Alternate No. 5:</u>	\$ _____	\$ _____
6. <u>Alternate No. 6:</u>	\$ _____	\$ _____

C. Contractor shall have included in Total Lump Sum Bid amount listed above all allowances as hereafter specified.

*¹ Addendum No. 2, 06/09/16

D. *¹ Unit Prices:

1. *¹ Unit Price No. 1 (Unsuitable soils) \$ _____ per _____

E. Length of time required to complete this Work is _____ calendar days in accordance with Construction Schedule included with Bidding Documents.

F. In accordance with Division 01, a complete detailed Construction Schedule containing all requested information will be submitted within 15 calendar days after Award of Contract.

G. Receipt of Addenda, Number _____ through _____ inclusive, is hereby acknowledged and value for Work therein is included in amount of this Bid.

(Name of Firm)

(Business Address)

(Signature of Responsible Official)

(Title)

(State of Incorporation)

(Names of Partners)

Notary Seal

In addition to the requirements for submissions as specified under Submittals: Division 01, Construction Manager shall submit to Design Professional (DP) for review, and to Owner for record, those items indicated by an "X". In the event of discrepancies between this Section and requirements in individual Specification Sections, the requirements of Specification Section shall govern.

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
004325	SUBSTITUTION REQUEST FORM (DURING PROCUREMENT): Procurement Substitution Request Architect's Action		X X
010460	CHASES, OPENINGS AND INSERTS: Information Drawings	X	
010490	COORDINATION DRAWINGS: Deviation Requests Coordination Drawings	X X	
012973	SCHEDULE OF VALUES: Schedule of Values	X	
012976	APPLICATION FOR PAYMENT: Application for Payment	X	
013100	PROJECT COORDINATION: List of Contractor's Staff List of Contractor's Consultants List of Subcontractors List of Principal Suppliers and Fabricators		X X X X

*¹ Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
013200	PROGRESS REPORTS: Quality Control Procedures		X
013216	CONSTRUCTION SCHEDULES: Construction Schedule Schedule of Submittals	X X	X X
013329	SUSTAINABILITY REQUIREMENTS: Sustainable Design Documentation Submittals Qualification Data Project Materials Cost Data Sustainable Design Action Plans Sustainable Design Progress Reports	X X X X	X X X X
014523	INSPECTION AND TESTING SERVICES: Quality Control Procedures Certifications		X X
014527	INSPECTION AND TESTING OF EARTHWORK: Quality Control Procedures Certifications		X X
014533	INSPECTION AND TESTING OF CAST- IN-PLACE CONCRETE: Quality Control Procedures Certifications		X X

*¹ Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
014535	INSPECTION AND TESTING OF MASONRY: Quality Control Procedures Certifications		X X
014537	INSPECTION AND TESTING OF ASPHALTIC CONCRETE: Samples Quality Control Procedures Certifications	X	X X
014551	INSPECTION AND TESTING OF STRUCTURAL STEEL: Quality Control Procedures Certifications		X X
014570	INSPECTION AND TESTING OF EXTERIOR ENCLOSURE: Qualifications Quality Control Procedures Certifications	X	X X
014571	INSPECTION AND TESTING OF ROOFING AND WATERPROOFING: Quality Control Procedures Certifications		X X
015200	CONSTRUCTION FACILITIES: Quality Control Procedures		X

*¹ Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
016000	MATERIAL AND EQUIPMENT: Certifications		X
016610	TESTING AND BALANCING OF MECHANICAL SYSTEMS: Quality Control Procedures Testing and Balancing (TAB) Reports Certifications		X X X
017123	FIELD ENGINEERING: Surveyor Data Certifications Record Documents	X	X X
017329	CUTTING AND PATCHING: Demolition Procedures and Operational Sequences Calculations	X X	
017400	WARRANTIES AND BONDS: Closeout Submittals		X
017419	CONSTRUCTION WASTE MANAGEMENT: Construction Waste Management Plan Construction Waste Documentation		X X
017700	PROJECT CLOSEOUT: Quality Control Procedures Certifications Closeout Submittals		X X X

*1 Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
017823	OPERATION AND MAINTENANCE DATA: Closeout Submittals		X
017839	PROJECT RECORD DOCUMENTS: Closeout Submittals		X
018120	CONSTRUCTION INDOOR AIR QUALITY (IAQ) MANAGEMENT: Quality Control Procedures		X
019113	GENERAL COMMISSIONING REQUIREMENTS: Two (2) Copies of all equipment and Component Submittals Manufacturers Product Data Coordination Drawings Manufacturer's Installation Instructions Manufacturer's Controls Calibration Instructions	X to CxA X to CxA X to CxA X to CxA X to CxA	
024116.13	BUILDING DEMOLITION: Quality Control Procedures		X
031000	CONCRETE FORMWORK: Shop Drawings Sustainability Submittals	X X	X
032000	CONCRETE REINFORCEMENT: Shop Drawings Product Data Certifications	X X	X

*¹ Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
	Sustainability Submittals	X	X
032500	CONCRETE ACCESSORIES:		
	Product Data	X	
	Certifications		X
	Sustainability Submittals	X	X
033000	CAST-IN-PLACE CONCRETE:		
	Product Data	X	
	Quality Control Procedures		X
	Sustainability Submittals	X	X
033543	POLISHED CONCRETE FINISHING:		
	Product Data	X	
	Sustainability Submittals	X	X
	Polishing Schedule	X	
	Samples for Initial Selection	X	
	Samples for Verification	X	
	Qualification Data		X
	Material Certificates		X
042000	UNIT MASONRY:		
	Shop Drawings	X	
	Product Data	X	
	Samples	X	
	Quality Control Procedures		X
	Certifications		X

*¹ Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
050513	FLUOROPOLYMER COATINGS:		
	Product Data	X	
	Samples	X	
	Qualifications	X	
	Quality Control Procedures		X
	Certifications		X
	Closeout Submittals		X
051200	STRUCTURAL STEEL FRAMING:		
	Shop Drawings	X	
	Product Data	X	
	Calculations	X	
	Quality Control Procedures		X
	Certifications		X
051213	ARCHITECTURALLY-EXPOSED STRUCTURAL STEEL FRAMING:		
	Shop Drawings	X	
	Product Data	X	
	Samples	X	
	Calculations	X	
	Quality Control Procedures		X
	Certifications		X
055000	METAL FABRICATIONS:		
	Shop Drawings	X	

*¹ Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
	Product Data	X	
	Calculations	X	
055213	Sustainability Submittals	X	X
	PIPE AND TUBE RAILINGS:		
	Product Data	X	
	Shop Drawings	X	
	Concrete Reinforcing	X	
	Samples	X	
	Delegated-Design Submittal	X	
	Qualification Data	X	
	Welding Certificates		X
	Paint Compatibility Certificates		X
	Product Test Reports		X
	Evaluation Reports		X
	Sustainability Submittals	X	X
061000	ROUGH CARPENTRY:		
	Product Data	X	
	Certifications		X
	Sustainability Submittals	X	X
061543	CROSS LAMINATED TIMBER PANELS:		
	Product Data	X	
	Shop Drawings	X	
	Fully Accurate Three-Dimensional (3D) Model	X	

*1 Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
	Structural Design Calculations	X	
	Samples	X	
	APA Product Report and Certified ANSI PRG 320 Certificate		X
	Local/Regional Materials	X	
	VOC Content	X	
	Sustainability Submittals	X	X
061600	SHEATHING:		
	Product Data	X	
	Sustainability Submittals	X	X
061800	GLUED-LAMINATED CONSTRUCTION:		
	Product Data	X	
	Sustainable Design Submittals	X	X
	Shop Drawings	X	
	Samples	X	
	Delegated-Design Submittal	X	
	Certificates of Conformance		X
	Material Certificates		X
	Research/Evaluation Reports		X
062000	FINISH CARPENTRY:		
	Shop Drawings	X	
	Samples	X	
	Sustainability Submittals	X	X

*¹ Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
064000	ACHITECTURAL WOODWORK: Shop Drawings Product Data Samples Qualifications Quality Control Procedures Sustainability Submittals	 X X X X X	 X X X
070050	EXTERIOR ENCLOSURE, GENERAL: Shop Drawings Product Data Calculations Quality Control Procedures Certifications	 X X X X	 X X
071352	MODIFIED BITUMINOUS SHEET WATERPROOFING: Shop Drawings Product Data Closeout Submittals Sustainability Submittals	 X X X	 X X
072100	THERMAL INSULATION: Product Data Sustainability Submittals	 X X	 X
072600	AIR/VAPOR BARRIERS: Shop Drawings	 X	

*1 Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
	Product Data	X	
	Qualifications	X	
	Quality Control Procedures		X
	Certifications		X
	Sustainability Submittals	X	X
074233	PHENOLIC WALL PANELS:		
	Shop Drawings	X	
	Product Data	X	
	Code Compliance	X	X
	Engineering Calculations	X	
	Selection Samples	X	
	Verification Samples	X	
	Operation and Maintenance Data		X
	Sustainability Submittals	X	X
075000	MEMBRANE ROOFING (SINGLE-PLY):		
	Shop Drawings	X	
	Product Data	X	
	Samples		
	Qualifications	X	
	Quality Control Procedures		X
	Certifications		X
	Closeout Submittals		X
	Sustainability Submittals	X	X

*¹ Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
076000	FLASHING AND SHEET METAL: Shop Drawings Product Data Samples Sustainability Submittals	X X X X	X
077200	ROOF ACCESSORIES: Shop Drawings Product Data Calculations Certifications Closeout Submittals Sustainability Submittals	X X X X	X X X
077210	FALL ARREST ROOF ANCHORS: Shop Drawings Product Data Calculations Qualifications Quality Control Procedures Certifications Sustainability Submittals Closeout Submittals	X X X X X	X X X X
078400	FIRESTOPPING: Shop Drawings Product Data	X X	

*1 Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
	Qualifications	X	
	Quality Control Procedures		X
	Certifications		X
	Closeout Submittals		X
	Sustainability Submittals	X	X
079200	JOINT SEALANTS:		
	Product Data	X	
	Samples	X	
	Quality Control Procedures		X
	Certifications		X
	Sustainability Submittals	X	X
081113	STANDARD HOLLOW METAL DOORS AND FRAMES:		
	Shop Drawings	X	
	Product Data	X	
	Qualifications	X	
	Sustainability Submittals	X	X
081400	WOOD DOORS:		
	Shop Drawings	X	
	Product Data	X	
	Samples	X	
	Qualifications	X	
	Certifications		X
	Closeout Submittals		X

*¹ Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
081500	Sustainability Submittals FIBERGLASS-REINFORCED PLASTIC DOORS:	X	X
083100	Shop Drawings Product Data Samples Sustainability Submittals ACCESS DOORS AND PANELS:	X X X X	X
084113	Product Data Closeout Submittals Sustainability Submittals ALUMINUM ENTRANCES AND STOREFRONTS:	X X X	X X
084413	Shop Drawings Product Data Samples Calculations Qualifications Sustainability Submittals Closeout Submittals GLAZED ALUMINUM CURTAINWALL:	X X X X	X X X
	Shop Drawings Product Data Samples Calculations	X X X X	

*1 Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
	Qualifications	X	
	Quality Control Procedures		X
	Certifications		X
	Sustainability Submittals	X	X
	Closeout Submittals		X
087100	DOOR HARDWARE:		
	Product Data	X	
	Door Hardware Schedule	X	
	Shop Drawings	X	
	Proof of Certification		X
	Keying Schedule		X
	Product Test Reports		X
	Operating and Maintenance Manuals		X
088000	GLAZING:		
	Product Data	X	
	Samples	X	
	Qualifications	X	
	Quality Control Procedures		X
	Certifications		X
	Sustainability Submittals	X	X
	Closeout Submittals		X

*¹ Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
088300	MIRRORS: Product Data Shop Drawings Samples Product Certificates Sustainability Submittals Closeout Submittals	X X X X 	 X X X
089100	LOUVERS: Shop Drawings Product Data Samples Calculations Certifications Sustainability Submittals Closeout Submittals	X X X X X 	 X X X
092116	GYPSUM BOARD ASSEMBLIES: Product Data Calculations Certifications Sustainability Submittals	X X X	 X X
093013	CERAMIC TILING: Product Data Submittal Layout Drawings	X X	

*1 Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
	Samples	X	
	Sustainability Submittals	X	X
	Closeout Submittals		X
095100	ACOUSTICAL CEILINGS:		
	Product Data	X	
	Samples	X	
	Sustainability Submittals	X	X
096519	RESILIENT TILE FLOORING:		
	Product Data	X	
	Samples	X	
	Certifications		X
	Sustainability Submittals	X	X
	Closeout Submittals		X
096543	LINOLEUM FLOORING:		
	Product Data	X	
	Sustainable Design Submittals	X	X
	Shop Drawings	X	
	Samples	X	
	Qualification Data		X
	Closeout Submittals		X
096813	TILE CARPETING:		
	Shop Drawings	X	
	Product Data	X	

*¹ Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
	Samples	X	
	Sustainability Submittals	X	X
	Closeout Submittals		X
099100	PAINTING:		
	Product Data	X	
	Samples	X	
	Qualifications	X	
099600	HIGH-PERFORMANCE COATINGS:		
	Product Data	X	
	Samples	X	
	Qualifications	X	
	Certifications		X
	Sustainability Submittals	X	X
101400	EXTERIOR SIGNS:		
	Shop Drawings	X	
	Samples	X	
	Closeout Submittals		X
101401	INTERIOR SIGNS:		
	Shop Drawings	X	
	Samples	X	
	Sustainability Submittals	X	X
	Closeout Submittals		X

*¹ Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
124813	ENTRANCE MATS AND FRAMES: Shop Drawings Samples Closeout Submittals Sustainability Submittals	 X X X	 X X
129300	SITE FURNISHING AND STRUCTURES: Manufacturer's Data & Shop Drawings Fabrication Data, Shop Drawings and/or Catalogue Cuts Color and Material Samples Recommended Maintenance Manual Shop Drawings for All Custom Site Furnishings and Structures Shop Drawing of Structural Details for Flagpole	 X X X X X	 X
142400	MACHINE ROOMLESS HOLESSE HYDRAULIC ELEVATORS: Product Data Shop Drawings Samples for Initial Selection Samples for Verification Qualification Data Manufacturer Certificates Sample Warranty Operation and Maintenance Data	 X X X X X X X X	 X X X

*1 Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
	Inspection and Acceptance Certificates and Operating Permits		X
	Continuing Maintenance Proposal		X
	Sustainability Submittals	X	X
210517	SLEEVES AND SLEEVE SEALS FOR FIRE-SUPPRESSION PIPING:		
	Action Submittals:		
	Product Data	X	
210518	ESCUTCHEONS FOR FIRE-SUPPRESSION PIPING:		
	Action Submittals:		
	Product Data	X	
210523	GENERAL-DUTY VALVES FOR WATER-BASED FIRE-SUPPRESSION PIPING:		
	Action Submittals:		
	Product Data	X	
211100	FACILITY FIRE-SUPPRESSION WATER-SERVICE PIPING:		
	Action Submittals:		
	Product Data	X	
	Informational Submittals:		
	Field Quality-Control Reports		X
211313	WET-PIPE SPRINKLER SYSTEMS:		
	Action Submittals:		
	Product Data	X	

*¹ Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
211316	Shop Drawings	X	
	Delegated-Design Submittal	X	
	Informational Submittals:		
	Qualification Data		X
	Approved Sprinkler Piping Drawings		X
	Welding Certificates		X
	Fire-Hydrant Flow Test Report		X
	Field Test Reports and Certificates		X
	Field Quality-Control Reports		X
	Closeout Submittals:		
	Operation and Maintenance Data		X
	Maintenance Material Submittals		X
	DRY-PIPE SPRINKLER SYSTEMS:		
	Action Submittals:		
	Product Data	X	
	Shop Drawings	X	
	Delegated-Design Submittal	X	
	Informational Submittals:		
	Qualification Data		X
	Approved Sprinkler Piping Drawings		X
	Fire-Hydrant Flow Test Report		X
	Field Test Reports and Certificates		X
	Field Quality-Control Reports		X

*1 Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
	Closeout Submittals: Operation and Maintenance Data		X
220517	Maintenance Material Submittals SLEEVES AND SLEEVE SEALS FOR PLUMBING PIPING:		X
220518	Action Submittals: Product Data	X	
220519	ESCUTCHEONS FOR PLUMBING PIPING: Action Submittals: Product Data	X	
220519	METERS AND GAGES FOR PLUMBING PIPING: Action Submittals: Product Data	X	
220523	Informational Submittals: Product Certificates Closeout Submittals: Operation and Maintenance Data		X
220523	GENERAL-DUTY VALVES FOR PLUMBING PIPING: Action Submittals: Product Data	X	

*¹ Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
220719	Field Quality-Control Reports		X
	PLUMBING PIPING INSULATION:		
	Action Submittals:		
	Product Data	X	
	LEED Submittals	X	X
	Shop Drawings	X	
220800	Informational Submittals:		
	Qualification Data		X
	Field Quality-Control Reports		X
	COMMISSIONING OF PLUMBING SYSTEMS:		
	General Construction Progress and Status Reports	X To CxA	
	Updated Architect, Owner, System Design Professional, and Contractor Deficiency Logs	X To CxA	
	Minutes from All Construction and Coordination Meetings Not Otherwise Conducted by the Commissioning Agent	X To CxA	
	Pre Start-Up and Start-Up Procedures	X To CxA	
	Value Engineering Proposals and a List of all Accepted VE Items	X To CxA	
	Pressure Test Reports, Flushing Reports and Start-Up Reports	X to CxA	
Construction Document Changes Resulting from Plumbing Requests for Information	X To CxA		

*¹ Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
221113	Hardware and Software Submittals	X To CxA	
	Control Panel Construction Shop Drawings	X To CxA	
	Narrative Description of Each Control Sequence for Each Piece of Equipment Controlled	X To CxA	
	Diagrams Showing All Control Points, Sensor Locations, Point Names, Actuators, Controllers and, Where Necessary, Points of Access, Superimposed On Diagrams of the Physical Equipment	X To CxA	
	Logic Diagrams Showing the Logic Flow of the System	X To CxA	
	List of All Control Points	X To CxA	
	Complete Control Language Program Listing and a Program Write-Up	X To CxA	
	Application Software and Project Applications Code Manuals	X To CxA	
	Operations and Maintenance Staff Comments on the BAS Graphics Submittal	X To CxA	
	FACILITY WATER DISTRIBUTION PIPING:		
	Action Submittals:		
	Product Data	X	
	Shop Drawings	X	
Informational Submittals:			
Coordination Drawings		X	

*1 Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
221116	Field Quality-Control Reports		X
	Closeout Submittals:		
	Operation and Maintenance Data		X
	DOMESTIC WATER PIPING:		
	Action Submittals:		
	Product Data	X	
	LEED Submittals	X	X
221119	System Purging And Disinfecting Activities Report		X
	Field Quality-Control Reports		X
	DOMESTIC WATER PIPING SPECIALTIES:		
	Action Submittals:		
	Product Data	X	
	Shop Drawings	X	
	Informational Submittals:		
221123	Field Quality-Control Reports		X
	Closeout Submittals:		
	Operation and Maintenance Data		X
	DOMESTIC WATER PUMPS:		
	Action Submittals:		
	Product Data	X	
	LEED Submittals	X	X
	Closeout Submittals:		
	Operation and Maintenance Data		X

*¹ Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
221313	FACILITY SANITARY SEWERS:		
	Action Submittals:		
	Product Data	X	
	Shop Drawings	X	
	Informational Submittals:		
	Coordination Drawings		X
221316	SANITARY WASTE AND VENT PIPING:		
	Action Submittals:		
	Product Data	X	
	Informational Submittals:		
	Field Quality-Control Reports		X
221319	SANITARY WASTE PIPING SPECIALTIES:		
	Action Submittals:		
	Product Data	X	
	Shop Drawings	X	
	Informational Submittals:		
	Field Quality-Control Reports		X
	Closeout Submittals:		
Operation and Maintenance Data		X	

*¹ Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
221319.13	SANITARY DRAINS: Action Submittals: Product Data	X	
221413	FACILITY STORM DRAINAGE PIPING: Action Submittals: Product Data LEED Submittals Shop Drawings	X X X	X
221423	STORM DRAINAGE PIPING SPECIALTIES: Action Submittals: Product Data	X	
221429	SUMP PUMPS: Action Submittals: Product Data Wiring Diagrams Closeout Submittals: Operation and Maintenance Data	X X	X
223300	ELECTRIC, DOMESTIC-WATER HEATERS: Action Submittals: Product Data LEED Submittals Shop Drawings	X X X	X

*¹ Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
224213.13	Informational Submittals:		
	Product Certificates		X
	Source Quality-Control Reports		X
	Field Quality-Control Reports		X
	Warranty		X
	Closeout Submittals:		
	Operation and Maintenance Data		X
	COMMERCIAL WATER CLOSETS:		
	Action Submittals:		
	Product Data	X	
LEED Submittals	X	X	
Shop Drawings	X		
224213.16	Closeout Submittals:		
	Operation and Maintenance Data		X
	Maintenance Material Submittals		X
	COMMERCIAL URINALS:		
	Action Submittals:		
	Product Data	X	
	LEED Submittals	X	X
	Shop Drawings	X	
	Closeout Submittals:		
	Operation and Maintenance Data		X
Maintenance Material Submittals		X	

*1 Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
224216.13	COMMERCIAL LAVATORIES:		
	Action Submittals:		
	Product Data	X	
	LEED Submittals	X	X
	Shop Drawings	X	
	Informational Submittals:		
	Coordination Drawings		X
	Closeout Submittals:		
	Operation and Maintenance Data		X
	Maintenance Material Submittals		X
224216.16	COMMERCIAL SINKS:		
	Action Submittals:		
	Product Data	X	
	LEED Submittals	X	X
	Informational Submittals:		
	Coordination Drawings		X
	Closeout Submittals:		
	Maintenance Data		X
Maintenance Material Submittals		X	
224713	DRINKING FOUNTAINS:		
	Action Submittals:		
	Product Data	X	
LEED Submittals	X	X	

*¹ Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
224723	Closeout Submittals: Maintenance Data		X
	REMOTE WATER COOLERS:		
	Action Submittals: Product Data	X	
	LEED Submittals	X	X
	Shop Drawings	X	
230517	Closeout Submittals: Maintenance Data		X
	Maintenance Material Submittals		X
	SLEEVES AND SLEEVE SEALS FOR HVAC PIPING:		
230518	Action Submittals: Product Data	X	
	ESCUTCHEONS FOR HVAC PIPING:		
230523	Action Submittals: Product Data	X	
	GENERAL-DUTY VALVES FOR HVAC PIPING:		
	Action Submittals: Product Data	X	
230529	HANGERS AND SUPPORTS FOR HVAC PIPING AND EQUIPMENT:		
	Action Submittals: Product Data	X	

*1 Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
	Shop Drawings	X	
	Informational Submittals:		
	Welding Certificates		X
230553	IDENTIFICATION FOR HVAC PIPING AND EQUIPMENT:		
	Action Submittals:		
	Product Data	X	
	Samples	x	
	Equipment Label Schedule	X	
	Valve Numbering Scheme	X	
	Valve Schedules	X	
230593	TESTING, ADJUSTING, AND BALANCING FOR HVAC:		
	Action Submittals:		
	LEED Submittals	X	X
	Informational Submittals:		
	Qualification Data		X
	Contract Documents Examination Report		X
	System Readiness Checklists		X
	Examination Report		X
	Certified TAB Reports		X
	Sample Report Forms		X
	Instrument Calibration Reports		X

*¹ Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
230713	<p>DUCT INSULATION:</p> <p>Action Submittals:</p> <p>Product Data</p> <p>LEED Submittals</p> <p>Shop Drawings</p> <p>Informational Submittals:</p> <p>Qualification Data</p> <p>Field Quality-Control Reports</p>	<p>X</p> <p>X</p> <p>X</p> <p></p> <p></p> <p></p>	<p></p> <p>X</p> <p></p> <p></p> <p>X</p> <p>X</p>
230800	<p>COMMISSIONING OF MECHANICAL SYSTEMS:</p> <p>General Construction Progress and Status Reports</p> <p>Updated Architect, Owner, System Design Professional, and Contractor Deficiency Logs</p> <p>Minutes from All Construction and Coordination Meetings Not Otherwise Conducted by the Commissioning Agent</p> <p>Pre Start-Up and Start-Up Procedures</p> <p>Value Engineering Proposals and a List of all Accepted VE Items</p> <p>Pressure Test Reports, Flushing Reports and Start-Up Reports</p> <p>Construction Document Changes Resulting from Mechanical Requests for Information</p> <p>Hardware and Software Submittals</p>	<p>X To CxA</p> <p>X To CxA</p> <p>X To CxA</p> <p>X To CxA</p> <p>X To CxA</p> <p>X to CxA</p> <p>X To CxA</p> <p>X To CxA</p>	<p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p>

*1 Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
230900	Control Panel Construction Shop Drawings	X To CxA	
	Narrative Description of Each Control Sequence for Each Piece of Equipment Controlled	X To CxA	
	Diagrams Showing All Control Points, Sensor Locations, Point Names, Actuators, Controllers and, Where Necessary, Points of Access, Superimposed On Diagrams of the Physical Equipment	X To CxA	
	Logic Diagrams Showing the Logic Flow of the System	X To CxA	
	List of All Control Points	X To CxA	
	Complete Control Language Program Listing and a Program Write-Up	X To CxA	
	Hardware Operation and Maintenance Manuals	X To CxA	
	Application Software and Project Applications Code Manuals	X To CxA	
	Operations and Maintenance Staff Comments on the BAS Graphics Submittal	X To CxA	
	INSTRUMENTATION AND CONTROL FOR HVAC:		
	Action Submittals:		
	Product Data	X	
	Shop Drawings	X	
Samples for Initial Selection	X		
Samples for Verification	X		

*¹ Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
250800	Informational Submittals:		
	Data Communications Protocol Certificates (ASHRAE 135)		X
	Data Communications Protocol Certificates (LonWorks)		X
	Qualification Data	X	
	Software Upgrade Kit		X
	Field Quality-Control Test Reports		X
	Closeout Submittals:		
	Operation and Maintenance Data		X
	Software and Firmware Operational Documentation		X
	COMMISSIONING OF INTEGRATED AUTOMATION SYSTEMS:		
	General Construction Progress and Status Reports	X To CxA	
	Updated Architect, Owner, System Design Professional, and Contractor Deficiency Logs	X To CxA	
	Minutes from All Construction and Coordination Meetings Not Otherwise Conducted by the Commissioning Agent	X To CxA	
	Pre Start-Up and Start-Up Procedures	X To CxA	
	Value Engineering Proposals and a List of all Accepted VE Items	X To CxA	
Pressure Test Reports, Flushing Reports and Start-Up Reports	X to CxA		
Construction Document Changes Resulting from Mechanical Requests for Information	X To CxA		

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SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
232300	Hardware and Software Submittals	X To CxA	
	Control Panel Construction Shop Drawings	X To CxA	
	Narrative Description of Each Control Sequence for Each Piece of Equipment Controlled	X To CxA	
	Diagrams Showing All Control Points, Sensor Locations, Point Names, Actuators, Controllers and, Where Necessary, Points of Access, Superimposed On Diagrams of the Physical Equipment	X To CxA	
	Logic Diagrams Showing the Logic Flow of the System	X To CxA	
	List of All Control Points	X To CxA	
	Complete Control Language Program Listing and a Program Write-Up	X To CxA	
	Application Software and Project Applications Code Manuals	X To CxA	
	Operations and Maintenance Staff Comments on the BAS Graphics Submittal	X To CxA	
	REFRIGERANT PIPING:		
	Action Submittals:		
	Product Data	X	
	Shop Drawings	X	
	Closeout Submittals:		
Operation and Maintenance Data		X	

*¹ Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
	Field Quality-Control Reports		X
	Closeout Submittals:		
	Operation and Maintenance Data		X
233713	DIFFUSERS, REGISTERS, AND GRILLES:		
	Action Submittals:		
	Product Data	X	
234100	PARTICULATE AIR FILTRATION:		
	Action Submittals:		
	Product Data	X	
	LEED Submittals	X	X
	Shop Drawings	X	
	Informational Submittals:		
	Field Quality-Control Reports		X
	Closeout Submittals:		
	Operation and Maintenance Data		X
	Maintenance Material Submittals		X
236200	PACKAGED COMPRESSOR AND CONDENSER UNITS:		
	Action Submittals:		
	Product Data	X	
	LEED Submittals	X	X
	Shop Drawings	X	
	Informational Submittals:		
	Coordination Drawings		X

*¹ Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD	
236313	Field Quality-Control Reports		X	
	Warranty		X	
	Closeout Submittals:			
	Operation and Maintenance Data		X	
	AIR-COOLED REFRIGERANT CONDENSERS:			
	Action Submittals:			
	Product Data	X		
	LEED Submittals	X	X	
	Shop Drawings	X		
	Delegated-Design Submittal	X		
	Informational Submittals:			
	Coordination Drawings		X	
	Field Quality-Control Reports		X	
	Closeout Submittals:			
	Operation and Maintenance Data		X	
	237433	DEDICATED OUTDOOR-AIR UNITS:		
		Action Submittals:		
Product Data		X		
LEED Submittals		X	X	
Shop Drawings		X		
Informational Submittals:				
Coordination Drawings			X	
Startup Service Reports			X	

*¹ Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
238219	Sample Warranty		X
	Closeout Submittals:		
	Operation and Maintenance Data		X
	Maintenance Material Submittals		X
	FAN COIL UNITS:		
	Action Submittals:		
	Product Data	X	
	LEED Submittals	X	X
	Shop Drawings	X	
	Warranty		X
238239	Closeout Submittals:		
	Operation and Maintenance Data		X
	Maintenance Material Submittals		X
	UNIT HEATERS:		
	Action Submittals:		
	Product Data	X	
	LEED Submittals	X	X
	Shop Drawings	X	
	Closeout Submittals:		
	Operation and Maintenance Data		X
260519	LOW-VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES:		
	Action Submittals: Product Data	 X	

*¹ Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
	Sustainable Design Submittals	X	X
	Product Schedule	X	
	Informational Submittals:		
	Qualification Data	X	
	Field Quality-Control Reports		X
260526	GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS:		
	Action Submittals:		
	Product Data	X	
	Sustainable Design Submittals	X	X
	Informational Submittals:		
	Coordination Drawings		X
	Qualification Data	X	
	Field Quality-Control Reports		X
	Closeout Submittals:		
	Operation and Maintenance Data		X
260529	HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS:		
	Action Submittals:		
	Product Data	X	
	Shop Drawings	X	
	Delegated-Design Submittal	X	
	Informational Submittals:		
	Coordination Drawings		X
	Welding Certificates		X

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SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
260574	Product Certificates		X
	Closeout Submittals:		
	Operation and Maintenance Data		X
	OVERCURRENT PROTECTIVE DEVICE ARC-FLASH STUDY:		
	Action Submittals:		
	Product Data	X	
	Arc-Flash Study Input Data	X	
	Arc-Flash Study Report	X	
	Informational Submittals:		
	Qualification Data	X	
260800	Product Certificates		X
	Closeout Submittals:		
	Operation and Maintenance Data		X
	COMMISSIONING OF ELECTRICAL SYSTEMS:		
	General Construction Progress and Status Reports	X To CxA	
	Updated Architect, Owner, System Design Professional, and Contractor Deficiency Logs	X To CxA	
	Minutes from All Construction and Coordination Meetings Not Otherwise Conducted by the Commissioning Agent	X To CxA	
	Pre Start-Up and Start-Up Procedures	X To CxA	
Value Engineering Proposals and a List of all Accepted VE Items	X To CxA		

*¹ Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
	Coordination Studies, Manufacture Inspection Reports, Authority Having Jurisdiction Inspection Reports, etc.	X To CxA	
260913	Construction Document Changes Resulting from Electrical Requests for Information	X To CxA	
	ELECTRICAL POWER MONITORING AND CONTROL:		
	Product Data	X	
260923	Drawings, Documentation, Operation and Maintenance (O&M) Manuals		X
	LIGHTING CONTROL DEVICES:		
	Action Submittals:		
	Product Data	X	
	Shop Drawings	X	
	Informational Submittals:		
	Field Quality-Control Reports		X
	Closeout Submittals:		
260936	Operation and Maintenance Data		X
	MODULAR DIMMING CONTROLS:		
	Action Submittals:		
	Product Data	X	
262416	Samples for Verification	X	
	PANELBOARDS:		
	Action Submittals:		
	Product Data	X	
	Shop Drawings	X	

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SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
262713	Informational Submittals:		
	Qualification Data	X	
	Panelboard Schedules	X	
	Closeout Submittals:		
	Operation and Maintenance Data		X
	Maintenance Material Submittals		X
	ELECTRICITY METERING:		
	Action Submittals:		
	Product Data	X	
	Shop Drawings	X	
	Informational Submittals:		
	Coordination Drawings	X	
	Qualification Data	X	
	Field Quality-Control Reports		X
262726	Sample Warranty		X
	Closeout Submittals:		
	Operation and Maintenance Data		X
	WIRING DEVICES:		
	Action Submittals:		
	Product Data	X	
	Shop Drawings	X	
	Samples	X	
	Informational Submittals:		
	Field Quality-Control Reports		X

*¹ Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
262813	Closeout Submittals: Operation and Maintenance Data FUSES: Action Submittals: Product Data Closeout Submittals: Operation and Maintenance Data		X X
262816	ENCLOSED SWITCHES AND CIRCUIT BREAKERS: Action Submittals: Product Data Shop Drawings Informational Submittals: Qualification Data Field Quality-Control Reports Manufacturer's Field Service Report Closeout Submittals: Operation and Maintenance Data Maintenance Material Submittals	X X X	X X X
265119	LED INTERIOR LIGHTING: Action Submittals: Product Data Shop Drawings	X X	

*1 Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
265219	LEED Submittals	X	X
	Samples	X	
	Product Schedule	X	
	Informational Submittals:		
	Coordination Drawings	X	
	Qualification Data	X	
	Detailed Description of Equipment Anchorage Devices	X	
	Product Certificates		X
	Product Test Reports		X
	Sample Warranty		X
	Closeout Submittals:		
	Operation and Maintenance Data		X
	EMERGENCY AND EXIT LIGHTING:		
	Action Submittals:		
	Product Data	X	
	Shop Drawings	X	
	Sustainable Design Submittals	X	X
	Samples	X	
	Product Schedule	X	
	Informational Submittals:		
	Coordination Drawings	X	
Qualification Data	X		
Product Certificates			

*¹ Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
265613	Product Test Reports		
	Sample Warranty		
	Closeout Submittals:		
	Operation and Maintenance Data		X
	LIGHTING POLES AND STANDARDS:		
	Action Submittals:		
	Product Data	X	
	LEED Submittals	X	X
	Shop Drawings		
	Informational Submittals:		
	Pole and Support Component Certificates		X
	Material Test Reports		X
	Source Quality-Control Reports		X
	Field Quality-Control Reports		X
	265619	Sample Warranty	
Soil Test Reports			X
Closeout Submittals:			
Operation and Maintenance Data			X
Maintenance Material Submittals			X
	EXTERIOR LIGHTING:		
	Action Submittals:		
	Product Data	X	
	LEED Submittals	X	X

*¹ Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
	Samples	X	
	Product Schedule	X	
	Delegated-Design Submittal for Luminaire Supports	X	
	Informational Submittals:		
	Coordination Drawings	X	
	Qualification Data	X	
	Product Certificates		X
	Product Test Reports		X
	Source Quality-Control Reports		X
	Sample Warranty		X
	Closeout Submittals:		
	Operation and Maintenance Data		X
	Maintenance Material Submittals		X
270000	COMMUNICATIONS:		
	Product Data	X	
270526	GROUNDING AND BONDING FOR COMMUNICATIONS SYSTEMS:		
	Product Data	X	
	Ground Terminal Block Schedule	X	
	Test Results		X
	Project Record Documents		X
270529	HANGERS AND SUPPORTS FOR COMMUNICATIONS SYSTEMS:		
	Product Data	X	

*¹ Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
	Manufacturer's Installation Instructions	X	
	Manufacturer's Certificate		X
	Engineering Judgments		X
	Project Record Documents		X
270533	CONDUITS AND BACKBOXES FOR COMMUNICATIONS SYSTEMS:		
	Product Data	X	
	Manufacturer's Installation Instructions	X	
	Project Record Documents		X
270536	CABLE TRAY FOR COMMUNICATIONS SYSTEMS:		
	Shop Drawings	X	
	Product Data	X	
	Manufacturer's Installation Instructions	X	
	Project Record Documents		X
270553	IDENTIFICATION FOR COMMUNICATIONS SYSTEMS:		
	Within 30 Days After Award of Contract:		
	Communications Identification Plan	X	
	Samples of Label Materials, Finished Labels and Nameplates	X	
	Project Record Documents		X
270800	COMMISSIONING OF COMMUNICATIONS:		
	Calibration Certification of Test Equipment		X
	Product Data	X	

*1 Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
	Calibration Certificates for Review Prior to the Start of Testing		X
	Test Documentation in Specifications		X
271116	COMMUNICATIONS CABINETS, RACKS, FRAMES AND ENCLOSURES:		
	Within 30 Days After Award of Contract:		
	Communications Room Material Lists	X	
	Single-Line Shop Drawings	X	
	Closeout Submittals		X
271119	COMMUNICATIONS TERMINATION BLOCKS AND PATCH PANELS:		
	Product Data	X	
	As-Built Records		X
271519	DATA COMMUNICATIONS HORIZONTAL CABLING:		
	Shop Drawings	X	
	Product Data	X	
	Manufacturer's Installation Instructions	X	
	Project Record Documents		X
271543	COMMUNICATIONS FACEPLATES AND CONNECTORS:		
	Product Data	X	
275116	PUBLIC ADDRESS SYSTEMS:		
	Product Data	X	
	Manufacturer's Installation Instructions	X	
	Test Reports		X

*¹ Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD	
280513	Manufacturer's Certificate		X	
	Manufacturer's Field Reports		X	
	Manufacturer's Statement of Warranty		X	
	Project Record Documents		X	
	Operation and Maintenance Data		X	
	CONDUCTORS AND CABLES FOR ELECTRONIC SAFETY AND SECURITY:			
	Action Submittals:			
	Product Data	X		
	Shop Drawings	X		
	Informational Submittals:			
	Qualification Data	X		
	Source Quality-Control Reports		X	
	Field Quality-Control Reports		X	
	281300	ACCESS CONTROL:		
		Product Data	X	
282300	VIDEO SURVEILLANCE:			
	Action Submittals:			
	Product Data	X		
	Equipment List	X		
	Informational Submittals:			
	Field Quality-Control Reports		X	
	Warranty		X	

*¹ Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
321313	MSDS (Material Safety Data Sheets) for All Chemicals Used on Ground CONCRETE FOR EXTERIOR IMPROVEMENTS:		X
	Manufacturers' Certificates and Data		X
	Data and Test Reports		X
321416	BRICK PAVERS, MORTAR BED:		
	Shop Drawings	X	
	Samples	X	
321723	PAVEMENT MARKINGS:		
	Manufacturer's Certificates and Data		X
329000	PLANTING:		
	Product Data	X	
	Samples and Manufacturer's Literature	X	
	Qualification Data	X	
	Notarized Certificates	X	X
	Material Test Reports		X
	Maintenance Instructions		X
331000	WATER UTILITIES:		
	Manufacturers' Literature and Data	X	
	Testing Certifications		X
333000	SANITARY SEWERAGE UTILITIES:		
	Manufacturers' Literature and Data	X	

*¹ Addendum No. 2, 06/09/16

SPEC. SECTION NO.	SPEC. SECTION TITLE/ DESCRIPTION OF SUBMITTAL	SUBMIT TO DP FOR REVIEW	SUBMIT TO OWNER FOR RECORD
334000	STORM SEWER UTILITIES: Manufacturers' Literature and Data	X	

END

Part 1 General

1.1 Summary (Non-inclusive)

- A. Section Includes: Linoleum sheet flooring.

1.2 Related Work Specified Elsewhere (Non-inclusive)

- A. Applicable Sections: Division 01.
- B. Resilient Tile Flooring: Division 09.

1.3 Submittals

- A. Submit per the requirements of Division 01.
- B. Product Data: For each type of product.
- C. Sustainable Design Submittals:
 - 1. Adhesives shall have a VOC content of 50 g/L or less.
 - 2. Product Data: For adhesives, indicating VOC content.
 - 3. Laboratory Test Reports: For adhesives, indicating compliance with requirements for low-emitting materials.
 - 4. Flooring products shall comply with the requirements of the California Department of Public Health's "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers."
- D. Shop Drawings: For each type of linoleum flooring. Include flooring layouts, locations of seams, edges, columns, doorways, enclosing partitions, built-in furniture, cabinets, and cutouts.
 - 1. Show details of special patterns.
- E. Samples: For each exposed product and for each color and pattern specified in manufacturer's standard size, but not less than 6-by-9-inch sections.
- F. Qualification Data: For Installer.

*¹ Addendum No. 2, 06/09/16

G. Closeout Submittals:

1. Maintenance Data: For each type of linoleum flooring to include in maintenance manuals.

1.4 Quality Assurance

- A. Installer Qualifications: A qualified installer who employs workers for this Project who are competent in techniques required by manufacturer for flooring installation.

1. Engage an installer who employs workers for this Project who are trained or certified by flooring manufacturer for installation techniques required.

1.5 Delivery, Storage, And Handling

- A. Store flooring and installation materials in dry spaces protected from the weather, with ambient temperatures maintained within range recommended by manufacturer, but not less than 65 deg F or more than 90 deg F.

1. Floor Tile: Store on flat surfaces.
2. Sheet Flooring: Store rolls upright.

1.6 Field Conditions

- A. Maintain ambient temperatures within range recommended by manufacturer, but not less than 70 deg F or more than 95 deg F, in spaces to receive flooring during the following time periods:

1. 72 hours before installation.
2. During installation.
3. 72 hours after installation.

- B. After installation and until Substantial Completion, maintain ambient temperatures within range recommended by manufacturer, but not less than 55 deg F or more than 95 deg F.

- C. Close spaces to traffic during flooring installation.

- D. Close spaces to traffic for 72 hours after flooring installation.

- E. Install flooring after other finishing operations, including painting, have been completed.

*¹ Addendum No. 2, 06/09/16

Part 2 Products

2.1 Performance Requirements

- A. Flooring products shall comply with the requirements of the California Department of Public Health's "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers."
 - 1. "Laboratory Test Reports" Subparagraph below applies to LEED 2009 for Schools, LEED v4, IgCC, ASHRAE 189.1, and Green Globes.
 - 2. Laboratory Test Reports: For flooring products, indicating compliance with requirements for low-emitting materials.

2.2 Linoleum Sheet Flooring

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - 1. *¹ Basis of design: MCS, 3139 Lava, as manufactured by Forbo Industries, Inc. or Harmonium XF2 as manufactured by Tarkett or approved equal.
- B. Linoleum Sheet Flooring: ASTM F 2034, Type I, linoleum sheet with backing.
 - 1. Roll Size: In manufacturer's standard length but not less than 79 inches wide.
- C. Thickness: 0.080 inch.
- D. Heat-Welding Bead: For seamless installation, solid-strand product of linoleum flooring manufacturer.

2.3 Installation Materials

- A. Trowelable Leveling and Patching Compounds: Latex-modified, portland cement based or blended hydraulic-cement-based formulation provided or approved by linoleum flooring manufacturer for applications indicated.
- B. Adhesives: Water-resistant type recommended by flooring and adhesive manufacturers to suit products and substrate conditions indicated.
 - 1. Adhesives shall have a VOC content of 50g/L or less.
 - 2. Product Data: For adhesives, indicating VOC content.
 - 3. Laboratory Test Reports: For adhesives, indicating compliance with requirements for low-emitting materials.
 - 4. Adhesive shall comply with the testing and product requirements of the California Department of Public Health's "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers."

*¹ Addendum No. 2, 06/09/16

- C. Floor Polish: Provide protective, liquid floor-polish products recommended by linoleum flooring manufacturer.

Part 3 Execution

3.1 Examination

- A. Examine substrates, with Installer present, for compliance with requirements for maximum moisture content and other conditions affecting performance of the Work.
 - 1. Verify that finishes of substrates comply with tolerances and other requirements specified in other Sections and that substrates are free of cracks, ridges, depressions, scale, and foreign deposits that might interfere with adhesion of flooring.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 Preparation

- A. Prepare substrates according to linoleum flooring manufacturer's written instructions to ensure adhesion of flooring.
- B. Fill cracks, holes, and depressions in substrates with trowelable leveling and patching compound; remove bumps and ridges to produce a uniform and smooth substrate.
- C. Do not install flooring until it is the same temperature as space where it is to be installed.
 - 1. At least 72 hours in advance of installation, move flooring and installation materials into spaces where they will be installed.
- D. Immediately before installation, sweep and vacuum clean substrates to be covered by flooring.

3.3 Installation, General

- A. Comply with manufacturer's written instructions for installing flooring.
- B. Scribe and cut flooring to butt neatly and tightly to vertical surfaces, permanent fixtures, and built-in furniture including cabinets, pipes, outlets, edgings, thresholds, and nosings.
- C. Extend flooring into toe spaces, door reveals, closets, and similar openings.
- D. Maintain reference markers, holes, and openings that are in place or marked for future cutting by repeating on flooring as marked on substrates. Use chalk or other nonpermanent marking device.
- E. Adhere flooring to substrates using a full spread of adhesive applied to substrate to produce a completed installation without open cracks, voids, raising and puckering at joints, telegraphing of adhesive spreader marks, and other surface imperfections.

*¹ Addendum No. 2, 06/09/16

- F. Heat-Welded Seams: For seamless installation, comply with ASTM F 1516. Rout joints and heat weld with welding bead to permanently fuse sections into a seamless flooring. Prepare, weld, and finish seams to produce surfaces flush with adjoining flooring surfaces.

3.4 Linoleum Sheet Flooring Installation

- A. Unroll linoleum sheet flooring and allow it to stabilize before cutting and fitting.
- B. Lay out linoleum sheet flooring as follows:
 - 1. Maintain uniformity of flooring direction.
 - 2. Minimize number of seams; place seams in inconspicuous and low-traffic areas, at least 6 inches away from parallel joints in flooring substrates.
 - 3. Match edges of flooring for color shading at seams.
 - 4. Avoid cross seams.
 - 5. Eliminate deformations that result from hanging method used during drying process (stove bar marks).

3.5 Cleaning And Protection

- A. Comply with manufacturer's written instructions for cleaning and protecting linoleum flooring.
- B. Perform the following operations immediately after completing linoleum flooring installation:
 - 1. Remove adhesive and other blemishes from exposed surfaces.
 - 2. Sweep and vacuum surfaces thoroughly.
 - 3. Damp-mop surfaces to remove marks and soil.
- C. Protect linoleum flooring from mars, marks, indentations, and other damage from construction operations and placement of equipment and fixtures during remainder of construction period.
- D. Floor Polish: Remove soil, visible adhesive, and surface blemishes from linoleum flooring before applying liquid floor polish.

END

*¹ Addendum No. 2, 06/09/16

Part 1 General

1.1 Summary (Non-inclusive)

- A. Section Includes: Chemical termite treatment on Project.

1.2 Related Work Specified Elsewhere (Non-inclusive)

- A. Applicable Sections: Division 01.

1.3 Submittals

- A. Submit per the requirements of Division 01.
- B. Product Data: For all products specified.
- C. Closeout Submittals: Special Warranty, as indicated.

1.4 Quality Assurance

- A. Termite treatment shall be applied by an experienced, licensed exterminating company regularly engaged in exterminating business.

1.5 Special Warranty

- A. Warrant termite treatment for five (5) years from Date of Application, and repair or replace damage during Warranty Period caused by termites at no additional cost.

Part 2 Products

2.1 Approved Chemicals

- A. Use one of the following at the concentration shown:
 - 1. Dieldrin: 0.5 percent concentration.
 - 2. Lindane: 0.8 percent concentration.
 - 3. Aldrin: 0.5 percent concentration.
 - 4. Heptachlor: 0.5 percent concentration.
- B. Use only chemicals acceptable to and approved by authority having jurisdiction.

Part 3 Execution

3.1 Preparation

- A. Provide warning signs displayed at approximately 50 foot intervals around perimeter of treated areas describing the materials used and their danger to personnel. Remove signs when treated areas have been covered with permanent materials.

3.2 Application

- A. After compaction, treat earth base, to be covered by foundations and interior concrete slabs, with one (1) of chemicals specified herein. Apply chemicals in water emulsion only.
- B. Apply not less than 1 gallon per 10 square feet as overall treatment with an additional 2 gallons per 5 linear feet of critical areas, such as along exterior foundation walls, entrances, and similar locations that may be determined as likely points of entry by termites. Use a flow meter attached to applicator to measure rate of application.

END