FORTE & TABLADA

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PROJECT: H.013898 HEAVY LOAD MULTIMODAL 100,000 S.F. WAREHOUSE

ADDENDUM NO.: Five (5)

DATE: July 25, 2019

The following items shall be considered part of the Contract Documents and shall be included in same when Construction Contract is executed. Changes made by Addenda shall take precedence over original Documents.

This addendum consists of a total of eight (8) pages; four (4) addendum pages and four (4) attached pages.

1.0 QUESTIONS AND CLARIFICATIONS

1.1 During the mandatory Prebid meeting last week it was stated the project was state tax exempt only, however the special provisions (SP2) states, "Contractor is not required to pay any **state** or **local** sales or state or local use taxes on materials and equipment which are affixed and made a part of the real estate of the project or work."

The information in the Special Provisions on Sales and Use Tax applicability is correct. Information given during the Pre-Bid Meeting was incorrect.

1.2 As an MBE firm planning to bid as a subcontractor wishes to purchase the structural steel for the building and subcontract with a non-minority to conduct the erection. Will the work done by the subcontractor count toward the overall MBE participation ?

Per the Port's Ordinance, if the supplier of the steel is by definition an M/WBE "manufacturer" and supplies the structural steel then full credit can be expected.

If the steel is purchased from an M/WBE "regular dealer" from stock then "60%" can be credited.

If the supplier of the steel is not an M/WBE then the contracting agency can only take credit for the fees or commissions charged for the assistance in the procurement of the materials/supplies, as well as fees or transportation charges of the material so long as the fees are reasonable compared to those customarily charged. In this case the cost of the materials will not be counted

Since the erection is by a non-minority contractor, that portion will not be counted.

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1.3 The unit price form shows masonry, 04200 in both the Architectural systems and Structural systems line item. Where would you like us to show this cost?

Show Masonry cost as part of Architectural Systems.

1.4 Spec Section 15300 1.2-B states: ''wet and Dry pipe systems shall be provided, with full facility wet system coverage and partial facility dry system coverage as directed by owner; coordinate prior to bid." Please specify which areas, if any, will not maintain 40 degrees Fahrenheit at all times.

Replace Section 15300 in its entirety with Section 15300 attached to this Addendum.

1.5 Sheet ME1.0: The underground yellow polyethylene plastic pipe for natural gas is not available in 2-1/2". Should this be upsized to 3" piping?

Upsize natural gas pipe to 3" piping.

1.6 Drawing S13, general note 2 states, "All structural steel, joist girders, joists, purlins, girts, girt clips, eave struts, sag rods, and any other miscellaneous wall system component (excluding the siding) to receive two coats of gray primer." Is it intended to have all secondary metal to be field painted?

Except for touch up of shop primer, no metal is to be field painted unless indicated otherwise on Architectural drawings.

1.7 Please clarify what type of steel reinforcement goes in the 6" and 10.5" pavement.

The concrete pavement to building slab connection is reinforced per Detail 14 on Sheet C8.0. The 10.5" and 6" thick concrete pavements are non-reinforced.

1.8 If a well point system is required who will be responsible for the design and cost associated?

The cost for design and installation of a well point system will be the responsibility of the contractor. Refer to the Geotechnical Exploration Report in the Appendix of the Project Manual for anticipated depths of the ground water.

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2.0 GENERAL

The following is a list of products, materials, and/or manufacturers prior approved to bid the respective equipment or materials. Note that approval of a material or manufacturer does not constitute approval of a specific product. Products must meet or exceed plans and specifications in every aspect and are subject to shop drawing review. No other substitutions will be accepted.

Lighting	Manufacturer
A1	Williams, H.E. PT-24-L49/835-RA-DRV-UNV
A1E	Williams, H.E. PT-24-L49/835-RA-EM/BSL310LPSTDRV-UNV
A1H	Orion Energy Systems HBHS1G1OAUNVFDXX835LFAHW
A1HE	Orion Energy Systems HBHS1G1OAUNVFDXX835LFAHWBBSD em.battry / self test
A1H-cs	Orion Energy Systems HW-FC008 180" cable set
C3	Williams, H.E. 75L-4-L50/835-A12125-DIM-UNV
C3E	Williams, H.E. 75L-4-L50/835-EM/BS310LPSTA12125-DIM-UNV
D1L	Phoenix Products Co., Inc. DLAW-16LED-25-60-120 as scheduled
E3	Barron Lighting Group TRL-ACEM-BR
W1	Alumilite Corporation SH170/LED-UV-R3-40K-RAL COLOR specify color **Item Note:** Supplied with 70w/9000lm driver-color by arch.
W2	Alumilite Corporation SH155/LED-UV-R3-40K-RAL COLOR specify color
X3	Barron Lighting Group VLED-1-WH-EL90-G2
A1	Lithonia 2BLT4 48L ADP EZ1 LP835
E3	Lithonia AFB OEL [finish] UVOLT N SDRT WT
W1	Visionaire VSC-1 T3 48LC 5 4K UNV WM [finish]
W2	Visionaire VSC-1 T3 32LC 5 4K UNV WM [finish]
X3	Lithonia LHQM LED R SD
A1	Metalux 22CZ2-LD5-44-UNV-L835-CDI-U
A1E	Metalux 22CZ2-LD5-44-UNV-EL14W-L835CDI-U
A1H	Metalux OHB-30HE-MFL-UNV-L835-CDI-U
A1HE	Metalux OHB-30HE-MFL-UNV-EL20W-L835 CDI-U
C3	Metalux 4SNLED-LD5-47SL-LW-UNV-L835CDI-U
C3E	Metalux 4SNLED-LD5-47SL-LW-UNV-EL14W-L835-CDI-U
W1	Eaton VWM-F04-LED-D1-SL3-XX
W2	Eaton VWM-FO2-LED-D1-SL3-XX
X3	Sure-Lites LPX7SD

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3.0 PLANS

3.1 Clarification to Sheet M2.0:

The correct model number for the Applied Air Turnover units shall be 1FP-300/250 as indicated in the specifications.

3.2 Clarification to Electrical Plans:

The fire pump is being removed from the project scope. Delete all conduit, conductors, and other electrical requirements associated with the fire pump.

3.3 Sheet ME1.0:

All 2-1/2" natural gas pipe sizes shown shall be increased to 3".

4.0 SPECIFICATIONS

4.1 Section 15300:

Replace Section 15300 in its entirety with Section 15300 attached to this Addendum.

4.2 Section 15440:

Modify items 2.3-A and 2.3-B as follows: Change flush valve to Delany Empire E402-1.6 manual piston flush valve with self-cleaning bypass

Modify item 2.3-C as follows: Change flush valve to Delany Empire E451-1 manual piston flush valve with self-cleaning bypass

Modify item 2.3-F as follows: Emergency Eye/Face Wash (EW) - Bradley model S19-210Y pedestal-mounted eye/face wash, twin perforated-disc eye/face wash heads with protective covers and integral flow control, stay-open ball valve with push handle, galvanized steel drain pipe with waste tee and floor flange, 10" diameter stainless steel bowl, and tepid water supply. Route waste through exterior wall and elbow down to drain onto grade outside. Connection sizes: TP = 1/2", WD = 1-1/4".

4.3 Clarification to specifications section 16700:

Provide fire alarm panel equal to Firelite Model MS-9600 U DLS in lieu of the Edwards Systems Technology (EST) panel previously specified. Voice Evacuation shall not be required.

END OF ADDENDUM NO. 5

SECTION 15300: AUTOMATIC SPRINKLER FIRE PROTECTION

PART 1 - GENERAL

1.1 GENERAL:

The General Conditions, Supplementary Mechanical and Electrical Conditions, and Special Conditions are hereby made a part of this Division to the same extent as if written in full, and this Contractor shall observe all of the requirements thereof insofar as they pertain and apply to his work.

1.2 SCOPE:

A. The scope of these specifications includes: the engineering, design and complete installation of the automatic dry pipe fire sprinkler and hose cabinet systems. The Sprinkler Contractor shall furnish and install the entire sprinkler system, from the base of the riser to the final installation of each head. Any and all components as required for a complete installation shall be provided including, but not limited to, piping, fittings, etc. These areas shall be clearly marked in the shop drawing submittal.

B. The basis of design for this facility shall be for the least demanding water supply required for storage of general purpose steel commodities throughout the building and for storage heights of up to 25 feet. Full facility dry pipe system coverage shall be provided. Hose stream design capacity basis shall be for the max duration give for the respective system hazard level as stipulated by NFPA 13. The bid shall be based on initial provision of only overhead coverage. Contractor shall provide not less than 4 taps in overhead system – coordinate exact locations with Architect/Owner – for possible future addition of sprinkler rack protection. Owner shall be responsible for modification of the system as required to accommodate actual storage materials and pallet/rack layout to meet all requirements of the State Fire Marshal and of the local fire bureau authority having jurisdiction.

C. It shall be a specific requirement that insofar as possible, all overhead sprinkler system mains and branches shall be installed as close as possible to the deck.

D. All piping for all systems shall be coordinated with lighting fixtures, air-conditioning ducts, piping and air handling units. Sprinkler heads shall be located in the center of ceiling tiles each way. Final exact locations shall be verified with the Architect upon shop drawings submittal and immediately prior to installation.

E. Painting of all exposed sprinkler system piping, controls, valves, etc., shall be accomplished under the work this section. All sprinkler system piping throughout areas without finished ceilings shall be primed and painted; coordinate with architectural reflected ceiling plans accordingly.

F. Caulking and sealing of sleeves for piping through floors and walls shall be included under the scope of the work of this section. The installation of all sleeves regardless of location, and the insulation of sprinkler system lines passing through insulated walls and partitions shall be in this Section of the work as specified hereinafter.

1.3 CODE REQUIREMENTS:

All aspects of design, installation and equipment shall conform in all respects to the rules, regulations and requirements of the State Fire Marshal (including but not limited to the currently adopted editions of NFPA 13 and NFPA 20 where applicable), Property Insurance Association of Louisiana, local city or parish codes and ordinances, and Local Fire Prevention Bureau. All piping, valves, fittings, etc. shall be U.L. listed and F.M. approved for fire protection service.

1.4 SHOP DRAWINGS AND APPROVALS: <S>

The Automatic Sprinkler Subcontractor shall prepare complete shop drawings and dimensional working drawings for the entire installation. Subcontractor shall design for a minimum 10 psi safety margin at the base of the riser in all hydraulic calculations. First submit to the Architect for approval of the basic arrangement and layout. Such submittal will be noted for corrections or changes if required. Submit in four (4) copies. The corrected drawings shall then be submitted by the Subcontractor with review fees, completed applications, etc. to the Louisiana State Fire Marshal and Property Insurance Association of Louisiana. Upon securing written approval of these two agencies, submit to the Architect seven (7) copies of all drawings, stamped as approved, by each of the agencies.

PART 2 - PRODUCTS

2.1 MATERIALS AND INSTALLATION:

A. The materials and installation shall be as follows:

1. Automatic Sprinkler Heads - Recessed, upright or pendent, of proper temperature rating, shall be installed throughout the areas as required by the insurance authority. Where furred or finished ceilings occur, the piping shall be installed above the ceiling with the sprinkler heads nippled to the ceiling and set in white polyester coated metal escutcheon plates. Sprinkler heads shall be recessed type with white polyester coated finish in all finished ceilings unless noted or specified otherwise.

2. Sprinkler Risers – Shall be equipped with a drain valve, standard dry pipe system valve assembly, and gauges.

3. Electric Bells - Shall be furnished for alarm system and dry pipe valves and located as required.

4. Drains - Shall be piped to outside of building as part of this work, except in locations where a drain fixture is provided by the plumbing design specifically.

5. Piping System Valves - Shall be U.L. listed and F.M. approved for fire protection piping systems and shall be installed as required by the NFPA.

6. Hose Cabinets (where required) - Shall be equal to Allenco 7169 with 2-1/2" to 1-1/2" reducer, 1-1/2" valve, 75 ft. linen hose with fox nozzle and type S door.

7. Fire Department Connections

   Wall connections shall be equal to Potter-Roemer 5025-D chrome-plated cast brass body with drop clappers, two way 2-1/2" X 2-1/2" X 4" back inlet, polished chrome-plated brass plate "automatic sprinkler standpipe", polished chrome-plated brass 2-1/2" double female snoots with rigid end N.P.T. X pin lug hose thread swivels, pin lug plugs and chains.

   Pedestal connections shall be equal to Potter-Roemer 5763-C polished chrome-plated free-standing cast brass pedestal body, with drop clappers, two way 2 1/2" x 2 1/2" x 4" inlet, polished chrome-plated brass plate “automatic sprinkler standpipe”, polished chrome-plated brass 2 1/2" double female snoots with rigid end N.P.T. x pin lug hose thread swivels, pin lug plugs and chains.

8. Overhead Piping

   General: Schedule 40 black galvanized steel pipe produced to the following: ASTM A-

795, A-53 and A-135. Pipe, fittings and joints shall be UL listed and FM approved. Listed restrictions and installation procedures per NFPA-13, and state and local codes must be followed. Piping layout shall be such as to avoid, wherever possible, conflicts or interference with building lighting, multiple pipe runs and mechanical equipment, including piping and equipment not in this contract. Locations of these items will be shown or called for on the drawings.

Threaded Pipe: Schedule 40 pipe 1" through 6" NPS and Schedule 30 pipe 8" NPS and larger may be threaded as approved by UL, FM, and NFPA 13.

Roll-Grooved Pipe: Schedule 10 pipe 1 1/4" through 12" NPS may be roll-grooved and joined with UL listed rubber-gasketed couplings as approved by UL, FM, and NFPA 13.

Other Fittings/Joints: Schedule 10, 30 or 40 pipe with welded outlets and joints are acceptable in accordance with UL, FM, and NFPA 13. Flexible piping will not be acceptable.

9. Hangers - Shall be installed as required and shall be UL listed for use in a sprinkler system. Hangers shall be spaced in accordance with the requirements of the NFPA. All inserts and supports shall be installed prior to fireproofing. Coordinate with other trades.

10. Sprinkler Cabinet - One cabinet with 6 sprinkler heads and a head wrench shall be installed in the project where directed. Sprinklers shall be representative of those installed.

11. Underground Piping - Shall be Class 150 cast iron pipe, with mechanical joints, tar coated and UL approved. Fittings for this pipe shall be mechanical joint type, Class 250, tar coated. Underground piping shall be braced and clamped in an approved manner acceptable to the Rating Bureau. AWWA C-900 DR18 PVC as manufactured by North American Corp. may be used if permitted by local codes and authorities. Provide concrete thrust blocks at each change in direction and at all tees, plugs, caps, and bends in strict accordance with NFPA 24 and Appendix B.

12. Trenching and Backfill - Sprinkler lines included under this section shall conform to applicable portions of the specifications for excavation and backfill for buildings, including compaction and soils engineer control.

PART 3 - EXECUTION

3.1 TESTING:

A. All piping shall be tested for two hours at 200 psi in the presence of the Owner's representative and the inspector for the Rating Bureau and the Fire Marshal's representative, and shall be proved tight. Unsatisfactory workmanship shall be corrected to the satisfaction of the above mentioned persons. Defective materials shall be replaced with new materials and the defective materials removed from the premises.

B. After testing and inspection of the entire system, and prior to project occupancy, a completed "Contractor's Material and Test Certificate" per NFPA-13 shall be submitted by the contractor for review and approval by the State Fire Marshal.

3.2 GUARANTEE:

All materials and workmanship installed under this section of the specifications shall be guaranteed for a period of one year from the date of acceptance of the installation by the Owner. Any defects noted within

this period shall be promptly repaired by the Contractor at no expense to the Owner. The Contractor shall also be responsible for any damage to other work caused by leaks or breaks in work installed under this Contract during the period of construction and the guarantee period.

PART 4 – MEASUREMENT AND PAYMENT:

4.1 MEASUREMENT
Automatic Sprinkler fire Protection will not be measured.

4.2 PAYMENT
Payment for Automatic Sprinkler Fire Protection will be made under Ref. No. S-10 with a Lump Sum pay unit.

END OF SECTION 15300