TETER, LLP
ARCHITECTS ENGINEERS CONNECTED

ADDENDUM NO. 3

PROJECT:

Oakdale Irrigation District – Metal Building Bid
Package 2.1
1110 Kaufman Road, Oakdale, CA

Date: 04/13/2022

TETER Project No.: A 18-10850 D

CLIENT:

Oakdale Irrigation District
1205 East 'F' Street
Oakdale, CA 95361

*The following additions, deletions and revisions to the plans, specifications and Addenda shall become a part of the plans and specifications. It is the responsibility of the General Contractor to submit the information contained in this addendum to all subcontractors and suppliers. The Bidder shall acknowledge receipt of the Addendum in the Bid Proposal. (Addendum number of pages: **7** total pages)*

CLARIFICATIONS:

3 – 01: REQUEST FOR INFORMATION (RFI) #4:

A. Section 00 43 83 Preliminary Construction Schedule. Request to provide a preliminary schedule and the schedule will help with determining the award. Please clarify will our schedule supersede the contract schedule shown ?

Response: OID schedule will be revised to per the proposed schedule unless schedule is deemed unacceptable by the Owner.

B. Clarification Submittal of Building department approval plans August 3, 2022. Manufacturers are currently running 8 – 12 weeks for design. To hold pricing the buildings must be ordered as Fabrication orders and no significant changes will be allowed. The building delivery will be within 20 weeks from order or per Manufacturer's schedule.

Response: To clarify, the date, August 3, 2022, is when OID needs the PEMB design drawings and calculations to be sent to TETER for submission to the City of Oakdale for plan check reviews. Approval of all plans by the City of Oakdale will occur at a later undetermined date. Final production and delivery schedules will be adjusted upon receipt of building permit.

C. Section 00 43 36 Subcontractors List. Will the District consider the PEMB manufacturer a material supplier or subcontractor?

Response: Material Supplier.

D. Section 00 11 13 Contractor License Classification. Since materials only are being supplied is this still a requirement ?

Response: No.

E. Section 00 61 13 Performance Bond. Will this be required of us as material suppliers?

Response: No.

F. Section 00 52 17 Supervision and Inspection of Materials. What is the district's expectation as a material supplier? Who will inventory and accept the materials?

Response: Response to this question provided as part of Addendum No.2, item 2-05.

G. Section 00 65 36 Guaranty.

Response: Guaranty applies to the materials supplied ONLY.

H. Section 00 65 38 Warranty. Is manufacturers standard materials warranty acceptable?

Response: Yes.

I. Section 01 20 00 Will complete contract be paid upon delivery of materials?

Response: See response to 3-02F.

J. Section 01 31 19 Meetings. Expectations of meeting attendance once Construction has started?

Response: See response to 3-01M.

K. Section 13 34 19, 1.4A Coordination of anchor rod placement. Does this requirement pertain to us as a material supplier?

Response: Yes.

L. Section 13 34 19, 1.5B. How many anchor rod templates are required?

Response: One for each column.

M. Section 13 34 19, 1.8H1. Is this a requirement for us as a material supplier?

Response: Yes.

3 – 02: REQUEST FOR INFORMATION (RFI) #5:

A. RFI #1, 1-01. A response is calling for a 12 ton +- crane. Is this correct?

Response: Response to this question provided as part of Addendum No.1, item 1-01.

B. Without complete information, we will not be able to design the crane beams and rails. PEMB will have loading and crane brackets only.

Response: PEMB is expected to provide the columns as part of the PEMB building to support the crane beams (which are designed by others).

C. RFI #1 B. Is the vapor barrier to be part of the PEMB material quote?

Response: No.

D. RFI #1 C, Covered Entry. What panel profile is desired for the entry. It appears to run horizontal. S111 Detail 10 shows the tube framing field welded to PEMB columns.

Response: Basis of Design is 'Varco Pruden's Deck Liner installed horizontally, 24 ga., 36" wide panel with ribs spaced at 3" o.c. With regard to detail 10/S111, the steel tube framing welded to the PEMB columns is correct.

E. RFI #1, 1-02. Is the vapor to be part of the PEMB material quote?

Response: See response to 3-02C.

F. RFI #1, 1-04. A retention for materials supplied to be held until the project is completed ? PEMB does not have control over the project completion. PEMB quote would be completed upon delivery and acceptance by district.

Response: Previous response to this question provided as part of Addendum No.1, item 1-04. Within 10 days after the delivery of the steel building materials to the site and acceptance of the delivery by OID staff, the Notice of Completion shall be filed. At least 30 days after the Notice of Completion has been filed, OID will certify that the contract has been satisfactorily completed and the retention will be released.

G. RFI #1, 1-06 D, Plans and Specs. Call for 24 gage standing seam 24" wide. Do we change to 22 gage panels?

Response: The response found in Addendum 1, 1-06 D supersedes the plans and specs.

- Roofing panels (Bldgs 'A' and 'D' only): 24 ga. Standing seam 24" wide panel with ribs spaced 24" o.c., concealed fastners.
- Roofing panels (Bldgs 'B' and 'C' only): 24 ga. Standing seam 36" wide panel with ribs spaced at 12" o.c. (exposed fastener)

H. RFI #1, 1-06 E. Have the roll-up doors been specified? We required load information.

Response: See attached **AD3-01** for the specifications of the roll-up doors.

3 – 03: REQUEST FOR INFORMATION (RFI) #6:

A. S000 Basis of Design #2. Mezzanine collateral of 28# being questioned by PEMB manufacturers.

Response: S000 basis of design is in error, s001 is correct. The 60 psf is comprised of the following:

2" concrete over 3" metal deck (5" total depth) weighs 50 psf for collateral loading. An additional 10 psf is made up of lights, ducting, partition seismic mass, fire sprinkler, mezzanine steel framing, etc. As MBM is designing the mezzanine steel framing, the

50 psf collateral for concrete over metal deck may be added to the collateral determined by the MBM for the mezzanine.

B. S001 Metal Building Note 10-2A. This calls for 60# psf for collateral load. PEMB manufacturers would like clarification for mezzanine design criteria.

Response: See response to Part A.

C. What roof collateral loads should we use for the PEMB?

Response: Roof collateral loads are to be determined by the MBM as they are designed and provided entirely by the MBM. Collateral loads were given for the mezzanine because it is our understanding that the MBM will not provide the concrete over the metal deck for the mezzanine floor system.

3 – 04: REQUEST FOR INFORMATION (RFI) #7:

A. In Addendum No.2 there is reference to the penetrations needed for the building, on these drawing the utility penetrations are also noted, i just wanted to clarify if the building manufacture would be responsible for these or will each trade be responsible for their own penetrations which would be more typical. Could I please get clarification on the intent ?

Response: Penetrations and related curbs, jacks, etc. will be provided by future Prime Contractor and appropriate subcontractors.

B. Could I get clarification on what bonds and insurance will be needed for this bid, the specifications read as for a contractor not a supplier so it is difficult to determine where to draw that line.

Response: If Bidder is not the Metal Building Manufacturer (MBM), they shall provide Payment Bond and Warranty Bond (or MBM's standard warranty).

C. I would just like to get clarification that the man doors and roll-up doors are not to be included in the building package, is this correct?

Response: All types of doors are not included in the Bid.

D. Will the Pan deck on the mezzanine be included in the building package price or will that be supplied by your concrete contractor?

Response: Pan deck shall be included in the MBM proposal.

END OF ADDENDUM NO. 3

Clay Davis
Architect of Record

SECTION 083323
OVERHEAD COILING DOORS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Section Includes overhead coiling service doors as follows:

1. Non-fire rated.
2. Manually operated.
3. Non-insulated.

B. Related Sections include but are not limited to the following:

1. Division 05 Section "METAL FABRICATIONS" for miscellaneous steel supports.
2. Division 08 Section “DOOR HARDWARE” for cylinders for locks.

1.3 PERFORMANCE REQUIREMENTS

A. General Performance: Doors shall meet performance requirements specified without failure due to defective manufacture, fabrication, installation, or other defects in construction and without requiring temporary installation of reinforcing components.

B. Structural Performance, Exterior Doors: Exterior doors shall withstand the wind loads, the effects of gravity loads, and loads and stresses within limits and under conditions indicated according to ASCE/SEI 7 and the California Building Code.

1. Wind Loads: Uniform pressure (velocity pressure) of 20 lbf/sq. ft., acting inward and outward.
2. Deflection Limits: Design overhead coiling doors to withstand design wind load without evidencing permanent deformation or disengagement of door components.

C. Seismic Performance: Overhead coiling doors shall withstand the effects of earthquake motions determined according to ASCE/SEI 7 and the California Building Code.

1. The term "withstand" means "the unit will remain in place without separation of any parts from the device when subjected to the seismic forces specified."

D. Operation Cycles: Provide overhead coiling door components and operators capable of operating for not less than number of cycles indicated for each door. One operation cycle is complete when a door is opened from the closed position to the fully open position and returned to the closed position.

1.4 SUBMITTALS

A. Product Data: For each type and size of overhead coiling door and accessory. Include the following:

1. Construction details, material descriptions, dimensions of individual components, profiles for slats, and finishes.
2. Rated capacities, operating characteristics, electrical characteristics, and furnished accessories.

B. Shop Drawings: For each installation and for special components not dimensioned or detailed in manufacturer's product data. Include plans, elevations, sections, details, and attachments to other work.

1. Detail equipment assemblies and indicate dimensions, weights, loads, required clearances, method of field assembly, components, and location and size of each field connection.

C. Seismic Qualification Certificates: For overhead coiling doors**,** accessories, and components, from manufacturer.

D. Maintenance Data: For overhead coiling doors to include in maintenance manuals.

1.5 QUALITY ASSURANCE

A. Installer Qualifications: Manufacturer's authorized representative who is trained and approved for both installation and maintenance of units required for this Project.

B. Source Limitations: Obtain overhead coiling doors from single source from single manufacturer.

1.6 WARRANTY

A. Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of overhead coiling service doors that fail in materials or workmanship within specified warranty period.

1. Failures include, but are not limited to, the following:

a. Structural failures including, but not limited to, excessive deflection.
b. Faulty operation of hardware.
c. Deterioration of metals, metal finishes, and other materials beyond normal weathering and use; rust through.

1. Warranty Period: 2 years from date of Substantial Completion.

B. Special Finish Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components that show evidence of deterioration of factory-applied finishes within specified warranty period.

1. Warranty Period: 10 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 OVERHEAD COILING SERVICE DOOR

A. Basis-of-Design Product: Design and specifications are based on the following:

1. Overhead Door Corporation; model #610, Heavy Duty Service Door.

a. Subject to compliance with requirements, provide the indicated product or comparable product by one of the following

1) Cookson Company.
2) Cornell Iron Works, Inc.
3) McKeon Rolling Steel Door Company, Inc.
4) Raynor.

B. Operation Cycles: Not less than 20,000 cycles.

C. Door Curtain: Interlocking roll-formed slats as specified in the following. Endlocks shall be attached to each end of alternate slats to prevent lateral movement:

1. Profile: #F265E Flat Slat profile, 16-gauge galvanized steel.

2. Slat Finish: Polyester Top Coat, color as selected by Architect from manufacturer's full range.

a. Interior Curtain-Slat Facing: Manufacturer’s standard interior finish.

D. Endlocks and Windlocks for Service Doors: Malleable-iron casings galvanized after fabrication, secured to curtain slats with galvanized rivets or high-strength nylon. Provide locks on not less than alternate curtain slats for curtain alignment and resistance against lateral movement.

E. Bottom Bar for Service Doors: Consisting of two angles, each not less than 1-1/2 by 1-1/2 by 1/8-inch thick; fabricated from manufacturer's standard hot-dip galvanized steel and finished to match curtain slats.

F. Curtain Jamb Guides: Manufacturer's standard angles or channels and angles of same material and finish as curtain slats unless otherwise indicated, with sufficient depth and strength to retain curtain, to allow curtain to operate smoothly, and to withstand loading. Slot bolt holes for guide adjustment. Provide removable stops on guides to prevent overtravel of curtain, and a continuous bar for holding windlocks. Provide continuous integral wear strips to prevent metal-to-metal contact and to minimize operational noise.

G. Hood: Form sheet metal hood to entirely enclose coiled curtain and operating mechanism at opening head. Contour to fit end brackets to which hood is attached. Roll and reinforce top and bottom edges for stiffness. Form closed ends for surface-mounted hoods. Equip hood with intermediate support brackets as required to prevent sagging.

1. Profile: Round.
2. Mounting: Face of wall as is standard with manufacturer and as appropriate for project conditions.
3. Material and Finish: 24-gauge galvanized steel, finish to match slats.
4. Exterior Doors: Fabricate hood to act as weather protection and with a perimeter sealant-joint-bead profile for applying joint sealant.

H. Slide Bolt: Fabricate with side-locking bolts to engage through slots in tracks for locking by padlock, located on both left and right jamb sides, operable from coil side.

I. Chain Lock Keeper: Suitable for padlock.

J. Curtain Accessories:

1. Weatherseals: Equip each exterior door with weather-stripping gaskets fitted to entire perimeter of door for a weathertight installation, unless otherwise indicated.

    a. At door head, use 1/8-inch thick, replaceable, continuous sheet secured to inside of hood.
    b. At door jambs, use replaceable, adjustable, continuous, flexible, 1/8-inch thick seals of flexible vinyl, rubber, or neoprene.
    c. At door threshold, equip door bottom bar with a replaceable, adjustable, continuous, compressible gasket of flexible vinyl, rubber, or neoprene as a cushion bumper.

2. Push/Pull Handles: Equip each push-up-operated or emergency-operated door with lifting handles on each side of door, finished to match door.

    a. Provide pull-down straps or pole hooks for doors more than 84 inches high.

K. Counter Balance Mechanism: Counterbalance doors by means of manufacturer's standard mechanism with an adjustable-tension, steel helical torsion spring mounted around a steel shaft and contained in a spring barrel connected to top of curtain with barrel rings. Use grease-sealed bearings or self-lubricating graphite bearings for rotating members.

1. Counterbalance Barrel: Fabricate spring barrel of manufacturer's standard hot-formed, structural-quality, welded or seamless carbon-steel pipe, of sufficient diameter and wall thickness to support rolled-up curtain without distortion of slats and to limit barrel deflection to not more than 0.03 in./ft. of span under full load.
2. Spring Balance: One or more oil-tempered, heat-treated steel helical torsion springs. Size springs to counterbalance weight of curtain, with uniform adjustment accessible from outside barrel. Secure ends of springs to barrel and shaft with cast-steel barrel plugs.
3. Torsion Rod for Counterbalance Shaft: Fabricate of manufacturer's standard cold-rolled steel, sized to hold fixed spring ends and carry torsional load.
4. Brackets: Manufacturer's standard mounting brackets of either cast iron or cold-rolled steel plate.

L. Chain-Hoist Operator: Consisting of endless steel hand chain, chain-pocket wheel and guard, and gear-reduction unit with a maximum 25 lbf force for door operation. Provide alloy-steel hand chain with chain holder secured to operator guide.

2.2 GENERAL FINISH REQUIREMENTS

A. Comply with NAAMM's "Metal Finishes Manual for Architectural and Metal Products" for recommendations for applying and designating finishes.

B. Appearance of Finished Work: Noticeable variations in same piece are not acceptable. Variations in appearance of adjoining components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

2.3 STEEL AND GALVANIZED-STEEL FINISHES

A. Baked-Enamel or Powder-Coat Finish: Manufacturer's standard baked-on finish consisting of prime coat and thermosetting topcoat. Comply with coating manufacturer's written instructions for cleaning, pretreatment, application, and minimum dry film thickness.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates areas and conditions, with Installer present, for compliance with requirements for substrate construction and other conditions affecting performance of the Work.

B. Examine locations of electrical connections.

C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

A. Install overhead coiling doors and operating equipment complete with necessary hardware, anchors, inserts, hangers, and equipment supports; according to manufacturer's written instructions and as specified.

B. Install overhead coiling doors, hoods, and operators at the mounting locations indicated for each door.

C. Accessibility: Install overhead coiling doors, switches, and controls along accessible routes in compliance with regulatory requirements for accessibility.

3.3 ADJUSTING

A. Adjust hardware and moving parts to function smoothly so that doors operate easily, free of warp, twist, or distortion.

B. Lubricate bearings and sliding parts as recommended by manufacturer.

C. Adjust seals to provide weathertight fit around entire perimeter.

3.4 DEMONSTRATION

A. Engage a factory-authorized service representative to train Owner's maintenance personnel to adjust, operate, and maintain overhead coiling doors.

END OF SECTION