Addendum No.3

Date Issued: June 20, 2018

RFP Name: Culinary Art’s Equipment

RFP# 2018-PUR-027

1. We are changing the spec’s on the blast chiller and the walk-in cooler and freezer.

   The blast chiller we want to spec out a Eurodib (brand) OR a Traulsen. (We hadn’t spec’d out a brand at all).

   The walk-in freezer and cooler can also now be a Thermalrite brand. (We have currently spec’d out a AmeriKooler – so we want one or the other).

2. What are dimensions of elevator? We need to verify that walk in panels 4’xx4”x7’2.25” and 3 hole sink will fit on elevators.

   Elevator is 5’9.5”X4’4” wide and 7’9” tall. See below shop drawing from Elevator manufacturer. Expect the cab to be built very close to what they show in their drawings.
**Submittal Transmittal**

**Van Horn High School Addition and Remodel**

1109 S. Arlington Avenue
Independence, MO 64053

**Project # 08-17-3042**

**Nabholz Construction Corporation**

Tel:  Fax:  

**Date: 8/11/2017**

**Reference Number: 0105**

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**Qty** | **Submittal Package No** | **Description** | **Due Date** | **Package Action**
---|---|---|---|---
1 | 142100-0002 - - 0 | MRL Traction Elevators Shop Drawings | 8/25/2017 | Reviewed

**Transmitted For**

**Delivered Via**

Email

**Tracking Number**

Items | Qty | Spec Section | Description | Notes | Item Action
---|---|---|---|---|---
142100-0002 | 1 | 142100-1.3 | MRL ELECTRIC TRACTION ELEVATORS Shop Drawings |

**Cc:** 

Nabholz Construction Corporation  Ian Davies  1
Nabholz Construction Corporation  Noe Turrubiertes  1

**Remarks**
Van Horn High School Addition and Remodel  
Project No. 08-17-3042

Subcontractor: OTIS  
Submittal: 142100-0002 MRL Traction Elevators Shop Drawings

Reviewed ☒
Approved ☐
Approved as Noted ☐
Not Approved ☐
Revise and Resubmit ☐

NABHOLZ CONSTRUCTION CORP.
Reviewed for general compliance with the Design Documents. Subcontractor or vendor is fully responsible for all materials, accessories, coordination with contract documents and other trades, detailing and field measurements, and related construction criteria necessary to produce a complete, properly functioning and coordinated product, prepared for installation in full compliance with the contract documents, Nabholz Construction Corporation Subcontract or Purchase Order.

Signature Ian Davies  Date 08/11/2017

Notes:
1. Construction Manager’s comments (if any) in green, architect/engineer’s comments (if any) in red.

1. NO EXCEPTION TAKEN

Reviewing is only for conformance with the design concept of the Project and compliance with the information given in the Contract Documents. The Contractor is responsible for dimensions to be confirmed and correlated at the site; for information that pertains solely to the fabrication processes or to the means, methods, techniques, sequences and procedures of construction, and for coordination of the Work of all trades. Review does not authorize changes to Contract sum unless stated in separate letter or Change Order.
CONTRACT # 643922
ELEV No 1
2" X 3/8" FLATBAR HANDRAIL - DH155
BRUSHED STAINLESS STEEL
NOT TO SCALE

CONTRACT # 643922
PASSENGER
100 F.P.M.

HydroFit 2110

PRELIMINARY LAYOUT
(NOT FOR ORDERING)
General Prep. / Work

1. Provide any adjustments to accommodate elevator equipment (bracketing, viewing, and half fixtures) along with patching walls and floors, or partial to finish finishing of walls and frames, if required.

2. Provide hoisting tower access to the building for unloading of material and on-site storage area for elevator equipment as follows: dry and enclosed, provide not-deck access to the elevator hoistway at the ground level, located within 200 feet (60.954 meters), at the hoistway at a larger extent of 20 feet (6102 mm x 6096 mm) per elevator. Any warranted pipes by Oilis for elevator equipment are null and void if equipment is stored in a manner other than a dry enclosed building structure.

3. Provide sufficient on-site containment for the proper disposal of elevator packaging material. Should sufficient refuse containers not be provided, disposal of packaging material shall become the responsibility of the owner.

Holdaway and Fin. Prep. / Work

4. Prior to the start of installation, provide a dry, properly framed, enclosed and vented holdaway in accordance with all applicable codes.

5. Provide a clear plumb holdaway with variations from the size shown on the Oilis layout not to exceed + 1/2 inch / + 1 inch (25 mm).

6. Install per Machine Room / Machine Space Prep / Work and Electrical Requirements.

   Provide a rough opening for and install a 3' X 7' standard fire rated interior door on one side of the holdaway, as shown on the Oilis layout. Provide a holdaway access door must not be on an outside wall. When determining the location of the machine space, dimension the Oilis layout from the inside door edge of the door and not the door stop edge. Please advise that this door location is very critical. Follow the manufacturer’s instructions for the types of holdaway and material and make the appropriate adjustments so that the door will be placed in the proper location.

   The door frame must be securely mounted to the wall to sustain a concentrated / horizontal force exerted by the electrical disconnect(s), electrical conduit, and wiring up to an approximate 325 lbs. loc. Install per Machine Room / Machine Space Prep / Work and Electrical Requirements. The door frame opening must be adequate for mounting the machine and electrical components on configuration see the general contractor guide or talk to your Oilis representative.

7. Furnish adequate rail bracket supports and tested spacing as required by governing code from pit floor to top of holdaway. For steel or wood frame construction, adequate bracketing for a rail bracket to be installed not less than 10'-3" (3114 mm) or more than 12'-11" (3943 mm) from the top landing. Furnish support beams where required. Rail bracket attachment supports must be spaced and flush with the clear holdaway frame.

   If the floor to floor height exceeds the maximum bracket spacing allowed by the elevator code, Oilis requires some form of support to properly attach our guide rail brackets. The minimum allowed bracket spacing is indicated in the rail force and bracket detail table on the Oilis layout. Any rail bracket mounting surfaces that are not within the finished holdaway dimension, i.e. the finished holdaway dimension to the 1/6" non-concentrated. Oilis agrees to provide guidance on this matter to the appropriate time.

   If rail bracket embedded plates or inserts are provided by Oilis, they shall be installed by others in accordance with Oilis documentation and instruction.

8. If vertical tube steel is utilized on rail support, see the Oilis layout for any specific requirements.

When a machine room is used, a second floor controller / tank location, furnish adequate Tank Stand supports flush with the holdaway wall when the following holdaway construction material is used; concrete, steel, block, frame, or wood.

The support can be any of the following: header beams, steel tube, inserts, or embedded plates at locations specified per Oilis layout.

Note: When a support is provided, it should be able to withstand the force shown on an Oilis contract layout for seismic and non-seismic conditions.

Concrete holdaways will not require supports for Tank stand.

9. Furnish a dry pit reinforced to sustain vertical forces on core rails and impact loads on cylinder head(s) and buff out in a flat, level, and dry area.

   The elevator pit must have a floor drain or sump pump to prevent the accumulation of water. Location to be coordinated with Oilis to avoid all elevator components and access areas. In areas requiring Firefighter’s Emergency Operation, a sump pump / drain shall be provided that shall have the capacity to pump away to a minimum of 11.4 m³/h (40.000 gal.) per elevator (122.4, 123.5, Oilis “A.17”-2007 / CSA 444-07). Oilis recommends that the owner verify the system complies with all applicable laws and local codes.

10. A) Protection from Falls: As required by the Occupational Safety and Health Administration (OSHA) 1926.502 (B) (1) (3), a freestanding removable handrail at each holdaway opening at each floor. Handrails shall be 42" (1067 mm) high, with mid-railing 36" (914 mm) high, with a minimum handrail 200 lbs. (90.7 kg) of verticle and horizontal pressure.

   B) Protection from Falling Objects: As required by the Occupational Safety and Health Administration (OSHA) 1926.502 (B), holdaway protection from falling objects and other hazards by either:

   1. Full enclosure screening / mesh in front of all elevator entrances.

   2. Secure / controlled access to all elevator lobbies (lock and key) with posted notice "Only Cargo Personnel Beyond This Protection."

   Notes: — Items A) and B) can be integrated systems.

   — Handrails and screening shall be constructed, maintained, and removed by others.

   11. The front entrance wall at the main landing, is not to be installed until after installation of all doors are complete and installed in the holdaway (the entire front wall - CLEAR HOISTWAY WIDTH - must be open for installation). Remaining from entrance walls are not to be constructed until after door frames are in place in the holdaway. The rough openings, per sizes shown on the Oilis layout, are required. Prior to the completion and turnover of the elevator(s), all entrance walls must be installed and rough openings filled in completely to maintain fire rated holdaway requirements.

   12. Provide adequate support at all bearing points of each entrance. Provide plumb surfaces for entrance and all supports, one above the other, and square with the holdaway. For 4'-0" (1219) two speed door arrangements, on additional holdaway attachment point is required for an auxiliary support bracket under the all assembly in the center of the clear door opening. Finish floor and grout, if required, between doors for frames. A horizontal support is to be provided 1 foot (300 mm) above the clear opening at the upper limit of the door frame assembly. If floor height exceeds 11'-0" (3350 mm), a horizontal support is to be provided 1 foot (300 mm) above the clear opening. If transoms are required, the support would be 1 foot (300 mm) above the transom height.

   13. Provide and install a steel safety beam per elevator, from side wall to side wall at the top of the holdaway, capable of withstanding a maximum net live load of 5000 lbs. (2268 kg). Oilis requires 2" (51 mm) clear above the beam. Beam must be removed before car is parked in operation if it interferes on required clearance.

   14. Glass used in holdaway construction must block 98% or more of incident full spectrum ultraviolet radiation for the full height of the holdaway.

   15. If an emergency door is used in a blind holdaway is required, provide an outward swinging single section type door with door closer and a self-closing barrier per OADE “A.17”-2007, section 2.11.1.2. Contact your local Oilis personnel for details on the oilis specific requirements.

Machine Room / Machine Space Prep / Work

16. When a machine room is used, provide a suitable dry machine room with access and ventilation in accordance with all applicable codes and regulations. The machine room is to be maintained and not less than 50°F (15°C) and 100°F (38°C). When a machine room is used, the machine space will be in the holdaway behind the machine room wall. The machine room wall is to be separated from the holdaway by a fire-rated wall per OADE "F7N74911". When built into the machine space and in accordance with all applicable codes and regulations. The machine space is to be maintained at a temperature between 72°F (22°C) and 104°F (40°C). Relative humidity to be maintained at 95% non-condensing. Local codes and regulations may require some deviation from the above.

   The temperature and humidity range shall be permanently posted in the machine room / machine space. Please check with your local code authority for the exact requirements in your area.

17. Machine room space doors to meet code compliance for the respective construction. When a machine room is used, provide a self-closing (local building code dependent) and self locking door with a group 2 locking device. When a machine room is used, provide a 3" x 3" self closing door and self locking door with a group 2 locking device in the holdaway per Oilis layout. In addition, ensure that all galvanized metal sheet door machine room / machine door seal area (e.g. threshold, weather stripping, etc.). Self closing mechanism cannot protrude into the machine space at any time.

   The machine door seals shall have a paint grade on the holdaway side of the door.

18. When a machine room is used, Oilis will provide a metal or metal sheet cover to be mounted on the holdaway side of the machine space door per Oilis layout. The metal sheet will accommodate the mounting of the machine room access panel, fixed disconnect switch or circuit breaker switch, and the convenience outlet. Connect knockouts though the metal sheet cover will be required to access the disconnect switch or circuit breakers, and convenience outlet. See Electrical Drawings.

   [Note: Consult with the Oilis Representative at your location concerning the metal sheet mentioned above for machine space applications.]

19. [Refers to elevators with remote machine rooms requiring buried piping and wiring way] Provide bracing and bolting as necessary to accommodate remote machine room conditions.
When a machine room is used and where practical, disconnects shall be located adjacent to the door of the machine room enclosure. When a machine space is used, disconnects or circuit breakers shall be located behind the door of the machine space per OSHA layout.

Branch circuit wiring to each controller (NEC 620–53 or OCS Rule 38–053) must be provided.

For machine room applications, a convenience outlet and a suitable light, of not less than 200 lux (193fc) as measured of floor level must be provided in the machine room with a light switch located within 18" (456 mm) of lock/jamb side of machine room door.

For machine space applications a convenience outlet located inside the machine space door and a suitable light located outside of the machine room space area on the lock/jamb side of the door at floor level must be provided per OSHA layout. The machine space light circuit shall be a dedicated circuit separate from other lighting circuits (NEC 620–23 or OCS Rule 38–303).

A convenience outlet and light fixture of not less than 100 lux (94fc) as measured at the pit floor level must be in the pit with a light switch located adjacent to the pit access door (NEC 620–34 or OCS Rule 38–024). The light bulb(s) shall be externally mounted to prevent contact and accidental breakage.

[Note: Consult with the OSHA Construction Supervisor at your location concerning the following paragraph.]

To meet the code when the elevators are to be turned over, the third permanent phase feeder and protective overcurrent devices shall be connected and power available prior to the start of the elevator.