

# ADDENDUM

Owner  Contractor   
Architect  Field

Project Name: 2009 Improvements  
A New Bus barn for  
Wink-Loving ISD  
Roscoe, Texas

Addendum No.: **One (1)**  
Date: 10 Apr 2009  
Project No.: 08032.1

This addendum shall be considered part of the Contract Documents for the above mentioned project as though it has been issued at the same time and incorporated integrally therewith. Where provisions of the following supplementary data differ from those of the original Contract Documents, this Addendum shall govern and take precedence.

Bidders are hereby notified that they shall make any necessary adjustments in their estimates on account of this Addendum. It will be construed that each Bidder's proposal is submitted with full knowledge of all modifications and supplemental data specified herein.

**Item No. One:** Specification Sections 01030, Delete pressure washer from plumbing/mechanical: On page 01030-5, paragraph 18.2, delete the pressure washer from the plumbing/mechanical bid package. The plumbing/mechanical contractor shall still bring water and gas utilities to the pressure washer. Connections to these utilities will be the pressure washer provider.

**Item No. Two:** Specification Sections 01030, Add bid package for vehicle maintenance equipment: On page 01030-6, add paragraph 24 as follows:  
24. Auto service related bid package: Provide and install pressure washer, pit guard (for the oil pit), air compressor and rolling oil drain.

**Item No. Three:** Specification Sections 02200: Add the attached specification sections to the printed specification booklet (these specification sections were originally included in the on-line specifications). Revise the Index to reflect the addition of these sections.

**Item No. Four:** Specification Sections 11800, Pit covers: Add the following paragraph:  
7. Pit Cover: Provide a pit cover to provide fall protection at the oil change pit. Provide Unilube (817-222-2253, contact Sales, James or John) "Pit Guard" or approved equal. System shall meet OSHA requirements, be capable of withstanding weights up to 1000#, be installed on edge-of-pit angle iron, have wheel rollers to facilitate removal, etc.

**Item No. Five:** Specification Sections 11800, Pressure washer: Add the following paragraph:  
8. Pressure washer: Provide stationary, natural gas fired, hot water, pressure washer, MITM HEG-30004-0E2G, or approved equal.  
8.1 Provide with the following features:  
Remote box, auto start/stop, 24 volt controls, adjustable thermostat, thermal relief valve, pressure switch and overpressure safety controls, poly float tank, max discharge temp. of 200 deg F, powder-coated steel panels and frame, quick connect nozzles, professional grade trigger guns.  
8.2 Provide with ½" SCH80 tubing for dual-wand set up/heavy wall seamless tubing,  
8.3 Provide with the following warranties:  
one year electric motor warranty, two year parts and labor warranty, three year warranty on coil, seven year warranty on pump.  
8.4 Provide with the following accessories:  
2-5000 PSI hand crank hose reels, 2-5000 PSI (R2) 100 ft hoses, misc. hardware, clamps, bolts, nuts, wire ties, all tread, labor to install, pressure test, etc.

- Item No. Six:** Specification Sections 13122, color of roof/wall panels: Delete paragraphs 2.6.B and 2.6.C. Replace with the following:  
2.6.B Wall and roof panels: Provide Star Building Products, Signature 300, “premium” color selections, or approved equal.
- Item No. Seven:** Specification Sections 15653 – Compressed Air Piping Systems: Add the attached spec section to the project booklet.
- Item No. Eight:** Drawing S2, Form steel for storage decks: Provide 9/16’ deep, 26 gage standard corrugated galvanized metal forms. See Drawing S3, Concrete and Reinforcing, note 3.
- Item No. Nine:** Drawing A1, Delete Type D13 doors: Delete all type D13 doors (all these doors are positioned on the north wall of the building). Provide standard wall panels.
- Item No. Ten:** Drawing A1, Exterior wall of Storage 109: Provide 8” CMU, similar to Section 7/A2.
- Item No. Eleven:** Drawing A1, Section 09/A1: Provide 4” CMU, not metal stud and drywall.
- Item No. Twelve:** Drawing A1, Passageways into Wash Bay 108: Provide type D4 doors at all four passageways into Wash Bay 108.
- Item No. Thirteen:** Drawing A2, Tapered frames: On Section 1/A2, show the frames as being taper, not straight.
- Item No. Fourteen:** Drawing A2, Inner wall panel: On Section 1/A2 and 6/A2, show the inner wall panel stopping at 14’ AFF (at the same height as the top of the door frames). Provide “R” type wall panels similar to the exterior of the building. Provide inner panels on all exterior walls, except where a CMU wall is positioned adjacent the exterior wall.
- Item No. Fifteen:** Drawing A2, Translucent wall panels in east elevation: Add eight 6’ tall x 1 panel wide translucent wall panels. Position these panels center on each bay frame.
- Item No. Sixteen:** Drawing A3, Section 11/A3: Delete this section. Provide similar to section 5/A2.
- Item No. Seventeen:** Drawing A3, Trolley crane, Section 24/A3: Add the sentence: Provide beam for trolley crane capable of lifting 1,000 lbs.
- Item No. Eighteen:** Drawing ME1, note #12, termination of communication conduits: Extend conduits above storage deck.
- Item No. Nineteen:** Drawing ME1, note #11 and communications conduits: Note #11 should point to the three “U/COMM” lines, not the “U/Fire” line.
- Item No. Twenty:** Drawing ME1, routing of underground communications (U/COMM) conduits: Extend the three conduits 250’ farther west and enter the existing wood shop building, rather than the existing bus barn.
- Item No. Twenty-one:** Drawing ME1, communications conduit pull boxes: Provide three 24”x24”x24” (+/-) precast concrete pull boxes with factory-supplied steel cover plates (non-roadway rated) to facilitate pulling of communications, data, fire, etc. wiring from the bus barn to the existing wood shop building. Position the boxes as follows:  
#1: just to the west of Wildcat Drive,  
#2: midway between #1 and #3,  
#3: at the west end of the east/west conduit runs, just before turning north toward the wood shop building.

- Item No. Twenty-two:** Drawing M1, Add exhaust fan EF9: Provide one additional exhaust fan, EF9, that is equivalent to EF4-EF7. Position EF9 center in Wash Bay 108 and in line with exhaust fans EF1, EF4, etc.
- Item No. Twenty-three:** Drawing M1, Add additional louvers: Provide two additional 42x42 louvers. Position one louver in the east wall, center on the storage deck adjacent Wash Bay 108, at the same height as other east wall louvers. Provide the second louver in the north wall of Wash Bay 108, above the doorway between Wash Bay 108 and Break Room 105; install bottom of louver 5' above the floor of the equipment deck.
- Item No. Twenty-four:** Drawing P1, fire protection/sprinkle system: Provide complete fire sprinkle system for the bus barn. System shall be designed by engineer licensed in the State of Texas. Provide all documents sealed by licensed engineer.
- Item No. Twenty-five:** Drawing E2, ceiling fan: Provide 52" diameter, 5-blade (wood), all-white ceiling fan. Provide with close-mount kit, 3-speed, reversible, built-in pull chain. Provide Nutone PFMB52Wh, or approved equal. Install the fan in the middle of the room and connect to the lighting circuit. Provide a separate wall-switch to activate the fan. Speed control and clockwise/counterclockwise control will be accomplished by integral pull-chain/switch operation).
- Item No. Twenty-six:** Drawing E2, sole source fire alarm components: All work associated with the fire alarm system shall be accomplished by the firm who recently installed the school's facility-wide fire alarm system, Black Watch Systems LLC, Snyder, Texas, 325-573-4733.
- Item No. Twenty-seven:** Drawing E2, fire alarm system: Delete the fire alarm panel and provide fire alarm auxiliary power unit (to power alarm devices). All fire alarm input devices (pull stations, smoke/heat detectors, sprinkler flow switches, sprinkler valve position switches, etc.) and all alarm signal wiring shall extend to the existing fire alarm equipment in the wood shop building.
- Item No. Twenty-eight:** Drawing E2, additional computer and telephone outlets: In office 101, provide two additional telephone and computer outlets as described by notes 4 and 5. Position these additional outlets on the north wall of the room 101.

**Item No. Twenty-nine:**

END OF ADDENDUM

## SECTION 15653 - COMPRESSED AIR PIPING SYSTEMS

### PART 1 - GENERAL

#### 1. GENERAL REQUIREMENTS:

1.1. See Section 15060 for general pipe requirements.

#### 2. APPLICATIONS:

Above ground compressed air piping.

Underground compressed air piping.

### PART 2 - PRODUCTS

#### 3. COMPRESSED AIR PIPING MATERIALS AND PRODUCTS:

3.1. Above Ground Piping Within Buildings: Provide schedule 40, black steel with threaded fittings.

3.2. Underground Piping: Provide type "K" annealed soft copper tubing with solder joint fittings (but no fittings below grade).

#### 4. AIR COMPRESSOR:

4.1. Provide heavy-duty, two-stage, stationary air compressor rated for 100% duty cycle (provide with synthetic oil). Provide with 5hp, 208v/3ph open drop-proof electric motor; cast-iron reciprocating-type low-RPM air compressor (splash lubricated with finned inner cooler) capable of delivering 16.5 CFM @ 175 psi; 80 gallon ASME-coded horizontal tank.

4.2. Provide with factory-supplied auto start/stop controls, totally-enclosed safety-design belt enclosure, mounted/wired motor starter, safety relief valve, pressure gauge, discharge gate valve, tank drain valve, air-cooled after cooler, (to remove moisture from compressed air).

4.3. Warranty: Provide with three year factory warranty.

#### 5. QUICK COUPLINGS/OUTLETS:

5.1. Match couplings in existing auto shop facility. Provide DynaQuip 4X792, or approved equal.

### PART 3 - EXECUTION

#### 6. INSTALLATION OF COMPRESSED AIR PIPING:

6.1. General: Install compressed air piping as indicated and in accordance with local plumbing code. Lay lines level. Clean interior of piping of dirt and other superfluous material as work progresses.

#### 7. OUTLETS:

7.1. Provide outlets at indicated locations. Install at 42" AFF. Coordinate position with engineer and owner prior to installation.

END OF SECTION 15653