

# MSA

## MATT SILAS ARCHITECT

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### ADDENDUM NUMBER 2

ISSUE DATE: APRIL 02, 2021

#### PROJECT:

RANDOLPH COUNTY HEALTH UNIT  
407 CAMP ROAD  
POCAHONTAS, ARKANSAS 72455

#### OWNER:

RANDOLPH COUNTY  
107 WEST BROADWAY  
POCAHONTAS, ARKANSAS 72455

#### TO: PROSPECTIVE BIDDERS

Please review items noted in this addendum. This addendum forms a part of the contract documents and modifies the bidding documents as indicated below.

#### GENERAL

#### MECHANICAL

1. Sheet M-2.1, Heat Pump Air Handling Units Schedule:
  - a. Edit note 8 to read as follows:
    - i. Provide 24" tall up flow filter plenum for air blower section with return duct connection below unit. Plenum equal to McDaniel Metals model UFFPE at [www.mcdanielmetals.com](http://www.mcdanielmetals.com). It shall provide filter access in front of blower. Provide internal insulation in plenum. Provide UL-2998 listed ionizer with automatic cleaning function per unit and install per the manufacturer's recommendations on the return or supply air plenum. Condensate drain from each cooling coil shall route to the floor drain provided by the plumbing contractor. Condensate piping shall be DWV PVC with PVC fittings. Piping shall be insulated with 1/2" thick fiberglass with vapor barrier or 1/2" Armaflex. Provide a trap at the coil if the unit is not internally trapped. Provide water seal of 2 inches. Condensate piping shall be a minimum of 1 inch. Install piping allowing for maintenance access to other components. Under each furnace/coil provide a 3 inch deep sheet metal secondary drain pan minimum 26 gauge. Provide a float switch to de-energize the respective unit upon detection of water in the secondary drain pan.

**PLUMBING**

## 1. General

## a. Natural Gas Piping:

Natural gas piping shall be steel pipe, ASTM A 53; Type E or S; Grade B; Schedule 40; black. Unions shall be ASME B16.39, class 150, malleable iron with brass-to-iron seat, ground joint, and threaded ends according to ASME B1.20.1. Steel welding fittings shall be ASME B16.9, wrought steel or ASME B16.11, forged steel. Construct joints according to AWS D10.12, "recommended practices and procedures for welding low carbon steel pipe."

Install unions adjacent to each valve. Shutoff valves for 2" and smaller, threaded ends according to ASME B1.20.1 for pipe threads. Do not install threaded valves inside building or above ceilings, only at outdoor units and at service entrance on the exterior. Earthquake valve shall be FM approved or listed in IAS directory as complying with ANSI Z21.70 and UL listed. Include mechanical operator with earthquake valve. Install strainer upstream from earthquake valve. Gas piping with welded joints and protective wrapping may be installed in walls subject to approval of authorities having jurisdiction. Where install in walls, gas piping shall be painted with two coats of rust inhibitive paint.

Underground piping shall have protective coating for underground piping: Factory-applied, three-layer coating of epoxy, adhesive, and PE. In lieu of coating, PE piping listed below is acceptable if approved by authority having jurisdiction:

PE Pipe: ASTM D 2513, SDR 11.

1. PE Fittings: ASTM D 2683, socket-fusion type or ASTM D 3261, butt-fusion type with dimensions matching pe pipe.
2. PE Transition Fittings: Factory-fabricated fittings with PE pipe complying with ASTM D 2513, SDR 11; and steel pipe complying with ASTM A 53/A 53m, black steel, Schedule 40, Type E or S, Grade B.
3. Anodeless Service-line Risers: Factory-fabricated and leak tested.
  - a. Underground Portion: PE pipe complying with ASTM D 2513, SDR 11 inlet.
  - b. Casing: Where passing under sidewalks or concrete, provide steel casing pipe complying with ASTM A 53/A 53m, schedule 40, black steel, type E or S, grade B, with corrosion-protective coating covering. Vent casing aboveground.
  - c. Above ground portion: PE transition fitting.
  - d. Outlet shall be threaded or suitable for welded connection.
  - e. Tracer wire connection.
  - f. Ultraviolet shield.
  - g. Stake supports with factory finish to match steel pipe casing or carrier pipe.

Extend fuel gas piping and connect to distribution system for service entrance. Coordinate with utility company the meter, location, concrete pad, and pressure regulator.

Paint all exterior exposed gas piping with two coats of rust inhibitive paint – color to be selected by the Architect.

**ELECTRICAL**

- 1. General
  - a. Electrical Service at Building: For bidding purposes, run conduit and conductors listed on drawings to the street near the NE corner of the development.
  - b. Telephone: The service provider is undetermined at this time. For bidding purposes take conduit specified on drawings to the street.
  
- 2. MC Cable meeting requirements of NEC 517 for Health Care Facilities allowed in lieu of conduit specified as Deductive Alternate No. 5. The contractor shall complete the information below and provide this sheet as part of the bid submittal after page 11 of the ACEDP Bid Package for General Contractors.

**Deductive Alternate No. 5:**                      **Substitute MC cable, complying with NEC 517 and other applicable codes, in lieu of conduit specified.**

Deduct the sum of:    “ \_\_\_\_\_ ” \$ \_\_\_\_\_

Total Base Bid minus Deductive Alternates No. 1, No. 2, No. 3, No.4 and No. 5              \$ \_\_\_\_\_

**SPECIFICATIONS**

- 1. Section 00 1100, ACEDP Bid Package for General Contractors.
  - a. Refer to Page 11, Deductive Alternate No. 4.
    - i. The Total Base Bid dollar value should be the amount less deductive alternates 1, 2, 3, **and 4**. Deductive Alternate “No. 4” was not listed.

**END OF ADDENDUM NO. 1**