

# SMALL ARROW ENGINEERING, LLC



## EMW Public Access CNG Station Moriarty, New Mexico Addendum Number 1

Date: September 2, 2020  
Issued to: All Bid Document Holders of Record

This addendum forms a part of the bid package described above. The original Bid Documents and any prior addenda remain in full force and effect as modified by the following that shall take precedence over any contrary provisions in the prior documents.

### Project Manual Clarifications & Revisions:

#### Advertisement for Bid – Bid Opening Date & Time

Questions:

1. Multiple subcontractors have requested an additional time to submit bids. **The bid opening has been pushed back to 3:00 p.m. on the SAME DAY.**

**Sealed bids will be received at EMW Gas Association, 416 5<sup>th</sup> St, Estancia, NM 87016 by no later than 3:00 p.m. MDT on Thursday, September 10, 2020 at which time the public opening and reading of bids received will begin in EMW Gas Association Conference Room.**

#### Section 00100 – Part 20 Public Works Contracts

Questions:

2. Does the local participation and veteran participation apply only to the prime contractor? **NO**
3. We will primarily be using local subcontractors - does their participation get credited? **YES**

#### Section 00300B – Bid Items 1, 2, 4, 5, 6, 7, 8, 9

Questions:

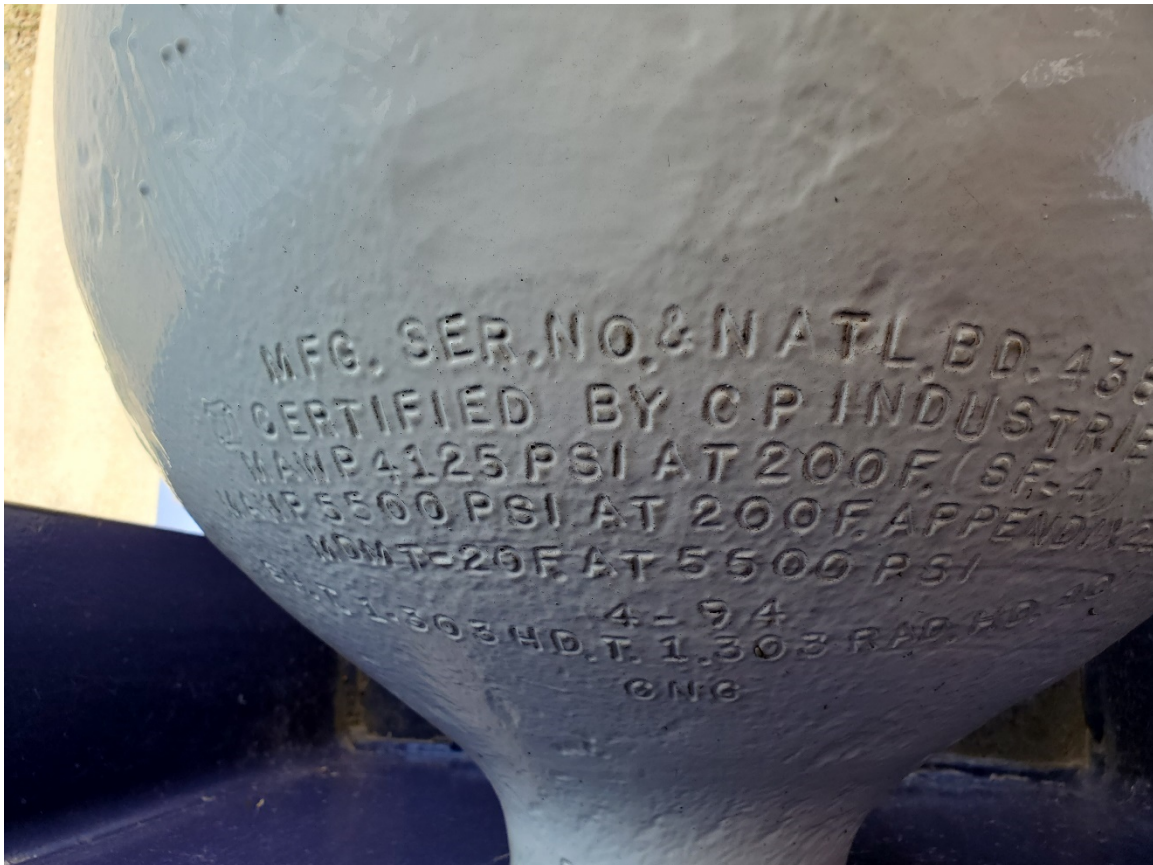
1. The Unit Price Schedule lists “Transport” for many of the pieces of equipment. Are we to include transportation costs in these line items? **NO**
2. Is this transportation from the EMW yard only or potentially from elsewhere? Please clarify. **Over a 2-day period, EMW will provide a crane to load equipment at the EMW shop. EMW will transport that equipment over to the Jobsite. EMW will provide the crane to set the equipment at the Jobsite. The Contractor is responsible for the placement and anchoring of the equipment. Beyond the 2-day period, the Contractor will be responsible for any additional craning and transporting.**



**Section 00300B – Bid Item 3**

Questions:

1. Reconditioning CNG storage Cylinders. These were not on site for inspection. Please provide direction on exactly what needs to be done to recondition these units. **EMW will transport the vessels to the Moriarty Shop for the Contractor to refurbish. The vessels will need to be sandblasted and painted with matching colors of JW sphere skids. The vessels will also need new relief valves installed with 3 year certification for 5500 psi setting.**
2. Are pictures available? **YES, see attached below: (And digital images are available upon request.)**



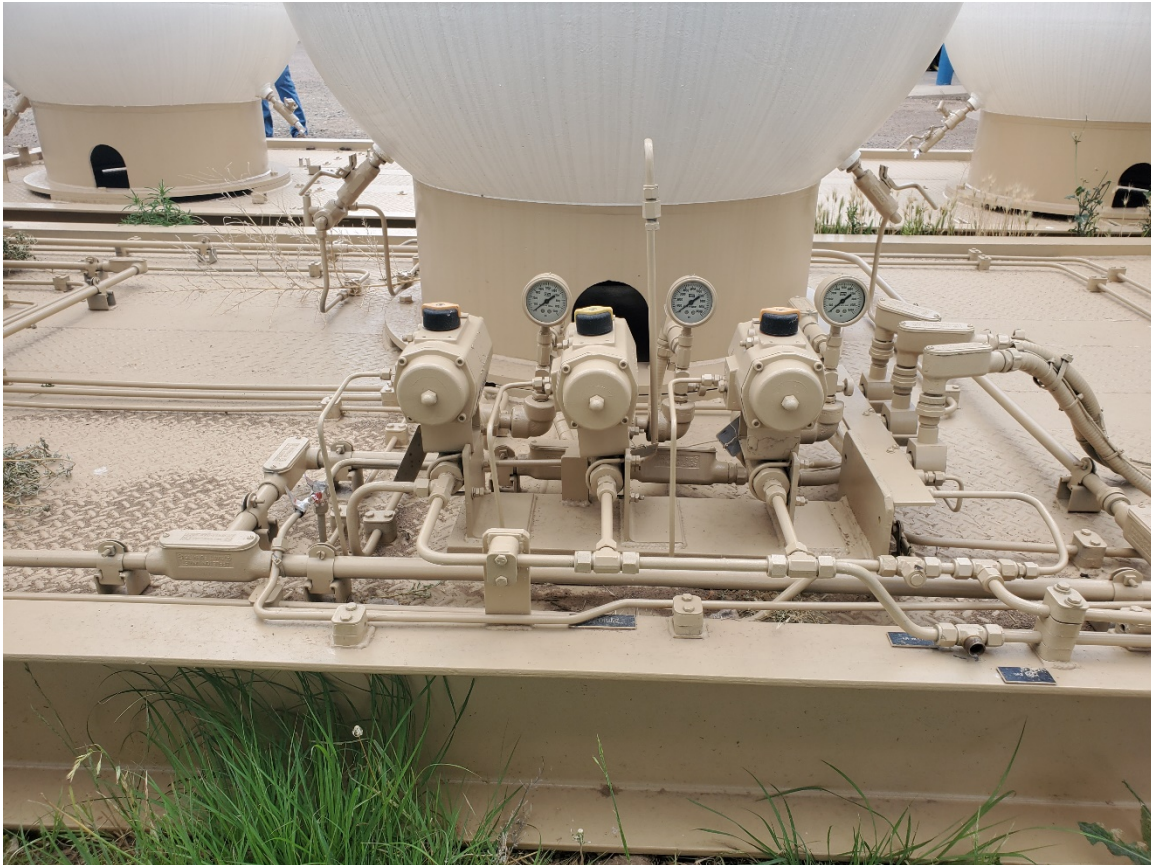


**Section 00300B – Bid Item 10**

Questions:

1. Please provide additional information regarding “rebuild” of Skid priority panel. **The Contractor will need to reassemble the priority panel system located on the JW sphere skid as per the original JW Power plans using existing components and adding new components to make a fully functional 3 bank cascade system. Each of the vessels from the other skids will need to be connected and tied into the priority system with valves isolating each of the vessel groups. The final bank count will be as follows: High Bank – One (1), Mid Bank – Two (2), Low Bank – Nine (9).**
2. See attached Photos of the priority system on the skid and the original STORAGE excerpt from the manufacturer.





**Section 00300B – Bid Item 14**

1. **12" Thick Chip and Seal paving has been replaced with 6" SP-III Asphalt over 6" NMDOT Type 2 Base. (See detail Sheet 10 of Plans).**

**Section 00300B – Bid Item 27:**

1. Details for seeding/landscaping, no details on plans for type of seeding, etc. **Seeding of disturbed areas should be per the 2017 (or newer) Zone 3 Seed List: Pecos/Canadian Plains and Valleys. This can be accessed under the Revegetation Zones & Seed Lists Link located at [nmdot.maps.arcgis.com](http://nmdot.maps.arcgis.com). There are no Landscaping Requirements.**

**Section 00300B – Unit Bid Prices/Total Base Bid**

Questions:

1. Please confirm whether, or not all line items found on the Unit Price Bid Schedule need to add up to the Total Base Bid. **YES, All unit prices need to add up on Total Base Bid on the Bid Form.**

**Section 00300B – Alternate Bid Items**

2. **An Alternate Bid Item has been added to pave entire site with 6" Asphalt over 6" Base, except the 8" Concrete Fueling pad under the canopy. This alternate also includes construction of an asphalt entrance in Business Loop 40 Right of Way.**

## Section 08100 – Metal Doors and Frames

Questions:

1. Please confirm Steel door hardware requirements, panic hardware? **Please add Specification 08100 – Metal Doors and Frames to the Specifications Manual. This specification will cover the hardware requirements.**

## Construction Plan Clarifications & Revisions:

### Plan Sheet 2 - Wall & Sign Elevations

Questions:

1. Please confirm water meter is installed by others and is not in asphalt/paved area. **Water service and meter will be installed by the City of Moriarty and is located in a NON-paved area in the Northeast corner of the EMW property near the Paseo Poniente intersection. The Contractor will be responsible for installation of the house line from the meter box to the two (2) frost-free hydrants.**

### Plan Sheets 2 & 10 – CNG Station Site Layout & Misc Construction Details

Questions:

2. Please provide details for the chip and seal (w/12" base). If asphalt is acceptable as an alternate, please provide details. **Yes, Asphalt will be acceptable. We have replaced the Chip & Seal option with Asphalt. There is now a detail on Sheet 10. There is also an alternate bid item added to the Bid Form for using all asphalt paving except the concrete fueling pad under the canopy.**
3. Please provide details for 8" HD concrete paving. **There is now a detail on Sheet 10.**
4. Is the NMDOT permit and its requirements relating to the concrete entrance available? **Not at this time.** Please provide copy of the NMDOT permit drawings referred to on sheet 2? **Use typical sections now available on Sheet 10.** Unit price sheet lists details #13,15,16 & 31 referring to NMDOT not shown on plans? **Use details on Sheet 10, Refer to NMDOT Standard Specifications for gradations. Also, please refer to NMDOT Standard Drawing 702-05-1/1 "INSIDE / MEDIAN AND OUTSIDE LANE OPERATIONS FOR DIVIDED INTERSTATES & NON-INTERSTATES" for traffic control measures required for lane closure along Business Loop 40.**
5. Can you confirm the HDPE drainage pipe is to be 18" instead of 15"? Are any details on the install of this drainage pipe? **15" Pipe installed per manufacturer's specifications.** What kind of ends are required? **No End Treatments are required.**
6. Details on 3" & 5" native stone? **Native stone is to be 3/4" Sandia Blend. Details on Sheet 10 have been updated for 3" and 5" thick courses.**

### Plan Sheet 5 - Wall & Sign Elevations

Questions:

1. CMU Block - Desert Rose is no longer available and the 6x12x12 sunflower is out of stock, Utility Block no longer makes any block with pumice and that is what designates the finish color. Pumice is the white aggregate, they now use scoria which is red. **Please see revised Sheet 5. Color is now Sedona or similar color. Venting blocks are now standard blocks turned on their sides.**

### Plan Sheet 7 – Canopy Layout & Elevations

Questions:

1. Is the canopy fascia standard 36"? **Yes, the fascia height is standard 36 inches.**

### **Plan Sheet 8 – Canopy Layout & Elevations**

Questions:

1. Is there a light pole base detail? **A detail has been added to Sheet 8.**

### **Plan Sheet 10 – Misc Construction Details**

Questions:

1. Unit price sheet item #54- Protective hat over exposed tubing/conduits, details? Is this Detail on Sheet 10? **Yes, that is the detail.**

### **Plan Sheet 14 – Electrical – Bill of Materials**

Questions:

1. Please clarify Electrical Equipment listed on Sheet 14, contractor's responsibility. **Section 16010 page 9 calls out the required components as well.**
2. Please confirm that the Utility Co. will provide the new transformer, disconnect and CT cabinet and primary electric cable. **Yes, that is correct.**
3. Does EMW have a Security/Camera contractor they have used at other facilities? **No preference of Security Contractor.**
4. Please make clear what mechanical gear is provided, delivered and etc. and what we will be responsible for providing. **The list of mechanical gear being provided and list of gear that contractor is responsible for is listed on Sheet 14. EMW will provide a crane to load equipment at the EMW shop. EMW will transport that equipment over to the Jobsite. EMW will provide the crane to set the equipment at the Jobsite.**

### **General Project Clarifications:**

Questions:

1. Are cut sheets/shop drawings of components available? **Please find attached the equipment plans from the original equipment installation project in Notrees.**
2. Are SSP and / or Tylok SS fittings and valves acceptable? **Yes, SSP or Tylok stainless steel fittings are acceptable, as they do meet the Buy America requirements.**
3. There are various questions about concrete placement and finishing: **Please note that the following concrete placement and finishing notes apply to this project:**
  1. **Wide Area Placements utilizing a Laser screed, supplemented by hand vibration is acceptable.**
  2. **4,000 psi concrete with air is required. The use of a super plastizer admix is acceptable to increase slump. W/C ratio shall not be exceeded by the addition of water on site.**
  3. **Provide sawcutting at 24' ocev. (Maximum spacing). Run rebar thru sawcuts.**
  4. **Cold Joints (end of pour) would include expansion joint material. Expansion joints not to exceed 150'. Provide #4 smooth dowel bars spaced per reinforcing spacing by 36" long at all Cold Joints.**

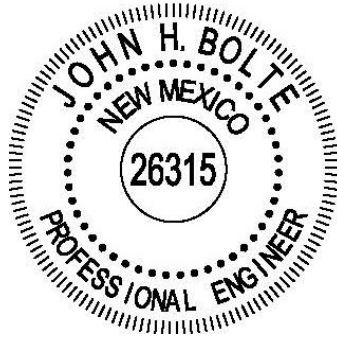
4. Please see attached revised Unit Bid Price Schedule Section 00300B. We have revised Bid Item Descriptions for Item #s 1, 2, 4, 5, 6, 8, 9 by removing "Transport". We have revised Bid Item #14 for Asphalt Pavement in Lieu of Chip & Seal. We have added an additional Alternate Bid Section for Asphalt Paving in lieu of Concrete Paving.



John H. Bolte, P.E.  
Project Engineer

September 2, 2020

Date



*Each bidder shall acknowledge receipt of this addendum by affixing his signature below by noting this addendum on his bid form, and by attaching this addendum to his bid.*

**ACKNOWLEDGEMENT**

The undersigned acknowledges receipt of this addendum and the Bid submitted in accordance with information, instructions and stipulations set forth herein.

Bidder: \_\_\_\_\_

Signed By: \_\_\_\_\_

Date: \_\_\_\_\_