

Addendum No. 1

North Valleys Integration Lemmon Drive Main Installation

Federally Funded

PWP Bid No. WA-2016-011
October 15, 2015

The following information, clarifications, changes and modifications are by reference incorporated into the bid documents for the above referenced project. Any work item or contract provision not changed or modified will remain in full force and effect. The bid date and time and construction schedule remain the same.

Question No. 1: Unsuitable Overexcavation of Trenches. The geotechnical report shows a large portion of the proposed pipeline to be installed where the bottom of the trench will be in clays and fat clays. Section 12.3 discusses trench bottom preparation and overexcavation and stabilization methods and Section 12.12 indicates that construction challenges will include yielding/unstable soils in the Northern to central portions of the site. The TMWA specifications Section 2200 3.02A states that overexcavation will be as directed by the TMWA inspector and that no additional compensation will be made.

As a contractor this is impossible to quantify, especially if performed as directed by the Owners representative and subject to his opinion and interpretation. We request that an addendum be issued and a separate bid item for Unsuitable trench over excavation be provided by the lineal foot of trench and include a cross section with the exact treatment and the depth of overexcavation so that all contractors can be paid for the actual amount required and not artificially inflate their bids to account for the worst case scenario. This is in the best interests of TMWA and puts all bidders on the same page

Response to Question No. 1:

Section 3.02A of Specification 02200 shall be deleted in entirety and replaced with the following:

3.02 Special Foundation Treatment

- A. Where yielding and unstable soils are encountered during trench excavation and preparation, overexcavation and replacement of the unsuitable material shall be required as directed by the Owner. The Special Foundation Treatment shall consist of a minimum overexcavation of 18-inches followed by the placement of Class C

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backfill, encapsulated in a geotextile fabric, as described in Section 12.3 of the Geotechnical Report. Densification of the Class C backfill shall be per the recommendations found in Section 12.3 of the Geotechnical Report.

- B. For the purposes of bidding, the proposed Special Foundation Treatment cross section shall be based on a trench bottom width of five (5) feet and a depth of 18-inches. The additional excavation will be above-and-beyond the depth necessary to install the proposed pipeline, in addition to the placement of bedding material as indicated on the Drawings. Item 8 has been added to the revised Bid Schedule (attached to this Addendum) for the purposes of addressing the Special Foundation Treatment potential. The Unit Price for Item 8 shall include any/all additional trench construction procedures, equipment, materials and safety requirements necessitated by the overexcavation.

Question No. 2: The City of Reno permit Hours of Operation section 10 b state that 7 calendars days are allowed for preparation of subgrade, placement and cure of the PCC roadway section at Military Drive. Section 10 d. provides 17 calendar days for essentially the same scope of work at Sky Vista. 7 calendar days does not provide sufficient time to perform all this work as well as cure and a 550 psi flexural strength. Please clarify if item 10 b. should be 17 calendar days similar to what is provided in 10 d.

Response to Question No. 2:

Under the City of Reno Excavation and Encroachment Special Condition of approval, TRAFFIC CONTROL, NOTIFICATIONS & HOURS OF OPERATION, 10) HOURS OF OPERATION, contractor shall strike through the following:

b. Roadway restoration work impacting the Military Rd. and Lemmon Dr. intersection (starting at approx. station 195+50 to 206+50) -- Contractor is allowed a total of (7) calendar days to complete work. Completion is defined as: PCC Roadway Pavement has been placed and cured to a minimum flexural strength of 550 psi, asphalt patching, grind & overlay complete, signal detection restored to the satisfaction of City's Traffic Engineer, and all lanes, all directions are open to traffic. A sum of three thousand dollars (\$3,000) liquidated damages shall be charged to the contractor for each and every calendar day of delay beyond the (4) calendar days.

and replace with the following:

b. Roadway restoration work impacting the Military Rd. and Lemmon Dr. intersection (starting at approx. station 195+50 to 206+50) -- Contractor is allowed a total of (10) calendar days to complete work. Completion is defined as: PCC Roadway Pavement has been placed and cured to a minimum flexural strength of 550 psi, asphalt patching, grind & overlay complete, signal detection restored to the satisfaction of City's Traffic Engineer, and all lanes, all directions are

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open to traffic. A sum of three thousand dollars (\$3,000) liquidated damages shall be charged to the contractor for each and every calendar day of delay beyond the (10) calendar days.

Question No. 3: The supplementary conditions section 7.01A state that the notice to proceed will occur on November 16, 2015. This is unrealistic since the primary work involves installation of pipe and gate valves which would not be able to be submitted on until November 5 after award, reviewed and approved and subject to lead times of materials well in excess of 1 week. The first day of work requires an Epoxy line spool, 24” gate valve and 30 x 24 reducer which generally have a lead time of 2 – 4 weeks minimum. We request the notice to proceed date be changed to allow for submittal preparation, review and realistic material procurement period for pipe, fittings and valves. The first day of work requires a 24” gate valve and 30 x 24 reducer which generally have a lead time of 2 – 4 weeks minimum.

Response to Question No. 3:

While TMWA appreciates the Contractor’s comments and concerns, the schedule presented in the Contract Documents shall remain unchanged at this time.

Question No. 4: Can you please specify the pipeline station limits of the work within NDOT right of way and confirm that the trench backfill material requirements and trench widths will conform to NDOT specifications and not City of Reno or Washoe County trench backfill requirements.

Response to Question No. 4:

The Contractor is directed to Sheet P23 for the call-outs presenting the beginning and ending pipeline stationing associated with the NDOT right-of-way encroachment. The call-outs indicate pipeline Sta 241+15.89 through pipeline Sta 254+81.11 will be within NDOT’s right-of-way.

The trench backfill, within NDOT right-of-way, shall be per the requirements stated in the Terms and Conditions of the Occupancy Permit provided in Attachment B of the Specifications, Section 00800 Supplementary Conditions. In non-structural areas, backfill materials shall meet the requirements of NDOT Section 207.02.01 and be compacted to 90% of MDD as determined by Test Method No. Nev T101. In structural areas, the backfill shall be Type II, Class B aggregate base meeting the requirements of NDOT Section 302 and compacted to 95% of MDD as determined by Test Method No. Nev T101.

Question No. 5: The reference section of the bid documents (Page 10, #1) say to list 3 projects performed in the last 3 years. In the Instructions to Bidders (Page 9, #9) it states to list 3 projects within the previous 7 years. Could you please clarify?

Response to Question No. 5

Under the Instructions to Bidders contained within Volume 1 of the Contract Documents, Section I - Bidding Procedures, Subsection L - Bidders Representation, Item 9, the first sentence of the paragraph shall be deleted in its entirety and replaced with the following:

The Bidder has appropriate work experience to be qualified to construct the Work, Bidder has successfully constructed at least three similar projects of equal or greater size, scope, type, cost and complexity within the previous three (3) years.

The following modifications/clarifications shall be made to the Drawings:

Drawing Sheet E1: Item 3, as listed on the Equipment Schedule, shall be deleted.

Drawing Sheet E3: Detail F/E3 shall be deleted.

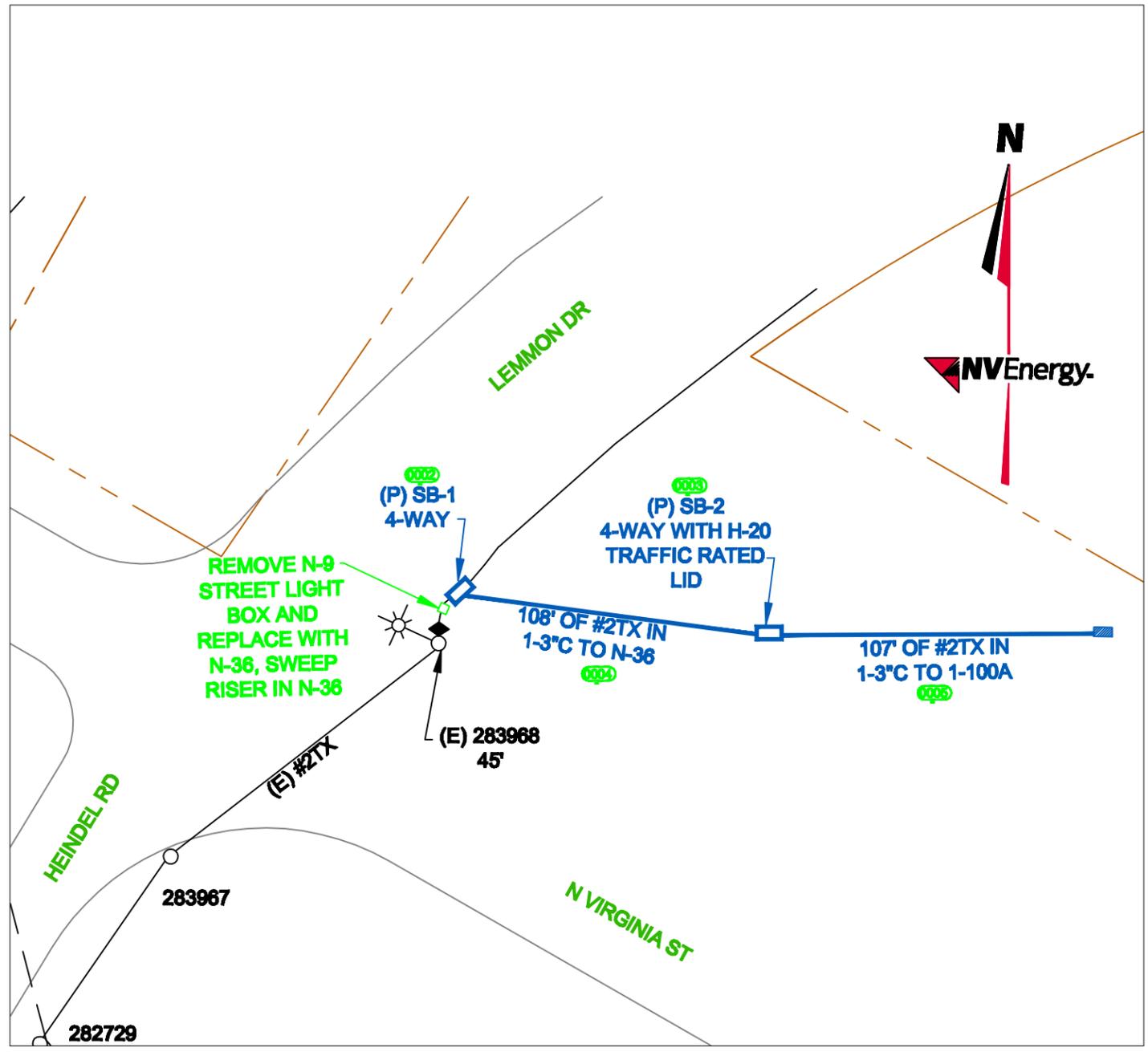
Drawing Sheet E7: The attached NV Energy Drawing shall be added to the Drawings as Sheet E7. **These improvements are to be constructed/installed by the Contractor as a part of the Work.**

The following clarifications shall be made to the Specifications:

Section 400524 Pipe: Steel - Lined and Coated

Part 2 –Products, Section 2.6 Steel Pipe Joints and Connections

- Under Subsection B, Bell and spigot joint rings, Item 1 shall be deleted in its entirety and replaced with the following: 1. *Carnegie Joints or Rolled Groove Rubber Gasket joints with wall thickness up to 0.375” per AWWA M11.*



NV ENERGY WORK AND SERVICES TO CONSIST OF:

APPROX. 215' CKT. FT. U/G SERVICE CABLE TO 1- 100 AMP PANEL C/O 1-#2TX IN 1-3" (CONDUIT BY CUSTOMER).

APPLICANT TO FURNISH AND INSTALL:

2- SERVICE BOXES (N-36) 30"x17"x12" I.D. WITH 2 EXTENSIONS (H-10 TRAFFIC RATED BOX), EXTENSION AND STEEL COVER TO BE INSTALLED IF ANY PORTION OF BOX FALLS WITHIN COMMERCIAL DRIVEWAY OR STREET RIGHT OF WAY. (SEE STANDARD VB0052U FOR H-10 & NON RATED) (SEE STANDARD VB0057U FOR H-20 TRAFFIC RATED).

PROPOSED APPROX. 215' FT. 3" PVC SERVICE CONDUIT.

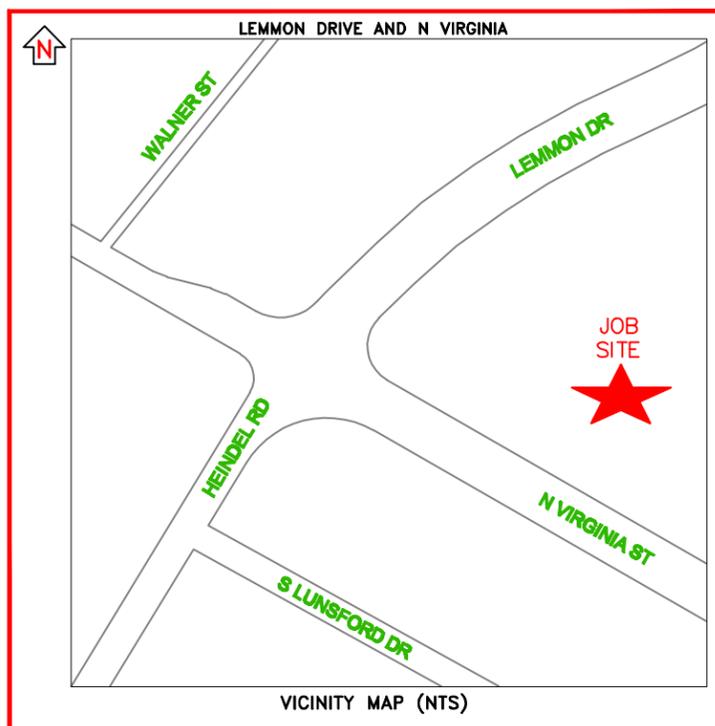
APPLICANT IS RESPONSIBLE FOR MANDRILING CONDUIT AND INSTALLING A PULL LINE THAT MEETS OR EXCEEDS THE FOLLOWING REQUIREMENTS:

- THE PULL LINE WILL BE OF A FLAT DESIGN
- SHALL HAVE A MINIMUM BREAKING STRENGTH OF 400 LBS.
- WILL HAVE SEQUENTIAL FOOTAGE MARKINGS
- EXAMPLES OF PULL LINES THAT MEET THESE REQUIREMENTS (SPPC STK.#85-7305)
- NEPTCO "MULE TAPE" (WP400P)
- CONDUX INTERNATIONAL (08086203)
- SEE NVE VOLUME 17, SECTION 4-CD0001U.

ALL CONDUIT TO BE A MINIMUM DB120 PVC GRAY BELOW GROUND.

ALL TRENCHING AND BACK FILL PER APPLICABLE NVE STDS. TE-0001, TE-0003, TE-0004 AND TE-0020.

METER MUST BE LOCATED WITHIN 10 FEET OF THE FRONT CORNER OF BUILDING AS STIPULATED IN NVE STD. US0001M. SERVICE METER MUST NOT BE FENCED.



THIS MAP ILLUSTRATES DATA COLLECTED FROM VARIOUS SOURCES AND MAY NOT REPRESENT A SURVEY OF THE PREMISES. NO RESPONSIBILITY IS ASSUMED AS TO THE SUFFICIENCY OR ACCURACY OF THE DATA DISPLAYED HEREON.

ALL WORK SHALL BE ACCOMPLISHED IN STRICT ACCORDANCE WITH THE SPECIFICATIONS SET FORTH IN THE ELECTRIC DISTRIBUTION GUIDE, VOL. 17 AS CURRENTLY ADOPTED BY NVE. THE CONTRACTOR SHALL SECURE COPIES OF THE AFOREMENTIONED CONSTRUCTION SPECIFICATIONS ON HIS OR HER OWN BEHALF.

ALL MATERIAL SHALL BE ON THE JOB SITE PRIOR TO THE START OF ANY WORK BY NVE.

REFER TO NVE STDS. US0001M FOR FURTHER CLARIFICATION OF DETAILS.

COMPACTION TESTS REQUIRED PER NVE STD. SUB01X.

CALL NVE INSPECTION REQUEST LINE (888/999-1556) 48 HOURS PRIOR TO START OF ALL OVERHEAD OR UNDERGROUND CONSTRUCTION.

(INCLUDE PROJECT NUMBER, YOUR NAME AND PHONE NUMBER, AND TYPE OF INSPECTION REQUIRED)

DRAWING	DESIGNED BY	DATE
BASE	RYAN HAWKINS	10-1-2015
ELECTRIC	RYAN HAWKINS	10-1-2015
GAS		
STREETLIGHT		

REVIEWED BY:		
Utility Designer	Engineer	Design Facilitator

NO.	REVISION	DESCRIPTIONS	DATE	DI
1				
2				
3				
4				
5				
6				
7				

CALL BEFORE YOU DO OVERHEAD

Call 811

CALL BEFORE YOU DIG

CALL 1-702-227-2929

NV Energy.

P.O. Box 10100
R77CSE
Reno, NV 89520-0024

NV ENERGY CONTACT INFORMATION:

COORDINATOR: Hawkins, Ryan

OFFICE: # (775)834-7215

CELL: # 775-636-5267

FAX: # 775-834-7808

EMAIL: RHawkins@nvenergy.com

DESIGNER: Hawkins, Ryan

INSPECTION HOTLINE: # 888/999-1556

CUSTOMER CONTACT INFORMATION:

CUSTOMER: JUAN ESPARZA /TMWA

ATTENTION: JUAN ESPARZA

PHONE: # 775-834-8041

FAX: #

EMAIL: JESPARZA@TMWA.COM

CUST REP: #

PHONE: #

EMAIL: #

TOWNSHIP-RANGE-SECTION 2019-16	APN# 57008109
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SOURCE INFORMATION

258-O/H-1.1
25KV NORM OUT OF SILVER LAKE
SUB

**E-N. VIRGINIA
ST-FORMAL-E-TRUCKEE
MEADOWS WATER AUTHORITY**

EXHIBIT "A" APPLICANT INSTALLED CONDUIT ELECTRIC DESIGN	AUD#: 3001257144	GAS#: 3001257144	STL#: 3001257144	ELE#: 3001257144
SCALE: 1:50				
SHEET#: E-1				