# CARSON CITY PURCHASING AND CONTRACTS 201 North Carson Street, Suite 3 Carson City, NV 89701 775-283-7137/FAX 887-2107

#### http://www.carson.org/index.aspx?page=998

## NOTICE TO CONTRACTORS BID #1314-175 East West Water Transmission Main Project - Ph. 2A-1 PWP # CC-2014-180

April 30, 2014

Addendum No. 1

Please make the following additions/changes/clarifications to the above referenced project:

- 1. At Section B.1 BIDDING PROCEDURES of INSTRUCTIONS TO BIDDERS, at Part L Bidders Preference, please note that "preference for certain bidders" does not apply on this project.
- 2. Include Technical Specification Document No. 9006 SOD (4/22/14)
- 3. Include Technical Specification Document No. 9007 TREE PROTECTION/ ROOT PRUNING (4/22/14)
- 4. Include Technical Specification Document No. 9005 Stabilized Soil (4/22/14)
- 5. Include Tech Specs 2024 Horizontal Directional Drilling (4/23/14)
- 6. Note for 2 Inch Caliper Trees (BP.32), the types of trees shall be as follows:
  - 2 Hackberry / Celtis occidentalis
  - 1 Sunburst Honeylocust / Gleditsia triacanthos 'Suncole'
  - 1 Bloodgood London Planetree / Platanus x acerifolia 'Bloodgood'
  - 2 Frontier Elm / Ulmus 'Frontier'
  - 1 Prospector Elm / Ulmus wilsoniana 'Prospector'
  - 1 Frisia Locust / Robinia pseudoacacia 'Frisia'
  - 1 Autumn Gold Ginkgo / Ginkgo biloba 'Autumn Gold'
  - 1 Shangri-la Ginkgo / Ginkgo biloba 'Shangri-la'
- 7. Revise all pavement patch bid items and the speed bump bid item (BP.22, BP.23, and BP.24) to use Type 3 Aggregate.

- 8. Revise the Saliman Rd. 1 1/2" Mill & Overlay (BP.25) bid item to use Type 3 Aggregate.
- 9. At Section 7.0 of the Special Conditions, replace GC 7.5 PROJECT SIGN in its entirety with the following: text:

#### **GC 7.5 Project Signs**

The Contractor shall provide, install and maintain for the duration of the project one (1) project sign. The sign shall be installed within fifteen (15) days of the Notice to Proceed and shall be installed where directed by the Construction Manager. The project sign shall conform to the requirements listed in Addendum No. 1. Payment for the project sign shall be included in Mobilization, Demobilization and Cleanup (BP.1).

- Insert Technical Specification Document No. 9006 SOD (4/22/14)
- Insert Technical Specification Document No. 9007 TREE PROTECTION/ ROOT PRUNING (4/22/14)
- Insert Technical Specification Document No. 9005 Stabilized Soil (4/22/14)
- Insert Tech Specs 2024 Horizontal Directional Drilling (4/23/14
- Insert CONST-SIGN-SRF.pdf

#### 10. SC 6.2.22 Install AC Pavement Speed Bump (BP.22)

A. Work under these bid items shall conform to the requirements of Section 200 "AGGREGATES", Section 201, "BITUMINOUS MATERIALS", Section 320, "PLANTMIX BITUMINOUS PAVEMENTS" and Section 316, "TACK COAT," of the City Standard Specifications and other applicable Technical Specifications. The Bituminous material shall be PG 64-22. Aggregate shall be Type 3. The mix shall include 1.5% hydrated lime.

Work under this item also includes Tack Coat application to existing or previously paved surfaces as required or directed by the Construction Manager. The Bituminous material for the Tack Coat shall be SS-1H, applied at a rate of 0.05 to 0.10 English gallons per square yard with the actual application rate determined by the Construction Manager at time of application.

- B. Measurement for this bid item will be per lineal foot, compacted in place as shown on the drawings or as directed by the Construction Manager.
- C. Payment for this item will be made at the unit price named in the Proposal Summary, which price shall constitute full compensation

for furnishing and installing bituminous pavement, base, tack coat where required and all other labor, tools, equipment, materials and incidentals required to perform the work.

### 11. SC 6.2.23 Washington St. Permanent Pavement Patch (3"ac/6"ab) (BP.23)

A. Work under this bid item shall conform to the requirements of Section 302, SUBGRADE PREPARATION, Section 305, "TRENCH EXCAVATION AND BACKFILL," Section 200 "AGGREGATES", Section 201, "BITUMINOUS MATERIALS", Section 308, "AGGREGATE BASE COURSES," Section 317, "SEAL COATS (FOG SEAL, SAND SEALS, AND CHIP SEALS)," and Section 320, "PLANTMIX BITUMINOUS PAVEMENT" of the City Standard Specifications and applicable Technical Specifications. The Bituminous material for the Plantmix shall be PG 64-22. Aggregate shall be Type 3. The mix shall include 1.5% hydrated lime.

This work will include furnishing, placing and compaction of the aggregate base, plantmix bituminous pavement, and fog seal as required for all street cuts and other excavations.

- B. Measurement of this bid item will be per square foot.
- C. Payment for installing this item will be made at the lump sum or unit price named in the Proposal Summary, which price shall constitute full compensation for additional sawcutting as required, existing pavement and base removal for trench patch construction, subgrade preparation, furnishing and installing aggregate base, bituminous pavement and fog seal, and all other labor, tools, equipment, materials and incidentals required to perform the work.

### 12. SC 6.2.24 Saliman Rd. Permanent Pavement Patch (6"ac/9"ab) (BP.24)

A. Work under this bid item shall conform to the requirements of Section 302, SUBGRADE PREPARATION, Section 305, "TRENCH EXCAVATION AND BACKFILL," Section 200 "AGGREGATES", Section 201, "BITUMINOUS MATERIALS", Section 308, "AGGREGATE BASE COURSES," Section 317, "SEAL COATS (FOG SEAL, SAND SEALS, AND CHIP SEALS)," and Section 320, "PLANTMIX BITUMINOUS PAVEMENT" of the City Standard Specifications and applicable Technical Specifications. The Bituminous material for the Plantmix shall be PG 64-22. Aggregate shall be Type 3. The mix shall include 1.5% hydrated lime.

B. Measurement for this bid item will be per square foot, compacted in place as shown on the drawings or as directed by the Construction Manager.

Areas will be measured one time only, without consideration of number of lifts involved. No measurement will be made for aggregate base.

C. Payment for installing this item will be made at the lump sum or unit price named in the Proposal Summary, which price shall constitute full compensation for additional sawcutting as required, existing pavement and base removal for trench patch construction, subgrade preparation, furnishing and installing aggregate base, bituminous pavement and fog seal, and all other labor, tools, equipment, materials and incidentals required to perform the work.

#### 13. SC 6.2.25 Saliman Rd. 1 1/2" Mill & Overlay (BP.25)

- A. Work under this bid item shall conform to Section 202, "REMOVAL OF STRUCTURES AND OBSTRUCTIONS", of the NDOT Standard Specifications. Attention is called to Section 202.03.03 of that Section. Section 201, "BITUMINOUS MATERIALS", Section 320, "PLANTMIX BITUMINOUS PAVEMENTS" and Section 316, "TACK COAT," of the City Standard Specifications and other applicable Technical Specifications. The Bituminous material shall be PG 64-28 NV. Aggregate shall be Type 3. The mix shall include 1.5% hydrated lime.
- B. Measurement of this item will be per square foot.
- C. Payment for this item will be made at the unit price named in the Proposal Summary, which price shall constitute full compensation for all necessary for all necessary cold milling, material removal and transport of grindings to the designated City stockpile location, furnishing and installing bituminous pavement, tack coat where required and all other labor, tools, equipment, materials and incidentals required to perform the work.
- 11. The following are based on Request For Information items received by April 29, 2014:
  - 1. Please confirm that 304 stainless steel bolts, nuts and washers are required for all buried and submerged service for this project?

304 stainless steel bolts, nuts and washers are required for all buried and submerged work as specified on the standard details and shown on the plans.

2. Can you please clarify the following:

Sheet C6, station 72+83.3: Calls for (2) 24" Butterfly Valves. Only (1) is shown. If (2) are required, it pushes Bid Item BP.4 over by (1). Please clarify.

Just one butterfly valve is required at station 72+83.3.

*Please clarify the following:* 

Bid Item BP.8, Calls for a quantity of 4 each. There are 5 each on the plans:

Please see revised Bid Proposal attached.

4. The bid item for the BP. 21 and its description states the 4" asphalt paving on 9" aggregate base but the plans state 4" asphalt on 5" pulverized base. Can you please clarify which one is correct since there is a large price difference?

The bid item description is correct. Use 4" asphalt paving on 9" aggregate base.

5. Are we to replace the irrigation system for the sod and trees? I would assume yes but no irrigation plan has been included. Do you provide a design or an asbuilt drawing?

The contractor is required to repair any damage caused to the irrigation system in Mills Park. The cost of those repairs is included in the other items of work pursuant to SC 6.1 General. The Carson City Parks Department will endeavor to mark the irrigation lines during construction. No new irrigation is required for the ten new trees. Those trees will be watered by the spray irrigation system in the park.

6. There is no bid item for the small amount of 12" pipe that is in Robinson & Roop intersection, are we to include in another bid item?

The entire assembly shown in the detail on Sheet C1 is included in the other items of work pursuant to SC 6.1 General.

7. Will there be water in the 48" culverts on Mills Park, if so can it be diverted or shut off?

The 48" culverts are part of the City's storm drain system. They are generally empty, but water may be present in the culverts during and after storm events.

End of Addendum 1

#### Document No. 9006 SOD (4/22/14)

#### 1. SCOPE:

1.1 The work to be done under this Section consists of furnishing all labor, equipment, materials, supplies and incidentals necessary for installation of sod.

#### 2. PREPARATION OF ROUGH GRADE

- 2.1 The contractor shall not compact the top 18" of the area to be sodded by any mechanical method or means unless prior approval is granted by the City. The contractor may use a weighted hand-pulled roller or water settling prior to installing sod to achieve the necessary compaction needed to fill voids and avoid settling.
- 2.2 Scarify by ripping, discing, harrowing, or tilling and turning the soil over in all areas to be sodded to a 6"-8" depth. Remove any roots, large rocks, and debris that have been exposed or brought to the surface.
- 2.3 Topdress all areas to be sodded with a minimum of 2" of imported topsoil and incorporate 4"-6" into the soil profile by ripping or tilling. Use Nevada Organics Premium Topsoil Mix or an approved equal.
- 2.4 The completion of the rough grade shall be inspected and approved by the City prior to preparing the site for sodding.

#### 3. PREPARATION FOR SODDING

- 3.1 All areas shall be hand raked smooth to blend with the existing surrounding grade and contours. Remove any rocks 1" or more in diameter, roots, grasses, weeds, debris, or any other foreign material.
- 3.2 Remove any surplus soil and debris from the site.
- 3.3 The completion of the preparation for sodding shall be inspected and approved by the City prior to the installation of sod.

#### 4. SOD SPECIFICATIONS/ INSTALLATION

- 4.1 Sod shall be the "big roll" type to minimize seams on the project. The single rolls shall be no less than fifty feet (50') in length and eighteen inches (18") in width.
- 4.2 Sod shall be comprised of 80% bluegrass and 20% perennial ryegrass obtained from a Northern Nevada grower. No fescue is allowed.
- 4.3 Just prior to laying down sod apply a granular starter fertilizer. Use BEST 6-24-24 XB+ High Performance Starter Winterizer Fertilizer or approved equal. Apply at a rate of 15 pounds per 1,000 square feet (650 pounds per acre).
- 4.4 The contractor is solely responsible for establishing the newly installed sod and keeping it irrigated, healthy, and thriving until final acceptance of the entire project. The City will make every effort to utilize the park's irrigation system to assist with this, unless the system is inoperable or compromised as a result of the work performed on the project by the contractor.
- 4.5 The contractor shall give the City a minimum of forty-eight (48) hours notice prior to installing sod. This is critical due to the heavy equipment used by the vendors to install the large sod rolls. The contractor is responsible for any and all damages incurred at the site during the course of installing the sod.
- 4.6 On completion of installing the sod the City will inspect the work. Any portion of the work not approved must be rectified by the contractor within twenty-four (24) hours of notification by the City.

#### Document No. 9007 TREE PROTECTION/ ROOT PRUNING (4/22/14)

#### 1. SCOPE:

1.1 The work to be done under this Section consists of furnishing all labor, equipment, materials, supplies and incidentals necessary protection of trees and root pruning.

#### 2. TREE PROTECTION/ ROOT PRUNING

- 2.1 The contractor shall protect and preserve all remaining and existing trees not being removed as a part of the project.
- 2.2 No parking of vehicles or equipment, or storage of any materials is allowed within 5' outside of the drip line of any tree on the project.
- 2.3 In the event a tree root is exposed, damaged or cut during the course of the project all exposed roots 1" or greater in diameter will be required to be root pruned the same day. Once exposed, the roots will need to be kept cool, moist, and covered from sunlight with damp tarps until they are properly pruned and the area is backfilled.
- 2.4 Keep as far away from the host tree as possible to minimize stress and ensure survival of the tree.
- 2.5 A clean, sharp saw must be used for all root pruning. Disinfect all pruning saws and tools after each day's use.
- 2.6 A City Inspector shall be present during all root pruning operations.
- 2.7 Any debris and roots pruned off must be removed and hauled away by the contractor. No burying of the pruned off tree roots is permitted

#### Document No. 9005 Stabilized Soil (4/22/14)

#### 1. SCOPE:

1.1 The work to be done under this Section consists of furnishing all labor, equipment, materials, supplies and incidentals necessary for construction of stabilized soil areas.

#### 2. RELATED SECTIONS

2.1 Technical Specifications Tech Specs 1008 Earthwork

#### 3. PRODUCTS

#### 3.1 Stabilizer Binder

Stabilizer Binder shall be a, non-toxic, organic binder that is a colorless and odorless concentrated powder that binds decomposed granite or crushed 3/8" or 1/4" minus aggregate. Stabilizer for crushed aggregate surfaces provided by the following manufacturer (or approved equal):

Stabilizer Solutions, Inc. 33 South 28th St., Phoenix, AZ 85034; phone (602) 225-5900,(800) 336-2468; fax (602) 225-5902; website stabilizersolutions.com; email <a href="mailto:info@stabilizersolutions.com">info@stabilizersolutions.com</a>

#### 3.2 Aggregate

Sand and crushed stone shall consist of inert materials that are hard and durable, with stone free from surface coatings and deleterious materials. Gradation requirements shall be as follows:

Sieve Size	Percent Passing by Weight				
3/8 inch	100				
No. 4	90-100				
No.8	75-80				
No.16	55-65				
No.30	40-50				
No.50	25-35				
No.100	15-20				
No.200	10-15				

#### 4. SUBMITTALS

- 4.1 Stabilizer Product
- 4.2 Product Data: For each product specified. Submit a 5 lb. sample and sieve analysis for grading of decomposed granite or crushed 3/8" or 1/4" minus aggregate to be sent to manufacturer prior to any construction (allow 2 week turn around). Must be approved by Construction Manager.

#### 5. WARRANTY

5.1 Special Warranty: Submit a written warranty executed by the contractor agreeing to repair or replace components of stabilized surfacing that fail in materials or workmanship within the specified warranty period.

Failures include, but are not limited to, the following:

- 1. Premature wear and tear, provided the material is maintained in accordance with manufacturer's written maintenance instructions.
- Failure of system to meet performance requirements.
- 5.2 Warranty Period: Contractor shall warranty installation of product for the time of one year from completion. The special warranty specified in this document shall not deprive the Owner of other rights the Owner may have under other provisions of the Contract Documents and shall be in addition to, and run concurrent with, other warranties made by the Contractor under requirements of the Contract Documents.
- 5.3 Contractor shall provide, for a period of sixty days, unconditional maintenance and repairs as required.

#### 6. EXECUTION

#### 6.1 BLENDING STABILIZER

Scarify area to be treated to a minimum depth of 4" (inches) deep. Blend 12 to 16-lbs (call manufacturer for exact blend) of Stabilizer per 1-ton of decomposed granite or crushed 3/8" or 1/4" minus aggregate screenings. It is critical that Stabilizer be thoroughly and uniformly mixed throughout decomposed granite or crushed 3/8" or 1/4" minus aggregate screenings. Bucket blending is not acceptable. Blending with a rake and or shovel is not acceptable. Blend material dry as water will make the material hard.

#### **6.2 PLACEMENT**

After pre-blending, place the Stabilized decomposed aggregate or 3/8" or 1/4." crushed aggregate screenings on prepared sub-grade. Level to desired grade and cross section.

#### 6.3 WATERING

Water heavily to achieve full-depth moisture penetration into the stabilized section. Water activates Stabilizer. To achieve saturation of Stabilized roadway profile, 25 to 45-gallons of water per 1-ton must be applied. During water application randomly test for depth using a probing device.

#### 6.4 COMPACTION

- 6.5 Upon thorough moisture penetration, compact aggregate screenings to 85% relative compaction by equipment such as; a 2 to 4-ton double drum roller or a 1,000-lb. single drum roller. The roller size will depend on the depth of the pathway. DO NOT use a vibratory plate compactor or vibration function on roller as vibration separates large aggregate particles. Do not begin compaction for 6 hours after placement and complete compaction within 48 hours.
- 6.6 If pumping or pancaking of surface occurs, surface is still too wet to roll.
- 6.7 If surface aggregate dries significantly quicker than subsurface material, lightly mist surface before compaction.
- 6.8 Take care in compacting decomposed granite or crushed 3/8" or 1/4" minus aggregate screenings when adjacent to planting and irrigation systems. Hand tamping with 8" or 10" hand tamp recommended

#### 7. INSPECTION

7.1 Finished surface shall be smooth, uniform and solid. There shall be no evidence of chipping or cracking. Cured and compacted pathway shall be firm throughout profile with no spongy areas. Loose material will not be present on the surface after installation, but may appear after use and according to environmental conditions. Roadway should remain stable underneath the loose granite on top. It is a "natural" looking roadway, yet stable throughout. Any significant irregularities in roadway surface shall be repaired to the uniformity of entire installation.

#### 8. MAINTENANCE

8.1 Remove debris, such as paper, grass clippings, leaves or other organic material by mechanically blowing or hand raking the surface as needed. Any plowing program required during winter months shall involve the use of a rubber baffle on the plow blade or wheels on the plow that lifts the blade 1/4" off the paving surface.

- 8.2 During the first year, a minor amount of loose aggregate will appear on the paving surface (1/16" to 1/4"). If this material exceeds a 1/4", redistribute the material over the entire surface. Water thoroughly to the depth of 1". Compact with power roller of no less than 1000 lbs. This process should be repeated as needed.
- 8.3 If cracking occurs, simply sweep fines into the cracks, water thoroughly and hand tamp with an 8" 10" hand tamp plate.

#### 9. REPAIRS

- 9.1 Excavate damaged area to the depth of the Stabilized aggregate and square off sidewalls.
- 9.2 If area is dry, moisten damaged portion lightly.
- 9.3 Pre-bend the dry required amount of Stabilizer powder with the proper amount of aggregate in a concrete mixer.
- 9.4 Add water to the pre-blended aggregate and Stabilizer. Thoroughly moisten mix with 25 to 45 gallons per 1-ton of pre-blended material or to approximately 10% moisture content.
- 9.5 Apply moistened pre-blended aggregate to excavated area to finish grade.
- 9.6 Compact with an 8" to 10" hand tamp or 250 to 300 pound roller. Keep traffic off areas for 12 to 48 hours after repair has been completed.

#### 10. EXCESS MATERIALS

10.1 Provide owner's authorized rep. with the following excess materials for use in future Stabilized Aggregate repair: 40 to 50 lb. Bags of the Stabilized Aggregate blended with proper amount of Stabilizer.

#### Document No. 2024 HORIZONTAL DIRECTIONAL DRILLING (4/23/14)

#### 1. SCOPE:

- 1.1. The work to be done under this Section consists of furnishing all labor, equipment, materials, supplies and incidentals necessary for installation pressure pipe by horizontal directional drilling also commonly called directional boring.
- 1.2. This Section includes horizontal directional drilling, to install pressure pipe including the following:
  - 1. Pilot Hole
  - 2. Ream and Pull Back
  - Drilling Fluids
  - 4. Environmental Provisions

#### 2. RELATED SECTIONS

2.1. Sections 2001 through 2023, as applicable, of the Technical Specifications and other applicable Technical Specifications.

#### 3. SUBMITTALS

- 3.1. As-Built of Pilot Hole
- 3.2. Log of Pull Back Forces
- 3.3. Informational Submittals: As follows:
  - 3.3.1. Installation plan including the following:
  - 3.3.2. Location and size of drilling and receiving pits
  - 3.3.3. Method of Dewatering
  - 3.3.4. Proposed equipment
  - 3.3.5. Method of removing spoils materials
  - 3.3.6. Drilling plan including types of drilling fluids, cleaning and recycling equipment estimated flow rates, and procedures for minimizing drilling fluid escape.
  - 3.3.7. Survey plan to track and locate pilot hole.

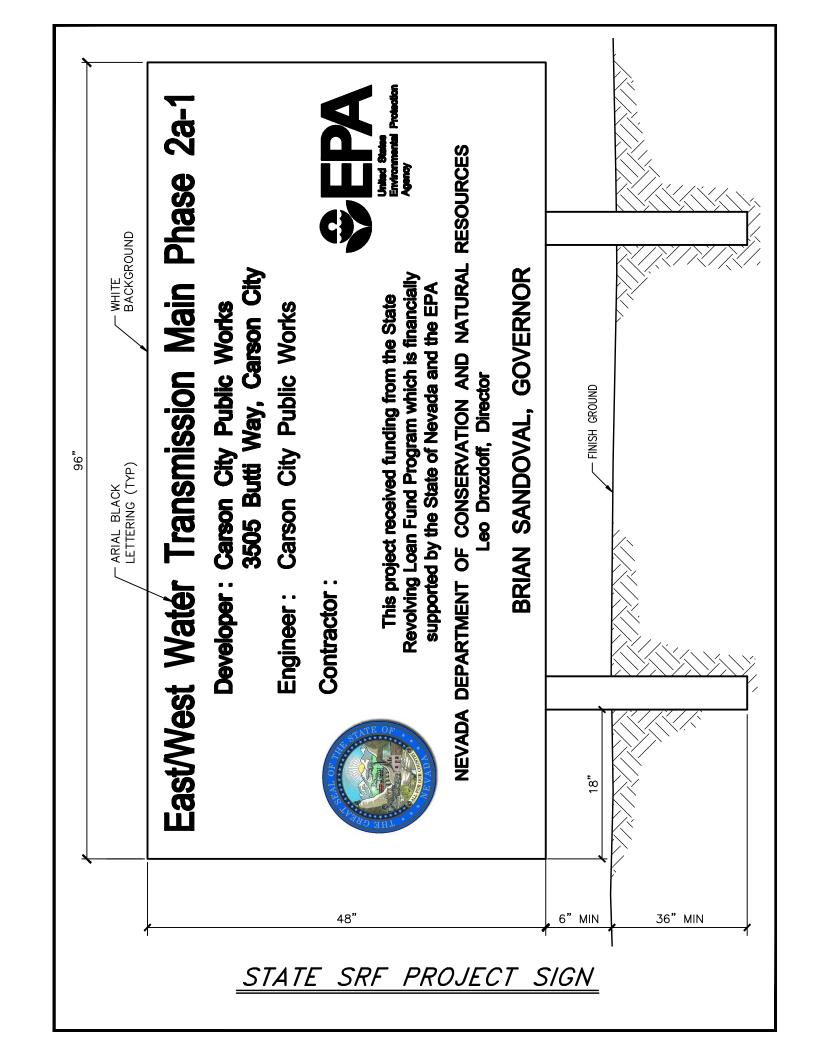
#### 4. EXECUTION

- 4.1. PILOT HOLE: Monitor the position of the drill string with downhole drill guidance system as the pilot bore advances. Provide and maintain instrumentation to locate the pilot hole and measure drilling fluid flow and pressure. Alignment Tolerances for the Pilot hole shall be plus/minus 3.0-feet horizontally and 1.0-feet vertically from the alignment identified on the Drawings unless otherwise approved by the CONSTRUCTION MANAGER or as allowed by these Specifications. CONTRACTOR shall ensure that the minimum depth of cover as identified on the Drawings is maintained by the proposed pipeline, and may construct the pipe line to a depth greater than that as shown on the Drawings provided that a positive gradient is maintained on the pipeline at all times and that no "crest" or "high-points" are created in the pipeline alignment.
- 4.2. AS-BUILT SURVEY: Determine the actual horizontal and vertical alignment of the pilot bore at intervals not exceeding 25 feet. Submit a complete set of as-built drawings showing all bores (successful and failed) within 30 calendar days of completing the work. The drawings shall show the appropriate elevations and be referenced to the project benchmark and datum. Include bore notes on the as-built drawing stating the final bore diameter, product diameter, drilling fluid composition, composition of any other material used to fill the annular void between the bore path and the product.
- 4.3. REAM AND PULL BACK:

- 4.3.1. Reaming: Ream the pilot hole upon completion of the pilot bore. The number and size of the reaming operations shall be at the discretion of the CONTRACTOR.
- 4.3.2. Pulling Loads: Continuously measure and record the force exerted on the pipe during pull back of the pipe using a load sensor between the pulling equipment and the pipe. Limit the pull back force to the maximum allowed by the pipe manufacturer. Control the pull applied to the pipe by devices such as hydraulic pressure regulator and a load sensor between the pulling equipment and the pipe.
- 4.3.3. Torsion and Stresses: Install a swivel to connect the pipe to the drill pipe during pull back.
- 4.3.4. Pipeline Support: Support pipe with rollers and side boom during pull back.
- 4.3.5. Tracer Wire: Install a minimum of two separate continuous tracer wires along with pipe. Tracer wires shall be located on opposite sides of the pipe. Connect any break in the conductor lines with an electrical clamp of solder, and coat the connection with a rubber or plastic insulator to maintain the integrity of the connection from corrosion. Clamp connections must be made of brass or copper and of the butt end type with wires secured by compression. Soldered connections shall be made by tight spiral winding of each wire around the other with a finished length of three (3) inches minimum.
- 4.3.6. Pipe Cleaning: Upon completion of pull back operations, clean pipe with cleaning pigs to remove residual water, drilling fluids, and debris.
- 4.4. DRILLING FLUIDS: Use drilling fluids that comply with all environmental regulations. Provide written certification that all chemicals and materials to be added are environmentally safe and not corrosive to the installation. Make provisions for handling drilling fluids and cuttings at entry and exit pits. Do not discharge drilling fluids into waterways. Maintain a closed loop drilling fluid system. Dispose of excess drilling fluids at a permitted location. Monitor drilling fluid pumping rate, pressures, viscosity and density during pilot hole bore, back reaming and pipe installation.
- 4.5. COMPLETION OF INSTALLATION: Upon completion of work, backfill entry and exit pits, re vegetate disturbed areas and clean site as shown on drawings.
- 4.6. FAILED BORE PATH: Remove materials installed in a failed bore path. Fill all voids by injecting all annular space with excavatable flowable fill. Submit a revised plan to the ENGINEER for approval before resuming work at another location.

#### 4.7. FIELD QUALITY CONTROL:

- 4.7.1. As Built Survey: At completion of pilot hole drilling, provide a tabulation of the coordinates referenced to the drilled entry point, which accurately describes the location of the pilot hole and deviation from horizontal and vertical alignment shown on the drawings.
- 4.7.2. Pressure Test: Conduct pressure test in accordance with the Technical Specifications, replace leaking pipe using new materials, and repeat testing until leakage is within allowed tolerances.



#### PART ONE - GENERAL

- 1.01 DESCRIPTION:
  - A. Work included: Furnish, install and maintain project identification sign.
- 1.02 QUALITY ASSURANCE:
  - A. Allow no other signs to be displayed.
  - B. Layout of sign to be approved by Construction Manager prior to fabrication.

#### PART TWO - PRODUCTS

- 2.01 PROJECT IDENTIFICATION SIGN:
  - A. Contents:
    - 1. Title of Project
    - 2. Name of Sponser/Developer Sponser/Developer Address
    - 3. Name of Architect or Engineer
    - 4. Prime Contractor
  - B. The graphic design shall be as indicated in the drawing following this section.
  - C. Structure and Framing: May be new or used, 4"x4" posts in sound condition, structurally adequate to work and suitable for specified finish.
  - D. Sign Surfaces: 3/4" exterior type, Grade A-B Douglas Fir Plywood; 8 feet wide and 4 feet high.
  - E. Finishes: Adequate to resist weathering and fading for the scheduled construction period.

#### PART THREE - EXECUTION

- 3.01 INSTALLATION:
  - A. Install the sign posts utilizing direct burial to a depth adequate to support the sign in a stable condition throughout the construction period (3 feet minimum).
- 3.02 PROTECTION AND CLEANING:
  - A. Maintain the sign and supports in a neat, clean condition. Repair damages to structure, framing or sign as required.
  - B. Remove the signs, framing and supports at the completion of the project. Patch and repair the surrounding conditions as required when the sign is removed.

#### **BID PROPOSAL**

BID # 1314-175

BID TITLE: "East West Water Transmission Main Project – Ph. 2A-1"

NOTICE:

No substitution or revision to this Bid Proposal form will be accepted. Carson City will reject any Bid that is received that has changes or alterations to this document. Although the Prevailing Wages are provided in this bid document, the bidder is responsible to verify with the Labor Commissioner if any addendums have been issued. The successful bidder will be required to provide the current Prevailing Wages used in preparation of their bid within 24 hours of bid submission.

**PRICES** will be valid for sixty (60) calendar days after the bid opening which is indicated in the Notice to Contractors.

**COMPLETION** of this project is expected **PURSUANT TO THE BID DOCUMENTS**.

**BIDDER** acknowledges receipt of \_\_\_\_\_ Addendums.

#### **SUMMARY**

	Description	Scheduled Value	Unit	Unit Price	Total Price			
Schedule A:								
BP. 1	MOBILIZATION, DEMOBILIZATION AND CLEAN-UP	1	LS					
BP. 2	24" PVC C905, DR-25, 165 PSI Water Main - Fusible	1,430	LF					
BP. 3	24" PVC C905, DR-25, 165 PSI Water Main - Bell & Spigot	2,340	LF					
BP. 4	24" Butterfly Valve	4	EA					
BP. 5	6" C900 Water Line	80	LF					
BP. 6	Install Fire Hydrant Assembly	1	EA					
BP. 7	Install Flush Valve Assembly	1	EA					
BP. 8	Install 2" Air Release Valve Assembly & Appurtenances	5	EA					
BP. 9	Install 4" SCH 40 PVC Fiber Optic Conduit w/ Pull String	11,400	LF					
BP.10	Install No. 9 Pull Box, Traffic Rated w/ Bolt Down Steel Cover	5	EA					
BP.11	Install 40" x36" Round "New Basis" Fiberglass/Polymer Concrete Fiber Optic Pull Box	2	EA					
BP.12	Construct Reinforced Concrete Headwall (10cy)	1	EA					
BP.13	Install Type 4R Curb Inlet	2	EA					
BP.14	Install 15" RCP Class IV Storm Drain	24	LF					
BP.15	Remove & Reconstruct 8" Wide Concrete Retaining Curb for Tree Ring and Volleyball Court Area.	190	LF					
BP.16	Remove & Reconstruct Type 1 Curb & Gutter	830	LF					
BP.17	Remove & Reconstruct PCC Sidewalk	7,020	SF					
BP.18	Construct Curb Ramps	1,290	SF					
BP.19	Remove & Reconstruct PCC Driveway	612	SF					
BP.20	Construct PCC Valley Gutter (4' Wide)	1,585	SF					
BP.21	4" Plantmix Bituminous Pavement Type 2 Aggregate, PG 64-28 NV w/ 9" Type 2 Agg	114,780	SF					

### **BID PROPOSAL**

	Base			
BP.22	Install AC Pavement Speed Bump	346	LF	
BP.23	Washington St. Permanent Pavement Patch (3"ac/6"ab)	1,140	SF	
BP.24	Saliman Rd. Permanent Pavement Patch (6"ac/9"ab)	2,520	SF	
BP.25	Saliman Rd. 1 1/2" Mill & Overlay	7,100	SF	
BP.26	Adjust Water Valve Box to Grade	3	EA	
BP.27	Waterborne Paint	1	LS	
BP.28	Install Sign & Post	12	EA	
BP.29	Install Concrete Parking Curbs	12	EA	
BP.30	DG Roadway Restoration with Stabilizer	4,980	SF	
BP.31	Sod Replacement (Includes soil preparation)	37,760	SF	
BP.32	2 Inch Caliper Trees	10	EA	
BP.33	Relocate Picnic Tables	2	EA	
BP. 34	Total Base Bid Price (Schedule A)			

**BP.35** Total Base (Schedule A) Bid Price Written in Words: