

## **ADDENDUM NO. 1**

### **CITY OF ORLAND ORLAND EMERGENCY GROUNDWATER RESOURCE PROJECT - PHASE 2C (UNITS 2 THROUGH 6)**

The purpose of this Addendum No. 1 is to modify the Contract Documents for the above projects. This Addendum shall be attached to and become a part of said Contract Documents. **THIS ADDENDUM SHALL BE SIGNED BY THE BIDDER, DATED AND SUBMITTED WITH THE PROPOSAL FOR THE PROJECT.**

#### **Questions:**

1. Please confirm your engineer's estimate for construction for each phase.

An Engineer's Estimate has not been prepared for Units 2 through 6.

2. In section 11.02 "payment" of section 11.00 "measurement and payment" your attention is directed to sub-section B. Please clarify the final 12 inches of the water service trench, import and spread top soil, groundcover, sod, or other landscaping materials, and replacement and testing of irrigation. Please confirm the 12 inches of trench backfill is topsoil?

The Contractor shall place and compact existing materials that were removed from the trench. A minimum of 3" of top soil shall be imported, placed, and graded, as needed, where grass seed, sod, or plants will be placed or as directed by the Engineer.

3. In section 11.02 "payment" of section 11.00 "measurement and payment" your attention is directed to sub-section C. Please clarify the final 12 inches of the water service trench, with native materials, aggregate base and hot mix asphalt matching the existing conditions. Please confirm the 12 inches of trench backfill is native material and aggregate base? The note in the water service typical trench section calls non expansive soil. Consider eliminating native materials in the trench.

Contractor shall place and compact native materials and aggregate base matching the existing conditions; or, place and compact a minimum of 4-inches of aggregate base over native material, whichever is greater. Outside of paved county roadways, the Contractor shall match the thickness of the existing asphalt paving plus 1-inch.

4. In section 11.02 "payment" of section 11.00 "measurement and payment" your attention is directed to sub-section D. Please clarify the final 12 inches of the water service trench, with native materials, aggregate base and concrete. Please confirm the 12 inches of trench backfill, with native materials, aggregate base and concrete matching the existing conditions? The note in the water service typical trench section calls non expansive soil. Consider eliminating native materials in the trench.

Contractor shall place and compact native material, aggregate base and concrete matching the existing conditions; or, a minimum of 4-inches of concrete over 2-inches of aggregate base over 6-inches of native materials, whichever is greater.

5. In section 11.02 "payment" of section 11.00 "measurement and payment" your attention is directed to sub-section E. Please clarify the final 12 inches of the water service trench, with native materials and gravel. Please confirm the 12 inches of trench backfill with native materials and gravel. The note in the water service typical trench section calls non expansive soil. Consider eliminating native materials in the trench.

Contractor shall place and compact native material and a minimum of 4-inches of aggregate base or other gravel type matching the existing conditions.

6. Your attention is directed to PDF page 95 of all invitation for bids. In water service section 2.09 "water meter" it states, "Will be provided by the City of Orland for installation by the Contractor." It appears as though water meters have been furnished and installed. Please clarify and confirm the contractor installs water meters provided by the City of Orland.

Water meters have already been installed. In the event a water service is added or a meter is not present, the City will provide a water meter for the Contractor to install.

7. Your attention is directed to PDF page 75 of all invitation for bids. Section 3.01 states, "Excavation for conduits shall be by open trench unless otherwise specified or shown on the Plans. Please consider directional drilling installation of services where applicable.

Contractor may use alternate methods including directional drilling, trenching equipment ("Ditch Witch" or similar), or other methods as approved by the Engineer.

8. On drawing sheets 6 there are trench details. The water service typical trench detail shows the width of trench varies but indicates, 2" minimum on each side of the water service pipe outside diameter. In addition, the trench bedding detail that was copied and pasted from the City of Redding standard shows 4" or greater on each side of the pipe. Finally, in the specification PDF page 75 section 3.02 states, "Trenches shall be a minimum of 12 inches wider than the external diameter of the pipe." Please confirm the water service pipe trench width.

See Modifications to the Contract Specifications below.

9. On drawing sheets 6, trench detail 3 shows 4 case details. Can we assume case 1, as all roads are arterials and collectors? In addition, in the specification PDF page 78 section 8.04 states, "Trench and excavation pavement shall be 1 inch greater in thickness than existing pavement." Please confirm the water service pipe trench final pavement thickness/depth. Can we assume 3"?

Detail 3 (Trench Resurfacing Details) shall be used within existing paved county roadways. Outside of paved county roadways, the Contractor shall match the thickness of the existing asphalt paving plus 1-inch.

The City has no information on the existing thickness of existing paved driveways or roadways.

10. Can the prime coat and fog seal be omitted from the paving specification?

See Modifications to the Contract Specifications below.

#### **Modifications to the Contract Specifications:**

1. Revise Section 3.02 of Specification TS 03 to read as follows:

Except where otherwise specifically permitted, banks of open trenches shall be vertical, and shall be of uniform width from top to bottom. ~~Trenches~~ Open trenches shall be a minimum of ~~12-~~ 4 inches wider than the external diameter of the pipe.

Within existing paved county roadways the open trench width shall be the outside pipe diameter plus 8-inches. Outside of paved county roadways the open trench width shall be the outside pipe diameter plus 4-inches.

The maximum width of the trench, measured at the top of the pipe, shall not exceed the width allowed for various strengths of pipe as may be specified elsewhere in the applicable sections of these Specifications.

If no maximum width is elsewhere specified, the width measured at the top of the pipe shall not exceed the external diameter of the pipe, exclusive of bells and collars, plus 24 inches.

2. Revise Section 3.00 of Specification TS 05 to read as follows:

Paint binder shall be applied to all vertical surfaces of existing pavement, curbs, gutters, construction joints and to pavement to be resurfaced. Before placing HMA, apply paint binder in one (1) application. Application rates and procedures shall conform to "Section 39" of the State Standard Specifications.

~~Prime coat shall be applied to all aggregate base surfaces to receive HMA. Apply at least 0.20 gallons of prime coat per square yard of designated area. Do not apply more prime coat than can be absorbed completely by the aggregate base in 24 hours. Before paving, prime coat must cure for 48 hours. Close traffic to areas receiving prime coat. Do not track prime coat onto pavement surfaces beyond the job site.~~

HMA shall be transported, placed, spread and compacted in conformance with the provisions of "Section 39-3" of the State Standard Specifications. HMA shall be spread in one operation with a self-propelled spreader ready for compaction without further shaping.

~~A fog seal coat shall be applied to the finished surface of the asphalt concrete. Paint binder, Grade SS1, shall be applied to the surface of the HMA in conformance with "Section 37-2" of the State Standard Specifications. The application rate shall be 0.05 gallons per square yard. Provisions shall be made by the Contractor, to keep traffic from "tracking" the fresh fog seal until it has cured.~~

The bid opening date and time are not revised by this addendum.

BIDDER:

NAME

ADDRESS

SIGNATURE

DATE

PREPARED BY:

*Paul W. Ralo*

CITY OF ORLAND

DATED: August 8, 2025