

**ADDENDUM NO. 1
TO THE CONTRACT DOCUMENTS**

**CITY OF LA PINE
SIDEWALK AND MULTI-USE PATH IMPROVEMENT PROJECT**

CITY OF LA PINE, OREGON

TO: All Plan Holders
DATE: April 30, 2014

The following changes, additions, and/or deletions are hereby made a part of the Contract Documents for the above mentioned project, bids due May 6, 2014, as fully and completely as if the same were fully set forth therein.

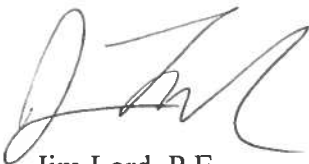
SPECIFICATIONS

Replace the Specifications with the copy attached to this addendum. The revised specifications contain the following changes:

- Section 00640 – Aggregate Base and Shoulders. The following sentence has been deleted: “The quantities of aggregate for concrete structures including but not limited to sidewalks and curbs shall be incidental to those bid items”
- Section 00759 – Miscellaneous Portland Cement Concrete Structures. The following subsection has been deleted: “Aggregate base for concrete items including but not limited to walks and curbs is considered incidental to the appropriate bid items. Provide aggregate base as shown in the plans”

Aggregate base rock will be paid under a separate bid item for both schedules of this project. Aggregate base rock is not incidental to concrete structures.

BIDDERS SHALL ACKNOWLEDGE RECEIPT OF THIS ADDENDUM IN THE SPACE PROVIDED IN THE PROPOSAL. BIDS SUBMITTED WITHOUT ACKNOWLEDGEMENT OF THIS ADDENDUM IN THE PROPOSAL WILL BE CONSIDERED IRREGULAR.



Jim Lord, P.E.

Project Engineer

SPECIFICATIONS (REVISED)
April, 2014

PROJECT NAME: City of La Pine Sidewalk and Multi-Use Path Improvement Project

GENERAL SPECIFICATIONS:

Contractor shall obtain and follow all applicable Federal, State, County, City or other local permits regulations applicable to this work and contract. Contractor shall comply with all Federal, State, and local laws, codes, regulations and ordinances and perform all work in accordance with those building, environmental, OR-OSHA, or other applicable codes, rules and laws. Failure to comply with such requirements shall constitute a breach of Contract and shall be grounds for Contract termination.

All workmanship and materials shall be of the highest quality for the industry standard. Poor quality workmanship shall be just cause for rejection and shall be replaced including all labor and/or equipment at no additional cost to the City.

The contractor shall warrant all workmanship and construction for a period of one year from completion and final acceptance of the building project. The Contractor shall provide the Project Manager with copies of all product warranty information for materials used in the project. Work done under this contract shall proceed uninterrupted from the time Contractor mobilizes on site until completion. Contractor shall not stop progress of the work for any reason without the express written consent of the City. Contractor shall be responsible to maintain a clean and safe work area at all times. Contractor shall clean up and dispose of trash, debris, and left over material to the satisfaction of the City Project Manager or Inspector.

2008 OREGON STANDARD SPECIFICATIONS

This project will use the **2008 edition of the Oregon Standard Specifications for Construction** to provide detailed standard specifications on several items of work. Comply with the following standards as outlined below:

http://www.oregon.gov/ODOT/HWY/SPECS/standard_specifications.shtml#2008_Standard_Specifications

SECTION 00210 - MOBILIZATION

Comply with Section 00210 of the Standard Specifications.

SECTION 00225 – WORK ZONE TRAFFIC CONTROL

Comply with Section 00225 of the Standard Specifications.

SECTION 00280 - EROSION AND SEDIMENT CONTROL

Comply with Section 00280 of the Standard Specifications

SECTION 00305 - CONSTRUCTION SURVEY WORK

Section 00305, which is not a Standard Specification, is included for this Project by Special Provision.

00305.00 Scope - Provide construction survey work using the drawings as guidance for location of project features. The contractor shall use conventional means to layout and measure lengths and slopes to ensure all elements meet ADA requirements and locations are marked for construction. Some expected tools would be tape measure and smart level and will require some field measurements to establish form grades and locations. ADA ramps, ADA blended transitions, and curbs will need to be carefully measured and fitted. The contractor is expected to check and adjust forms as needed to meet all of the design elements requirements.

Contractor shall locate survey monuments which may be disturbed by construction. Contractor shall re-set all survey monuments disturbed or removed during construction. For estimating purposes approximately six survey monuments were identified during design as potential conflicts with construction.

All survey work shall be completed by a land surveyor registered as a professional land surveyor in the State of Oregon.

00305.80 Measurement - No measurement of quantities will be made for construction survey work.

00305.90 Payment - The accepted quantities of construction survey work will be paid for at the Contract lump sum amount for the item "Construction Survey Work".

SECTION 00310 - REMOVAL OF STRUCTURES AND OBSTRUCTIONS

Comply with Section 00310 of the Standard Specifications modified as follows:

00310.41 Removal Work, (a) General – Add the following sentence to the end of this subsection:

“Saw cuts shall extend completely through the material in a smooth and vertical edge.”

00310.92 Separate Item Basis, Pay Item – Add the following:

“Saw Cutting.....Foot”

End of Section

SECTION 00320 – CLEARING AND GRUBBING

Comply with Section 00320 of the Standard Specifications

SECTION 00440 - COMMERCIAL GRADE CONCRETE

Comply with Section 00440 of the Standard Specifications modified as follows:

00440.10 Materials - In the list of materials, delete the "Aggregates....02690" line.

00440.12 Properties of CGC – Replace this subsection with the following:

Furnish a workable CGC mixture that is uniform in composition and consistency, and has the following characteristics:

- **Entrained Air** - 4.0% to 6.0%
- **Slump** - 4 inches or less
- **Compressive Strength** - Minimum 4,000 psi at 28 days
- **Temperature** - Minimum 50 °F to maximum 90 °F

00440.14 Acceptance Sampling and Testing: - Replace the following:

(a) General – The contractor shall provide a technician to perform all necessary testing. Test results shall be reported to the engineer within two business days of test completion.

End of Section

SECTION 00640 - AGGREGATE BASE AND SHOULDERS

Comply with Section 00640 of the Standard Specifications modified as follows:

00640.80 Measurement – Replace this subsection with the following:

The quantities of aggregate base will be measured on the square yard unit basis, measured in place, at the thickness shown in the plans, using a standard typical width of 8 or 10 feet, as indicated per plan, multiplied by the length of the centerline of the path to determine the measured quantity of shoulder rock.

The quantities of aggregate shoulder will be measured on the square yard unit basis, measure in place, using a standard typical width of 1 foot each side of the path multiplied by the length of the centerline of the path to determine the measured quantity of aggregate shoulder.

00640.90 Payment, Pay Item – Modify this subsection as follows:

Unit of measurement for aggregate base shall be “Square yard”.

Unit of measurement for aggregate shoulder shall be “Square yard”.

End of Section

SECTION 00730 - ASPHALT TACK COAT

Comply with Section 00730 of the Standard Specifications supplemented and/or modified as follows:

00730.90 Asphalt - There will be no separate payment for construction of the asphalt tack coat.

End of Section

SECTION 00745 - HOT MIXED ASPHALT CONCRETE (HMAC)

Comply with Section 00745 of the Standard Specifications modified as follows:

00745.00 Scope - Add the following sentence to the end of this subsection:

The contractor shall provide a previously approved ODOT or commercial grade mix suitable for low traffic volume applications.

00745.11 (a) Asphalt Cement – Revise the first sentence of this section to read: Use PG 64-28 asphalt cement.

00745.16 HMAC Production QC/QA - Replace with the following:

Acceptance and testing of HMAC Production will be visual only. The contractor shall utilize standard pavement practices and operations typically necessary for quality pavement construction. Note that this applies to HMAC Production and that HMAC Quality Assurance and Acceptance will be tested for Level 2 HMAC. See 00745.16 (b) (2) (c).

00745.49 Compaction QC – Add the following to the beginning of the subsection:

The contractor shall retain and pay all costs for an independent certified testing agency to take samples, perform moisture content, gradation, compaction and density test during placement of backfill, embankments, engineered fills, granular underlayments, subgrades, aggregate base courses and asphaltic concrete pavement.

The independent testing agency shall be qualified in accordance with ASTM E 329. The testing agency will conduct compaction testing, recommend methods of compaction, and issue final report to the Owner, through Engineer, on compaction test results and material compliance with specifications.

Compaction testing shall be completed at the rate of one test per 500 square yards of pavement construction. Test reports shall be delivered to the Engineer within one day of testing.

00745.16 (b) (2) (c) Quality Assurance and Acceptance – Revise the first sentence of this section to read:

The contractor shall provide quality assurance and acceptance testing for Level 2 HMAC.

00745.49 (b) (1) General – Revise the last sentence of the first paragraph to read:

Use the MAMD method of compaction measurement.

00745.61 Longitudinal Joints - Add the following to bullet (2):
All wearing surface joints abutting existing pavement shall be sealed using tack and sand.

00745.70 Pavement Smoothness - Replace with the following:

Pavement smoothness acceptance will be visual.

00745.80 Measurement – Replace the first paragraph of this subsection with the following:

The quantities of HMAC will be measured on the square yard unit basis, measured in place, at the thickness shown in the plans. A singular measurement will be made for the asphalt concrete mixture and the asphalt cement contained in the mixture.

00745.90 Payment – Modify this subsection as follows:

Unit of measurement for HMAC including asphalt cement shall be “Square yard”.

00745.95 HMAC Price Adjustments - Delete this section, there will be no price adjustment pay factor.

End of Section

SECTION 00759 – MISCELLANEOUS PORTLAND CEMENT CONCRETE STRUCTURES

Comply with Section 00759 of the Standard Specifications modified as follows:

00745.00 Scope - Add the following to the end of this subsection:

This item also includes the construction of concrete bases as shown in the plans at each bollard light location.

00759.12 Sidewalk Ramp Treatment – Replace this subsection with the following:

Furnish and install Armor-Tile Cast in Place detectable warning tile, or equal approved by the City of Sisters. Color shall be Federal Yellow, or equal approved by the City of La Pine. Detectable warning panels shall be set in concrete as shown in the plans.

Add the following subsection:

00759.80 Measurement – Add the following:

Truncated Dome Detectable Warning (Full Width) will be measured on the unit basis for each intersection between roadway and pathway. It may take multiple individual detectable warning tiles to comprise a single detectable warning under the contract.

The concrete required to set Truncated Dome Detectable Warnings will be incidental to this bid item.

Truncated domes associated with concrete sidewalks is incidental to the Concrete Walks bid item.

00759.90 Payment – Add the following:

(k) Truncated Dome Detectable Warning, Full Width.....Each

End of Section

SECTION 00905 – REMOVAL AND REINSTALLATION OF EXISTING SIGNS

Comply with Section 00905 of the Standard Specifications

SECTION 00960 – COMMON PROVISIONS FOR ELECTRICAL SYSTEMS

Comply with Section 00960 of the Standard Specifications.

SECTION 00970 – HIGHWAY ILLUMINATION

Comply with Section 00970 of the Standard Specifications modified as follows:

00970.90 Payment, Pay Item – Modify this subsection as follows:

Unit of measurement for Light Pole Foundation shall be “Each”.

End of Section

SECTION 01010 – STORMWATER CONTROL, WATER QUALITY INFILTRATION SWALE

Section 01010, which is not a Standard Specification, is included for this Project by Special Provision.

Description

01010.00 Scope - This work consists of furnishing and installing a water quality Infiltration swale as shown.

Materials

01010.10 Materials - Furnish material meeting the following requirements:

- Water Quality Topsoil 01040.14(e)
- Water Quality Seeding 01030.13
- Water Quality facility planting 01040

01010.12 Water Quality Mixture - Furnish Water Quality Topsoil as described in Section 01040.14(e).

01010.13 Matting - Furnish Type F matting comprised of fully biodegradable woven jute fibers with material weighing 14 OZ per SY.

Construction

01010.40 General - Construct water quality vegetated infiltration swale facility as shown. Perform excavation, fine grading, and placement work only when the facility area is dry and only from the top of the swale area. Do not stockpile excavated material in the facility area.

Scarify the subsoil area a minimum 12 inches deep. After scarification, place the water quality mixture in maximum 6 inch lifts. Compact each lift with a water filled landscape roller to achieve the net line geometry and dimensions as shown on drawings prior to installation of matting. Install matting in conformance with standard details with top trench, toe trench, check slots and landscape staples as shown.

Maintenance

01010.70 Cleaning - If a stormwater control facility is used for erosion and sediment control, remove all accumulated sediment and debris before completing the facility.

Measurement

01010.80 Measurement - No measurement of quantities will be made for work performed under this Section. The estimated quantities of materials are:

Water Quality Swale Quantities:

Item	Quantity
Area	4,639 Sq. Ft.
Water Quality Mixture	250 Cu. Yd.
Type F Matting	515 Sq. Yd.

Payment

01012.90 Payment - The accepted quantities of work performed under this Section will be paid for at the Contract lump sum amount for the item "Water Quality Swale".
Payment will be payment in full for furnishing and placing all materials, and for furnishing all equipment, labor, and incidentals necessary to complete the work as specified.

End of Section

SECTION 01030 – SEEDING

Comply with Section 01030 of the Standard Specifications.

SECTION 01040 – PLANTING

Comply with Section 01040 of the Standard Specifications.

SECTION 01080 – FLAG SUPPORTS

Section 01080, which is not a Standard Specification, is included for this Project by Special Provision.

Description

01080.00 Scope - This work consists of furnishing and installing vertical pipe sleeves with screw on caps for the purpose of serving a flag supports.

Materials

01080.10 Materials - Furnish material meeting the following requirements:
2-Inch Diameter PVC Pipe 02410.70

01080.11 - 2-inch PVC end cap - Furnish PVC end cap with threaded screw as shown

Construction

01080.40 General - Construct flag supports in concrete sidewalk as shown. Vertically install 2-inch P pipe to a depth of 2 feet below surface. Install threaded pvc plug on top end as shown. Set top of plug level with top of sidewalk.

Maintenance

01080.70 Cleaning – Ensure that threaded plug is operable at project completion.

Payment

01080.90 Payment - The accepted quantities of work performed under this Section will be paid for at the Contract unit price, Each, for “Flag Supports”. Payment will be payment in full for furnishing and placing all materials, and for furnishing all equipment, labor, and incidentals necessary to complete the work as specified.

SECTION 01120 – IRRIGATION SYSTEMS

Comply with Section 01120 of the Standard Specifications.