



CITY OF PETALUMA

POST OFFICE BOX 61
PETALUMA, CA 94953-0061

ADDENDUM NO. 1

Multi Use Path Lynch Creek Trail / Payran Section Project City Project Number C14502009

March 16, 2021

Teresa Barrett
Mayor

Brian Barnacle
D'Lynda Fischer
Mike Healy
Dave King
Kevin McDonnell
Dennis Pocekay
Councilmembers

This Addendum No. 1 modifies the Bidding Documents for the Multi Use Path Lynch Creek Trail / Payran Section C14502009 project. This Addendum shall become part of the Contract and all provisions of the Contract shall apply thereto. Bidders shall acknowledge all Addendums in the Bid Schedule.

NOTICE INVITING BID CHANGE

Refer to page 1, item 2 of the Notice of Inviting Bids. The Bids will be ~~publicly~~ opened and ~~read at 2:00 PM (enter time)~~ read at **2:00 PM (enter time) on Thursday, April 1, 2021** at the ~~above-mentioned~~ office of the CITY. The CITY reserves the right to postpone the date and time for opening of Bids at any time prior to the aforesaid date and time.

Public Works & Utilities

City Engineer
11 English Street
Petaluma, CA 94952
Phone (707) 778-4303

Environmental Services

Ellis Creek Water
Recycling Facility
3890 Cypress Drive
Petaluma, CA 94954
Phone (707) 776-3777
Fax: (707) 656-4067

Parks & Facility Maintenance

840 Hopper St. Ext.
Petaluma, CA 94952
Phone (707) 778-4303
Fax (707) 206-6065

Transit Division

555 N. McDowell Blvd.
Petaluma, CA 94954
Phone (707) 778-4421

Utilities & Field Operations

202 N. McDowell Blvd.
Petaluma, CA 94954
Phone (707) 778-4546
Fax (707) 206-6034

E-Mail: publicworks@cityofpetaluma.org

The following paragraphs of the "Notice Inviting Bids" will be modified as described.

1. RECEIPT OF BIDS: Bids for this project will be submitted by email before 2:00 PM on **Thursday, April 1, 2021**. The emailed bid will include all of the completed documents found in the BID FORMS section of the Contract Documents. The bids will be emailed to: CITYCLERK@cityofpetaluma.org. The email subject line will be "Multi Use Path Lynch Creek Trail / Payran Section C14502009". The response email from the City Clerk will indicate the time stamp of the bid receipt.

2. Original copies of the Sealed Bids will be sent by standard United States Postal Service (USPS) mail services and received by the mail clerk at 11 English Street, Petaluma CA 94952. The Sealed Bids will be postmarked at USPS not later than the date of **April 1, 2021**. Sealed Bids postmarked after **April 1, 2021**, may not be considered. The Sealed Bids sent via USPS will include all of the original signed and sealed documents included in the Bid Form section of the Contract Documents. This packet will be clearly marked on the outside of the package "Multi Use Path Lynch Creek Trail / Payran Section C14502009".

OPENING OF BIDS: The emailed bids will be opened by the Project Manager and the City Clerk. The bids will be documented on the Bid Result template with the name of the bidding contractor and ranked by the Base Bid dollar amount. The Bid results will be posted on the City's webpage at <https://cityofpetaluma.org/bid-opportunities-2/>

TECHNICAL SPECIFICATIONS

1. Refer to Section 16 Clearing and Grubbing. Section 16A and 16K.
2. Refer to Section 80 Earthwork. Section 80A and 80C.6.

The updated Section 16 Clearing and Grubbing and Section 80 Earthwork have been attached to this Addendum as Attachment 1 and shall be incorporated in the bid documents.

This Addendum No. 1 shall become part of the Contract and all provisions of the Contract shall apply thereto. Bidders shall acknowledge all Addendums in the Bid Schedule.

All other items of the documents shall remain unchanged. **A signed copy of this Addendum and the attached acknowledgement form shall be attached to the bid proposal. Failure to do so may cause rejection of your bid as being non-responsive.**

Bids will be emailed into the City Clerk, and original copies of the sealed bids will be mailed in.

City of Petaluma,

A handwritten signature in blue ink that reads "Ken Eichstaedt". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Ken Eichstaedt, P.E. T.E.
Senior Traffic Engineer
Public Works & Utilities Department

Attachment 1

SECTION 16 CLEARING AND GRUBBING

16.A GENERAL

Provide all labor, materials, and equipment required to complete clearing and grubbing job items as shown on the Plans. This work includes, but is not limited to, installing straw wattles and temporary silt fence, concrete wash-out management practice, concrete staking, excavation, compaction, removing and reinstalling existing fence along the pathway and in construction access, removing and reinstalling roadway sign, installing stabilized construction access from Holly Lane upon the approval of City and restoring at project completion, removal of existing AC surface for new concrete pathway construction, off-hauling of debris including loading and trucking, removal of vegetation (including plants and tree roots) and other deleterious materials such as pieces of concrete under areas of restoration, paths and trails, and exposing and saw cutting any encountered buried pipe, and any other work required for constructing reinforced concrete pathway.

16.B EXECUTION

The CONTRACTOR shall provide a 14-day notice prior to clearing and grubbing to allow the CITY have a bird survey conducted. The CONTRACTOR shall strip the existing vegetation layer to a depth of two to three inches in the areas of work as shown on the Plans for grading and as directed by the CITY. Leveling the surface with imported, compacted fill is acceptable locally. Strippings shall not be reused as compacted engineered fill and shall be placed in areas to be landscaped.

Existing vegetation not required to be removed by the CONTRACTOR in order to perform the work shall be protected from heavy equipment. This will require installation of plastic construction barrier fencing in sensitive areas. The CONTRACTOR shall not operate equipment in the live stream. No excavation shall occur in the portion of the stream bed where water is present.

All improvements consisting of fencing, plantings or other improvements which are not planned to be removed as part of this work, but are injured, removed, or destroyed by reason of the CONTRACTOR'S operation shall be replaced in kind or restored to a condition as good as when the CONTRACTOR encountered the work, at the CONTRACTOR'S expense. If neighboring trees or shrubs are damaged or destroyed, the CONTRACTOR shall replant with approved replacements.

The CONTRACTOR shall dispose of all grubbed vegetation spoil and debris off-site at approved upland location provided by the CONTRACTOR. The burning of debris on the site shall not be permitted. The CONTRACTOR will be responsible for off-site disposal of concrete and other rubble.

Demolition, clearing and grubbing shall conform to the provisions in Section 4102.1, "Clearing and Grubbing and Concrete Removal", of the Street Construction Detail Specification No. 41

and these Technical Specifications. The work includes furnishing all labor, materials and equipment, performing all operations in connection with the demolition, clearing and grubbing work as indicated on the Plans and specified herein.

All materials resulting from demolition operations are to be disposed of at CONTRACTOR'S expense. Project site shall be cleaned of all litter and demolition debris.

16.C TREE, SHRUBBERY, VEGETATION PROTECTION AND REMOVAL

The CONTRACTOR shall at all times protect trees, shrubbery, and other vegetation not designated for removal from injury or damage resulting from the CONTRACTOR'S operations. In areas where trees or shrubs may be damaged by construction equipment, the CONTRACTOR shall provide protective fencing, padding on tree trunks, and tieback branches, or take other necessary actions to prevent damage to the trees, shrubs, or other vegetation.

The CONTRACTOR shall mark all trees for removal for ENGINEER approval with 48 hour notice.

The CONTRACTOR shall cut and remove tree branches only where, in the opinion of the CITY, such cutting is necessary to effect construction. Pruning of trees for ease of access should be avoided unless absolutely necessary. Pruning should generally be limited to removal of dead or decaying branches, or to alleviate root damage. Pruning activities shall be coordinated with the CITY. Scars resulting from the removal of branches shall be treated with an approved tree sealant.

16.D ROOT PROTECTION

Heavy equipment shall be stored only within designated staging areas and not within the driplines of existing trees, nor within the creek area. For purposes of this section, "dripline" shall be defined as the area on the ground from the trunk of any tree to the point directly below the outermost tips of the branches of that tree. Appropriate staging areas are shown on the Plans. Whenever possible, excavation shall be on a radial line, diverging from the tree trunk. Construction materials shall be properly stored away from existing trees to avoid spillage or damage to trees. In addition, no signs, cables, ropes, or other item that could damage or girdle trees should be attached.

Topsoil spreading, spraying, or other surface disturbance should be avoided within the driplines of existing trees. No tree roots greater than 2 inches in diameter shall be cut and material shall be carefully removed from around the root system so as to avoid damage thereto. Any roots exposed as a result of construction activities shall be covered with wet burlap to avoid desiccation, and buried as soon as practicable.

16.E EXPOSURE TO HARMFUL SUBSTANCES

No storage or dumping of any substances that may be harmful to trees shall occur at any location on the Site. No oil, fuel, concrete, or any other harmful substance shall be allowed to flow across or within the drip line of existing trees, or near the creek.

16.F TREE FENCING/PROTECTION

Temporary protective fencing, consisting of orange plastic construction fencing supported by metal stakes/posts, shall be placed around ALL trees indicated on the Plans to remain in the project reach to prevent inadvertent encroachment by heavy machinery. This fencing shall be placed around all trees to be protected at a minimum distance of 5 feet from the trunk, wherever possible. Tree protection fencing shall be placed prior to construction and removed when construction is complete.

16.G DAMAGE

All damage shall be immediately reported to the CITY. The CONTRACTOR shall repair all minor damage to existing trees and plants under the supervision and direction the County or County-designated restoration specialist.

Damage to trees and shrubs shall include, but will not be limited to:

- Bark damage to trees.
- Breakage of branches on trees or shrubs.
- Breaking or tearing of roots.
- Spilling toxic materials near the root zones.
- Spraying toxic materials on foliage.
- Fire damage to foliage and branches.
- Compaction of root areas under the drip line or damage by fill or storage of materials over the root zone.
- Foot or vehicular damage on low shrubs and ground cover.

The CONTRACTOR shall remove all plants permanently disfigured or killed, including roots, from the Site and replace each such tree or plant with one of equal value as established by the CITY or CITY-designated restoration specialist, who shall be the sole judge of the condition of any tree or plant. The CONTRACTOR shall provide watering and feeding, as directed by the restoration specialist.

16.H DISPOSAL

All materials resulting from clear and grub and demolition operations are to be disposed of at CONTRACTOR'S expense. All clean soil shall to be off hauled shall be disposed of at a site provided by the CITY.

16.I CLEAN UP

Project site shall be cleaned of all litter and demolition debris.

16.J SAWCUTTING, PIPE REMOVAL AND BACKFILL

Abandoned pipes and other utilities, accompanying manholes and trench backfill shall be removed from the site and disposed at a suitable approved facility. Removal shall include all traces of the abandoned line, manholes, and asphalt or concrete material associated with the 6" Sewer and 8" Water Line at the locations shown on the Plans. The trench shall be backfilled and graded with native materials during excavation and grading of the river terrace.

The CONTRACTOR shall perform all work in a proficient manner with due regard to employee and public safety. The CONTRACTOR shall comply with all rules, regulations, and standards of the Occupational Safety and Health Administration and U.S. Department of Labor in performance of construction, excavation, and demolition work. The CONTRACTOR shall solely be responsible for the safety of his personnel and equipment and shall so conduct his business to protect the welfare of all persons who may be on or near the site. All current Federal, State and local safety regulations shall be adhered to by the CONTRACTOR on the project site.

16.K MEASUREMENT AND PAYMENT

Clear and Grub shall be paid for at the contract lump sum price, as shown in Bid Schedule, which price shall include full compensation for furnishing all labor, materials, tools, equipment, and any other work involved, as specified in this Section and described in Section 16A and shown on the Plans, and no additional allowance will be made therefor.

**SECTION 80
EARTHWORK**

80A. GENERAL

The CONTRACTOR shall furnish all labor, materials, equipment, and incidentals necessary to perform all earthwork (cut and fill) required for construction of the reinforced concrete pathway with reinforcements over compacted CL2 AB. Such earthwork shall include, but not be limited to the loosening, removing, loading, transporting, depositing, and compacting in its final location of all materials wet and dry, as required for the purposes of completing the Work specified in the Contract Documents. The Work shall also include, but not be limited to, the disposal of excess excavated materials; borrowing materials for fills; and all other incidental earthwork such as loading and trucking; all in accordance with the requirements of the Contract Documents.

The Contractor shall be limited the work area to only those sections where the trail is being constructed. The City or Daily Acts will provide biological monitoring as deemed necessary. All badger habitat will be identified prior to construction by the City or Daily Acts to minimize disruption.

The Contractor shall revegetate all sites disturbed or scarred by construction activities. Revegetation of disturbed sites should occur prior to the start of the rainy season.

80B. MATERIALS

All materials to be used i.e Class 2 Aggregate Base, shall comply with the quality requirements of Standard Specifications Section 19 and other applicable specifications.

Hydroseeding shall be provided in upaved areas and other locations which may be disturbed by the construction activities and as directed by the Engineer.

1. In Open Space locations where pipeline is to be installed, the Contractor shall place Native Seed Mix.
2. At the Tie-in locations and surrounding areas, the Contractor shall place Native Seed Mix.

Native seed Mix Shall be comprised of the following:

Seed	Pounds/Acre
California Brome (Bromus californica)	16
California Meadow Barley (Hordeum californicum)	12
Blue Wildrye (Elymus glaucus)	10
California Oat Grass (Danthonia californica)	10

Purple Needlegrass (<i>Nasella pulchra</i>)	10
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80C. CONSTRUCTION

80C.1 GENERAL

Subgrade shall be scarified and recompactd to 90% R.C.

The constructed thickness of the aggregate base layer shall not be less than the design thickness minus 0.04' (1/2 inch). Aggregate base shall be Class 2, 3/4 inch maximum, and shall be firm and unyielding. The requirements to use recycled Class II Aggregate base shall only be approved by the ENGINEER.

80C.2 TRAIL / CONCRETE PATH EXCAVATION

Trail excavation shall be performed by excavating the subgrade to the required depth or filling up to the desired slope as indicated in the detail section of the plans or as directed by the Engineer.

Removal of existing bituminous pavement, base materials, and native materials will be paid for as Earthwork and no additional allowance made therefor. The subgrade and exposed aggregate base rock shall be moisture conditioned to slightly over optimum moisture content and compacted to a minimum of 90 percent relative compaction (ASTM D1557).

Excess materials from the excavation shall become the property of the CONTRACTOR and shall be disposed of suitably. All costs incurred for at his expense.

80C.3 TREE, SHRUBBERY, VEGETATION PROTECTION AND REMOVAL

The CONTRACTOR shall at all times protect trees, shrubbery, and other vegetation not designated for removal from injury or damage resulting from the CONTRACTOR'S operations. In areas where trees or shrubs may be damaged by construction equipment, the CONTRACTOR shall provide protective fencing, padding on tree trunks, and tieback branches, or take other necessary actions to prevent damage to the trees, shrubs, or other vegetation.

The CONTRACTOR shall cut and remove tree branches only where, in the opinion of the CITY, such cutting is necessary to effect construction. Pruning of trees for ease of access should be avoided unless absolutely necessary. Pruning should generally be limited to removal of dead or decaying branches, or to alleviate root damage. Pruning activities shall be coordinated with the CITY. Scars resulting from the removal of branches shall be treated with an approved tree sealant.

The CONTRATOR shall cut tree root in the way of the concrete pavement construction upon the review and approval of City of Petaluma Arborist.

80C.4 QUALITY ASSURANCE

All soils quality control testing will be done by a testing laboratory of the CITY's choice. The CONTRACTOR shall provide the ENGINEER at least 24 hours' notice in advance of required tests.

In case the tests of the fill or backfill show non-compliance with the required density, the CONTRACTOR shall accomplish such remedy as may be required to insure compliance. Subsequent testing to show compliance shall be by a testing laboratory selected by the CITY and shall be at the CONTRACTOR's expense.

All materials to be used shall be natural materials. The requirements to use recycled materials shall only be approved by the ENGINEER.

The CONTRACTOR shall provide safe access in the trench for the CITY's soil compaction testing technician or inspector. This shall include providing and properly installing safety equipment and temporary shoring to enable compaction testing at SEVERAL LEVELS in the trench. Should the CONTRACTOR have backfilled to an elevation above that required to be tested, then the backfill shall be excavated down to the necessary level for testing and provided at the CONTRACTOR's cost. Subsequent backfilling shall also be at the CONTRACTOR's cost.

All authorized observation and testing will be paid for by the CITY. Retesting due to failed tests will be performed at the CONTRACTOR's expense.

80C.5 CONSTRUCTION

The following on-site mitigation measures shall be implemented for the duration of this project:

- All dust-producing work and unpaved construction sites shall require at a minimum watering in the late morning and at the end of the workday; the frequency of watering shall be increased if dust is mobilized by wind or traffic.
- Contractor shall maintain dust control to the satisfaction of the City Engineer, seven (7) days a week, 24 hours per day.
- The Engineer at his discretion may require sprinkling at any time or place.
- At the end of each work week, the Contractor shall sweep all streets in the work zone with a commercial grade street sweeping machine.
- Contractor must implement required Best Management Practices for soil erosion during construction. Temporary Silt Fence is required during excavation and construction of concrete pathway.

Water is available from the CITY at current rate per one hundred (100) cubic feet provided that the CONTRACTOR meters the water so used with a CITY furnished meter (a deposit will be required) and a CONTRACTOR furnished valve assembly. Cost may be adjusted at the time of construction.

80C.6 MEASUREMENT AND PAYMENT

Full compensation for conforming to the provisions in this Section as described in Section 80A, and any other work required for constructing the reinforced concrete pathway and shoulder over the compacted CL2 AB and geotextile fabric and compacted subgrade, not otherwise provided for, shall be considered as included in prices paid under lumpsum Bid Item for Earthwork and no additional compensation will be allowed therefor.

END OF SECTION

ADDENDUM NO. 1

**Multi Use Path Lynch Creek Trail / Payran Section Project
City Project Number C14502009**

March 16, 2021

ACKNOWLEDGEMENT

Receipt of Addendum No. 1 is hereby acknowledged by _____
(Contractor's Name)

on the _____ day of _____, 2021.

By: _____

Signature

Title

Company