

CITY OF SAUSALITO
420 Litho Street, Sausalito, CA 94965

Addendum No. 1

Issued **July 28, 2022**

For
2022 Pavement Improvement Project

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NOTICE TO ALL PLAN HOLDERS SUBMITTING BIDS FOR THIS WORK:

You are hereby notified of the following information, changes, clarifications or modifications to the original Contract Documents, Project Manual, Drawings, Specifications and subsequent Addenda. This Addendum shall supersede the original Contract Documents and previous Addenda wherein it contradicts the same and shall take precedence over anything to the contrary therein. All other conditions remain, UNCHANGED.

This Addendum is hereby made a part of the Contract Documents to the same extent as though it were originally included therein.

RESPONSE TO QUESTIONS

Question: Where are the underground items on Johnson (SD & Conduit) to be paid?

Response: Added bid items 24 and 25 (see below).

Revision:

Bid Schedule and Specifications

1. Add the following bid items 24 and 25. See attached for revised bid schedule.

ITEM No.	DESCRIPTION	QTY.	UNIT	UNIT PRICE	TOTAL
24	Storm Drain Pipe	38	LF		
25	Electrical Conduit and (2) Pull Boxes	1	LS		

2. Add Section 10-20 in the Technical Specifications, as follows:

SECTION 10-20 – STORM DRAIN PIPE

10-20.01 GENERAL

The Contractor shall furnish, install and test all pipe and restore pavement sections as shown on the drawings and described in these Specifications as required to completely interconnect all utility structures with piping for complete and operable storm drainage systems. The trench section shall be per the Uniform Construction Standards (UCS) dwg 330 and 350, as modified by the plans.

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10-20.02 SUBMITTAL

Contractor shall submit manufacturer's product data for pipe and pipe connection materials.

10-20.03 MATERIALS

- Reinforced Concrete Pipe (RCP) - ASTM C76, Class III; for pipe 12 inches in diameter and larger or as indicated on plans. "O" ring rubber gasket (ASTM C443)

10-20.04 EXECUTION

The Contractor shall dispose all excess materials. The Engineer has made no arrangements for disposal of materials. All excess and unsuitable material shall be disposed of by the Contractor in accordance with Section 7.9D "Disposal" of these General Conditions and Section 14-10 "Solid Waste Disposal and Recycling" of the Standard Specifications.

The Contractor shall be responsible for verifying the actual horizontal and vertical location of the existing utilities within the proposed alignment of the storm drain.

Contractor shall be cognizant of the existing utility lines in the proximity of the work area and take precautions, as necessary, to not disturb these facilities. The Contractor shall notify Underground Service Alert at (800) 227-2600 prior to excavation. The Contractor's attention is directed to the section entitled "Obstructions" of these Specifications.

The Contractor's attention is directed to the probability of encountering ground water during trenching excavation. This will include all water entering the existing storm drain inlet excavation and /or the trench excavation for new storm drain pipe. Any ground water which may be encountered shall be controlled and removed by pumping as necessary.

The Contractor shall keep site excavations reasonably free from water during construction. The static water level shall be drawn down to maintain the undisturbed state of natural soils. Disposal of water shall proceed under required permits secured by the Contractor and meet all conditions imposed by all regulatory agencies having jurisdiction and shall not damage property or create a public nuisance. Dewatering systems shall not remove natural soils. The Contractor shall control surface runoff to prevent entry or collection of water excavations. Contractor shall provide a system to prevent water from entering the storm drain inlet excavation and/or trench excavation either from concrete gutter, inlet, or the surrounding surface.

Where the clear distance between an existing utility and the storm drain is less than 6 inches, a minimum of 1-1/2-inches of foam wrap shall be placed around the existing utility.

1. Laying Pipe

- a. Lay pipe to line and grade indicated. Bell and spigot type, lay bells in cross-cuts cut in trench. Lay pipe with the bell or grooved end uphill.
- b. Prevent dirt from getting into pipe joints.
- c. Remove pipe which is cracked, checked, spalled, or damaged from the work.
- d. Clean interior of pipe of cement, dirt, and extraneous matter as the work progresses.

2. Pipe Joints

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- a. Pipe joints shall be made secure and watertight.
 - b. Employ appropriate equipment to draw the sections of the pipe tightly together.
3. Visual Test Method shall be performed as directed by the Engineer.
- a. Slowly pull a television camera through storm drain and inspect for visual leaks, separated joints and cracks in pipe and manholes. Repair leaks and joints. Replace cracked pipe. Re-inspect pipe. Submit tape of entire length of system to Engineer for approval.
4. Backfilling
- a. Piping shall not be covered with backfill material, until inspected, and approved by the Engineer.
 - b. After making up pipe joints, fill space between pipe and sides of trench with backfill material half-way up the pipe. Both sides shall be filled for full width of trench at same time and carefully compacted so as to hold the pipe in its proper position.
 - c. After pipe has been installed, inspected, and approved, place and compact backfill as specified in geotechnical report.
 - d. Backfill material for solid storm drain pipe shall be as indicated in the plans.

10-20.05 MEASUREMENT AND PAYMENT

The contract price paid per linear foot for “Storm Drain Pipe”, (**Bid Item 24**) shall include full compensation for furnishing all labor, materials, tools, equipment, sawcutting, trenching, dewatering, backfilling, connections to existing facilities, temporary paving, and incidentals required to install the pipe complete in place, as shown on the Plans, as specified in the Standard Specifications and these Specifications, and as directed by the Engineer.

3. Add Section 10-21 in the Technical Specifications, as follows:

SECTION 10-21 – ELECTRICAL AND PULL BOXES

10-21.01 GENERAL

Specifications for furnishing and installing conduit and (2) pull boxes as indicated in the design plans. Pull box location will be at the end of the conduit in a location determined in the field by the Engineer.

10-21.02 SUBMITTALS

Contractor shall provide submittal for each Respective manufacturer’s product data for manufactured products Manufacturer’s product data and materials.

10-21.03 MATERIALS

- Pull Boxes shall be Number 5 in accordance with Standard Plan ES-8B.
- Conduits shall be Schedule 40 Polyvinyl Chloride (PVC) Conduit. For conduits installed by trenchless methods, they shall be SDR11 high density polyethylene or fusible PVC.

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- All other materials shall comply with Section 86 of the Standard Specifications.

10-21.04 EXECUTION

The Contractor shall install conduit using either open trench or horizontal directional bore method. Prior to commencing construction, the contractor shall contact Underground Service Alert to have all underground utilities marked as noted in the Utility Locating Section of these Special Provisions.

Horizontal Directional Bore Method: During the potholing operation, the contractor should review the characteristics of the existing soils so as to plan for the directional bore operation. Should the contractor find soil that may not be satisfactory for directional drilling, they shall notify the Engineer immediately.

The contractor shall prepare a profile of each bore indicating the proposed route, depth, and available clearance to existing utilities. The profile should be submitted to the Engineer prior to the commencement of the bore operation for approval.

All drilling units should be equipped with an electrical strike safety package. The package should at a minimum contain a warning sound alarm. All members of the contractor's crew shall wear die-electric boots at all times.

The contractor shall place bore and receive pits at intervals based on site characteristics. After completion of the pilot bore, the path shall be reamed as necessary to safely pull back conduits without damaging the existing infrastructure. The contractor shall determine the required drilling fluid fixture to properly suspend the bore hole. The bore path shall be as straight as practical in both the horizontal and vertical plane.

Open Trenching Method: The Contractor shall notify the Engineer prior to performing the work. No additional payment will be made for installation of conduit by open trench. The Contractor shall restore all asphalt, concrete, and landscape surface to existing or better condition.

PULL BOXES

Contractor shall install a pull box at the end of the conduit in a location approved by the Engineer. All conduits entering boxes through the bottom shall extend a minimum of 1 1/2" and not more than 3" into the inside of the boxes. All conduits shall be grouped to one end of the box and plugged with conduit caps immediately after installation and prior to backfill.

Excavation for pull boxes shall include excavation for transitions and flares as necessary for project improvements. Pull boxes shall conform to the representative agency requirements and these specifications.

Boxes and lids in paved areas shall be capable of withstanding traffic loads.

Boxes in sidewalk area shall have skid-resistant covers suitable for foot traffic.

Boxes shall be installed to be flush with the finish surface at the locations shown on the plans and shall be placed on a minimum 6" bed of crushed rock which shall extend a minimum 6" outside the exterior edges of the box.

All conduits in pull boxes shall be duct sealed.

Pull boxes shall include saw-cut existing curb, gutter sidewalk/street, excavation, supply, installation, backfill and repair of said curb, gutter, and sidewalk/street. Traffic cover shall be provided and installed by the Contractor for pull boxes located in street/driveway areas.

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Testing: Upon completion of conduit installation, each conduit shall be proofed to verify continuity and integrity. All conduits must be proofed after backfilling, but prior to final paving. The Engineer must be present at the time of the test.

Proofing shall be accomplished by pulling a solid aluminum or steel mandrel or by blowing a pig. The outside diameter of the mandrel or pig shall be a minimum of eighty percent of the inside diameter of the conduit and four inches long. Upon completion of the test, a pull rope or mule tape shall be installed in each conduit and tied off in a pull box at each end.

10-21.05 MEASUREMENT AND PAYMENT

The contract lump sum price paid for “Electrical Conduit and (2) Pull Boxes” (**Bid Item 25**) includes full compensation for furnishing all labor, materials, tools, equipment, (2) pull boxes, and incidentals, and for doing all the work involved in placing conduit, complete in place, including potholing, excavation, disposal of unsuitable materials, installing pull ropes, and surface restoration as shown on the Plans, as specified in the Standard Specifications and these Specifications, and as directed by the Engineer.

Attachments to Addendum 1:
Bid Schedule

END OF ADDENDUM NO. 1

**Issued By: City of Sausalito
Andrew Davidson
Senior Engineer**

ACKNOWLEDGED

Bidder's Signature

A signed copy of this addendum is to be submitted as a part of the bid package for the subject project. Failure to do so may subject the Bidder to Disqualification.

Bid Schedule

This Bid Schedule must be completed in ink and included with the sealed Bid Proposal. Pricing must be provided for each Bid Item as indicated. Items marked "(SW)" are Specialty Work that must be performed by a qualified Subcontractor. The lump sum or unit cost for each item must be inclusive of all costs, whether direct or indirect, including profit and overhead. The sum of all amounts entered in the "Extended Total Amount" column must be identical to the Base Bid price entered in Section 1 of the Bid Proposal form.

AL = Allowance CF = Cubic Feet CY = Cubic Yard EA = Each LB = Pounds
 LF = Linear Foot LS = Lump Sum SF = Square Feet TON = Ton (2000 lbs)

ITEM No.	DESCRIPTION	QTY.	UNIT	UNIT PRICE	TOTAL
MOBILIZATION/DEMOLITION/TRAFFIC CONTROL/POLLUTION CONTROL					
1	Mobilization	1	LS		
2	Construction Phasing and Traffic Control	1	LS		
3	Water Pollution Control	1	LS		
4	Construction Layout	1	LS		
DEMOLITION					
5	Clearing & Grubbing & Removals	1	LS		
6	Asphaltic Concrete Grinding/Milling	5,880	SY		
7	Concrete and Asphalt Removal	19,100	SF		
STREET IMPROVEMENTS					
8	Concrete Gutter	8	LF		
9	Concrete Curb & Gutter (UCS #105)	4	LF		
10	Concrete Curb Ramp	2	EA		
11	Hot Mix Asphalt (Type A)	1,200	TN		
12	Pavement Fabric	5,780	SY		
13	HMA Shallow Digout	330	SF		
14	HMA Deep Digout	1,200	SF		
UTILITY ADJUSTMENTS TO GRADE					
15	Utility Adjustment - Water Valve (Revocable)	35	EA		
16	Utility Adjustment - Sewer Rodding Inlet	4	EA		
17	Adjust Sanitary Sewer Manhole to Grade	3	EA		
18	Adjust Electrical Box to Grade (Revocable)	1	EA		
19	Adjust Telecom Manhole Cover to Grade (Revocable)	1	EA		
20	Adjust Traffic Box to Grade	1	EA		
SIGNING & STRIPING					
21	Pavement Markings	1	LS		
22	Curb Paint	1	LS		

ITEM No.	DESCRIPTION	QTY.	UNIT	UNIT PRICE	TOTAL
23	Reset Roadside Sign	1	EA		
24	Storm Drain Pipe	38	LF		
25	Electrical Conduit and (2) Pull Boxes	1	LS		

* Final Pay Quantity

TOTAL BASE BID: Items 1 through 25 inclusive: \$ _____

Note: The amount entered as the "Total Base Bid" should be identical to the Base Bid amount entered in Section 1 of the Bid Proposal form.

BIDDER NAME: _____

BID SCHEDULE
BID ALTERNATIVE #1

BID ITEM NO.	ITEM DESCRIPTION	EST. QTY.	UNIT	UNIT COST	EXTENDED TOTAL AMOUNT
9a	Concrete Curb & Gutter (UCS #105)	34	LF	\$	\$

TOTAL BID ALTERNATIVE #1: Items 9a \$ _____

Note: The amount entered as the "Total Bid Alternate #1" should be identical to the Alternate #1 amount entered in Section 1 of the Bid Proposal form.

Sum Total Base Bid plus Total Bid Alternative #1:

\$ _____

BIDDER NAME: _____

END OF BID SCHEDULE