



Town of Moraga

PUBLIC WORKS/ENGINEERING
DEPARTMENT

ADDENDUM NO. 3

June 10, 2019

**TOWN OF MORAGA
Moraga Way and Canyon/Camino Pablo Improvement Project
Town Project No. 18-101
Federal Project No. CMSTPL – 5415 (014)**

TO: Prospective Bidders and Interested Parties

This Addendum shall be considered as a part of the bid documents for the subject project as though it had been issued at the same time and shall be incorporated integrally therewith.

Contractors shall acknowledge receipt of this Addendum in the appropriate space provided on the Proposal.

1. The following notes have been added to the GENERAL NOTES section on sheet GN-01: "8. THE CONTRACTOR SHALL NOTIFY ALL RESIDENCES, BUSINESSES, TRANSPORTATION PROVIDERS AND EMERGENCY PROVIDERS THAT WILL BE AFFECTED BY THE PROJECT: SEE SPECIFICATION FOR LISTING AND PHONE NUMBERS. THE CONTRACTOR'S SCHEDULE SHALL INCLUDE TIME FOR SUCH COORDINATION AND NOTIFICATION." AND "9. ALL STREET MONUMENTS, LOT CORNERS PIPES, AND OTHER PERMANENT MONUMENTS DISTURBED DURING CONSTRUCTION SHALL BE REPLACED BY A LICENSED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE. THIS MUST BE COMPLETED BEFORE THE TOWN WILL ACCEPT IMPROVEMENTS AS COMPLETE."
2. Note 7A under the GRADING NOTES section of sheet GN-01 has been revised to state the following: "WALKWAYS SHALL HAVE A MAXIMUM LONGITUDINAL SLOPE OF 4.9% AND A MAXIMUM CROSS SLOPE OF 1.9%".
3. Extended the asphalt concrete limit of work on Moraga Way west of the Ivy Drive intersection on sheet PM-01.
4. Keynote referencing tree demolition added to legend on sheets PM-01, PM-02 and PM-03.
5. Demolition of two trees added to south side of Moraga Way on sheet PM-02.
6. Additional horizontal control has been added to sheet PM-04.
7. Grading for curb ramp located at the southeast corner of the Canyon Road and Camino Ricardo intersection has been revised on sheet GN-04.

8. Minor grade adjustments of the northwest sidewalk of the Canyon Road and Camino Ricardo intersection on sheet EN-04.
9. Remove and replace wooden fence added against property north of the proposed bus stop on sheet GR-01 ALT and GR-02 ALT.
10. Asphalt berm layout in front of proposed bus station has been revised on sheet GR-01 ALT.
11. Existing signs to be removed and relocated called out along proposed pathway between Ivy Drive and Hardie Drive on sheet GR-01 ALT.
12. Alternate striping added to sheet GR-03 ALT.
13. Minor grade changes throughout sheets EN-01 through EN-07.
14. Grading of valley gutter and limit of asphalt plug at School Street intersection has been revised on sheet EN-02.
15. Concrete sidewalk and curb and gutter added adjacent to Villa Lane intersection driveway on sheet EN-03.
16. Layout and grading has been revised on Detail Q driveway at Property 1280 has been revised on sheet EN-04. The addition of a catch basin and concrete gutter in place of the existing ditch has been added and revised.
17. 2" irrigation line replaced with irrigation trench consisting of two (2) 2" irrigation lines and an electrical conduit on sheet UT-01.
18. Solar irrigation controller added on sheet UT-01.
19. Additional striping and traffic markings added at the intersection of Ivy Way and Moraga Way on sheet ST-01.
20. Additional striping types and traffic markings added to legend on sheets PM-01, PM-02, and PM-03.
21. Green paint added to Moraga Way on sheets PM-01, PM-02, and PM-03.
22. Bike lane widened along Canyon road to the southwest of the Camino Pablo intersection on sheet ST-04.
23. Dashed green paint added at the bike lane crossing the Camino Pablo intersection along Canyon road.
24. Utility trench detail revised on sheet CD-01.
25. Wooden fence detail added to sheet CD-01.
26. Asphalt concrete pathway detail revised to indicate finished RHMA-G grade on sheet CD-02.
27. The following changes have been made to the Front-End Specifications:
 - The following text has been added in Section 5.2, Schedule:

“Contractor shall dedicate two (2) weekends, to be determined during Pre-Construction meeting, to complete pavement and striping work at the intersections of Ivy Drive & Moraga Way, and Camino Pablo & Canyon Road, in order to avoid disruptions to the nearby Schools’ drop-off and pick-up times. The contractor shall limit work and provide no lane closures for ±15 min during the first and last bell. The limit of restricted lane closures must extend approximately 200’ from the intersections listed above. The contractor shall coordinate with the school and provide an updated schedule two weeks prior to changes in operation.”

- The following text has been added in Section 7.1, Permits and Taxes:

“7.1.3 Contractor and his subcontractors must possess all necessary federal, state and other permits and licenses necessary for performing the work specified in this contract. A no-fee Town of Moraga encroachment permit must be issued

prior to any work. No compensation will be granted for any contractor delays in complying with the encroachment permit requirements.

7.1.4 Contractor shall also be responsible for obtaining an encroachment permit from City of Orinda to construct temporary construction signage and perform traffic control within Orinda's right-of-way. The Town will pay the Contractor for the direct Orinda encroachment permit fees. The contractor is to submit a complete Orinda encroachment permit application with payment to Orinda (see Appendix for sample form). The Contractor will provide all required application information, insurance and comply with all conditions of the permit at no additional expense to the Town. Compensation for complying with Orinda's encroachment permit is considered as included in the various bid items.

Compensation for complying with this specification is considered as included in the various other bid items and no additional compensation will be allowed, with the exception of the City of Orinda Encroachment Permit fees as noted above. The Town will pay for the direct Orinda encroachment permit fees (within monthly progress payments to contractor) excluding all other contractors costs associated with obtaining and complying with the Orinda permit. Non reimbursable Contractors costs under this specification including but not limited all labor, signage, traffic control, materials, tools, equipment and incidentals including as shown on the plans, specified in the State Standard Specifications and these special provisions, and as directed by the Engineer and for doing all the work involved to obtain Orinda Encroachment Permit and complying with permit conditions."

- See the attached forms proved by the Town. These forms include Substitution Request, Agreement and Release of Any and All Claims, and Guaranty.

28. The following changes have been made to the Special Provisions:

- The following text has been added in Section 2-11, Hot Mix Asphalt Leveling Course:

"Before the final lift of AC, the Contractor shall mark out all the location and sizes of utilities in the general vicinity of loop detector intersections."

- In Section 2-12, the reference to the Caltrans Standard Specifications has been revised to the 2018 version.
- Under Section 2-15, the location of the project has been clarified by adding *"and Canyon Road"*.
- Also under Section 2-15, the following sentence has been inserted:

"Thermoplastic material shall be applied by extruded method only."

- The following text was added to Section 2-18:

"Speed Radar Feedback Sign shall flash when detected vehicle is 5 mph or more than the pre-set speed."

Lettered displayed on sign shall be no less than 15" in height.

Radar Speed Feedback Sign shall comply with Section 87-14 of the Caltrans Standard Specifications."

- Added Section 2-22 EBMUD Water Meter Service:

"The Contractor shall coordinate construction with EBMUD to provide a new irrigation service and meter for the bioretention planters irrigation line.

Measurement and Payment

*The unit price paid for EBMUD Water Meter and Service Application [**Bid Item #507A**] is the direct cost for the work as provided by EBMUD. Any leftover cost does not constitute as profit for the Contractor. The unit price paid for EBMUD Water Meter and Service Coordination [**Bid Item #507B**] is the cost of coordinating the installation of the new service and water meter with EBMUD shall be considered as included in the prices paid for the various irrigation items of work and no additional compensation will be allowed therefor."*

- Added Section 2-23 EBMUD Fire Hydrant Service:

"The Contractor shall coordinate construction with EBMUD to provide a new fire hydrants service.

Measurement and Payment

*The unit price paid for EBMUD Fire Hydrant Application [**Bid Item #507C**] is the direct cost for the work as provided by EBMUD. Any leftover cost does not constitute as profit for the Contractor. The unit price paid for EBMUD Fire Hydrant Coordination [**Bid Item #507D**] is the cost of coordinating the installation of the new fire hydrant with EBMUD and the local Fire Department."*

- In Section 2-24, the following paragraphs were added:

Fire Hydrant

Contractor shall coordinate with EBMUD regarding the relocation of existing fire hydrants.

Contractor to excavate and prepare site for EBMUD crews to perform relocation.

Contractor shall provide traffic control and secure site during all phases of this work."

EBMUD Utility Equipment

Right is reserved to municipal corporations, county authorities, water, gas, digital and analog information transmission utilities, to enter upon any public

highway or road for the purpose of making repairs and changes that have become necessary as a result of the work. Should the work require the installation, removal or relocation of utility equipment, the contractor shall coordinate with the affected utility until the work is complete. The contractor shall not interfere with the utility equipment without authorization of the utility equipment owner and the Engineer.”

- In Section 2-24 Adjust Utility Appurtenance to Grade, under Measurement and Payment, the following paragraph was inserted:

”Compensation for the Contractor for the portion of work to lower and protecting EBMUD Valves and Meters is paid through other project bid items and not additional compensation will be granted.”

- In Section 2-26 Traffic Signal Loop Detectors, the reference to the Standard Specifications was clarified by adding

”Caltrans Standard Specifications 2018”

- In Section 2-27 Landscaping, the following sentence was added:

”The Contractor shall install new loop detectors directly after milling, crack sealing, and full depth repairs are complete.”

- An entire section was added – Section 3 – Alternative Bid Items – as follows:

SECTION 3 - ALTERNATIVE BID ITEMS

This section applies to the alternatives for improvements along Moraga Way and the Intersection of Camino Pablo and Canyon Road pavement restoration and construction of concrete improvements. See “Moraga Way Alternative Sections” attached for reference.

3-01. ALT 1 - PARKING ON MORAGA

The Contractor shall construct additional parking along Moraga Way as shown in the Plans. This additional parking will be constructed between 2+00 to 11+00. The base bid includes the pavement rehabilitation, striping and pavement markings, installation of curbs, asphalt berms, gutters, sidewalk, asphalt pathways, driveways and curb ramps, utility adjustments, and storm drain work. This alternative bid item adds the items contained in this section including, but not limited to, additional asphalt concrete, striping and pavement markings, removal of existing trees, soil and other unsuitable materials, storm drain inlet and storm drain pipes. These improvements shall be installed per plans and these specifications. Contractor to reference section the above special provisions for all work included in these items.

MEASUREMENT AND PAYMENT

The quantities will be measured and paid as follows:

- “Clear and Grub” **[Bid Item #201-A1]** unit price paid for in a unit area in square foot as determined by field measure.
- “Remove Concrete” **[Bid Item #204-A1]** unit price paid for in a unit area in square foot as determined by field measure.
- “Remove Tree” **[Bid Item #205-A1]** unit price paid for in a unit of each as determined by field measure.
- “Aggregate Base” **[Bid Item #302-A1]** unit price paid for in a unit weight in ton as determined by field measure.
- “Hot Mix Asphalt Concrete” **[Bid Item #303-A1]** unit price paid for in a unit weight in ton as determined by field measure.
- “Rubberized Hot Mix Asphalt Concrete” **[Bid Item #304-A1]** unit price paid for in a unit weight in ton as determined by field measure.
- “Deductive Item: Asphalt Berm” **[Bid Item #306-A1]** unit price paid for in a unit length in feet.
- “Concrete Curb Ramp” **[Bid Item #310-A1]** unit price paid for in a unit area in square feet as determined by field measure.
- “Storm Drain Structures” **[Bid Item #503-A1]** unit price paid for in a unit of each as determined by field measure.
- “Adjust Telecommunications Box Lid to Grade (Revocable Bid Item)” **[Bid Item #518-A1]** unit price paid for in a unit of each as determined by field measure.

The contract price shall include full compensation for furnishing all the labor, materials, tools, equipment, soil preparation, incidentals, and for doing all the work necessary to do all work associated with these items, all as specified in the Standard Specifications, these special provisions, and as directed by the Engineer, and no additional compensation will be allowed.

3-02. ALT 2 - TURN POCKET ON CANYON

The Contractor shall demo the existing median along canyon road, between station 4+00 and 6+00, in order to create additional queuing length for the southbound left turn lane as shown in the Plans. The base bid includes the pavement rehabilitation, striping and pavement markings, utility adjustments, storm drain work, installation of curbs, asphalt berms, gutters, sidewalk, asphalt pathways, driveways and curb ramps. This alternative bid item adds the items contained in this section including, but not limited to, demolition of existing hardscape, removal of soil and other unsuitable materials, additional asphalt concrete, and striping and pavement markings. These improvements shall be installed per plans and these specifications. Contractor to reference section the above special provisions for all work included in these items.

MEASUREMENT AND PAYMENT

The quantities will be measured and paid as follows:

- “Clear and Grub” **[Bid Item #201-A1]** unit price paid for in a unit area in square foot as determined by field measure.

- “Remove Concrete” [Bid Item #204-A2] unit price paid for in a unit area in square feet as determined by field measure.
- “Hot Mix Asphalt Concrete” [Bid Item #303-A1] unit price paid for in a unit weight in ton as determined by field measure.
- “Rubberized Hot Mix Asphalt Concrete” [Bid Item #304-A1] unit price paid for in a unit weight in ton as determined by field measure.
- “Concrete Curb and Gutter” [Bid Item #204-A2] unit price paid for in a unit length in feet as determined by field measure.
- “Traffic Striping, Thermoplastic White 4” Line” [Bid Item #411-A2] unit price paid for in a unit length in feet as determined by field measure.

The contract price shall include full compensation for furnishing all the labor, materials, tools, equipment, soil preparation, incidentals, and for doing all the work necessary to do all work associated with these items, all as specified in the Standard Specifications, these special provisions, and as directed by the Engineer, and no additional compensation will be allowed.

3-03. ALT 3 - FLASHERS AHEAD OF RRFB

The Contractor shall install additional RRFBs further upstream for on-coming traffic. The base bid includes four RRFBs. This alternative bid item adds additional RRFBs per the Town’s Request. These improvements shall be installed per plans and these specifications. Contractor to reference section the above special provisions for all work included in these items.

MEASUREMENT AND PAYMENT

The quantities will be measured and paid as follows:

- “Rectangular Rapid Flashing Beacons” [Bid Item #416-A3] unit price paid for in a unit of each as determined by field measure.

The contract price shall include full compensation for furnishing all the labor, materials, tools, equipment, soil preparation, incidentals, and for doing all the work necessary to do all work associated with these items, all as specified in the Standard Specifications, these special provisions, and as directed by the Engineer, and no additional compensation will be allowed.

3-04. ALT 4 – GRAVEL PARKING ALONG MORAGA WAY

The Contractor shall place gravel approximately 15 feet out from the travelled way additional parking along Moraga Way 2+00 to 11+00. This alternative includes a deduction of asphalt concrete pathway, aggregate base, asphalt concrete berm, and associated demo and excavation. This alternative bid item adds the items contained in this section including, but not limited to, crushed gravel / aggregate base, wheel stops, stabilizing rods, and removal of soil and other unsuitable materials. These improvements shall be installed per plans and these specifications. Contractor to reference section the above special provisions for all work included in these items.

MEASUREMENT AND PAYMENT

The quantities will be measured and paid as follows:

- “Clear and Grub” **[Bid Item #201-A1]** unit price paid for in a unit area in square foot as determined by field measure.
- “Remove Tree” **[Bid Item #205-A1]** unit price paid for in a unit of each as determined by field measure.
- “Aggregate Base” **[Bid Item #302-A4]** unit price paid for in a unit weight in ton as determined by field measure.
- “Wheel Stops” **[Bid Item #XXX-A4]** unit price paid for in a unit of each as determined by field measure.
- “Stabilizing Rod” **[Bid Item #XXX-A4]** unit price paid for in a unit of each as determined by field measure.
- “Deductive Item: Rubberized Asphalt Concrete” **[Bid Item #304-A1]** unit price paid for in a unit area in square feet.
- “Deductive Item: Asphalt Berm” **[Bid Item #306-A1]** unit price paid for in a unit length in feet.

The contract price shall include full compensation for furnishing all the labor, materials, tools, equipment, soil preparation, incidentals, and for doing all the work necessary to do all work associated with these items, all as specified in the Standard Specifications, these special provisions, and as directed by the Engineer, and no additional compensation will be allowed.

3-05. ALT 5 – NO CHANGE ALTERNATIVE

The Contractor shall place 2”- 3” gravel along the edge of pavement. This alternative includes a deduction of quantity and cost of asphalt concrete pathway, aggregate base, asphalt concrete berm, and associated demo and excavation on the north side of Moraga Way between station 2+00 and 11+00. These improvements shall be installed per plans and these specifications. Contractor to reference section the above special provisions for all work included in these items.

MEASUREMENT AND PAYMENT

The quantities will be measured and paid as follows:

- “Clear and Grub” **[Bid Item #201-A1]** unit price paid for in a unit area in square foot as determined by field measure.
- “Remove Tree” **[Bid Item #205-A1]** unit price paid for in a unit of each as determined by field measure.
- “Deductive Item: Aggregate Base” **[Bid Item #302-A4]** unit price paid for in a unit weight in ton as determined by field measure.
- “Deductive Item: Concrete Curb Ramp” **[Bid Item #310-A1]** unit price paid for in a unit area in square feet as determined by field measure.
- “Deductive Item: Rubberized Asphalt Concrete” **[Bid Item #304-A1]** unit price paid for in a unit area in square feet.
- “Deductive Item: Asphalt Berm” **[Bid Item #306-A1]** unit price paid for in a unit length in feet.

The contract price shall include full compensation for furnishing all the labor, materials, tools, equipment, soil preparation, incidentals, and for doing all the work necessary to do all work associated with these items, all as specified in the Standard Specifications, these special provisions, and as directed by the Engineer, and no additional compensation will be allowed.”

29. See Below for Contractor Questions and answers:

- For the Rectangular Rapid Flashing Beason (RRFB) **[Bid Item #418]** what size are the numerals? is it a full matrix sign? and does this call for any type of data collection?

Response: The RRFB will have 15” min. letters, features shall include the following:

1. *Full-Matrix*
2. *Speed limit flashes when a vehicle is detected exceeding the posted limit by 5 mph or more.*
3. *Yellow-Green Numerals preferred*

- Bid item: #507 EBMUD Water Meter and Service and section 2-22 EBMUD Water Service. Will the Town provide a bid price to the contractors for this item?

Response: There are now two bid items.

1. *Item one: The Contractor will be paid for the actual cost of application. In the Bid Schedule, a base price has been provided by the town. The contractor will be paid based on the actual application cost. If the application differs from the value in the bid schedule, the Town will pay the contractor the actual cost requested by EBMUD. No markup will be allowed on this item.*
2. *Item 2: The contractor’s cost for coordination during the application process.*

- Where on the plans is the landscaping shown?

Response: Landscaping is shown on sheet PM-04.

- Plan sheet GR-01 Alt and GR-02 Alt (Alternate #1) show a 3” asphalt concrete path. Bid item A1-304 is Rubberized RHMA Type G. Please conform the type of asphalt for the pathway.

*Response: The 3” overlay will consist of two lifts. 1.25” HMA (Leveling Course) **[Bid Item #303-A1]** and a 1.75” RHMA type G **[Bid Item #304-A1]** final lift.*

- Where does the 6” class 2 aggregate base rock below the AC pathway for alternate #1 get paid for?

Response: The Class 2 Aggregate Base for Alternative 1 is covered by the proposed Base Bid quantity.

- Plan sheet GR-01 Alt shows a concrete stairway to be removed and re-built. Which bid item does this work get paid?

*Response: A bid item has been added to Alternative 1 for Remove Concrete **[Bid Item #204-A1]**. and Concrete Sidewalk **[Bid Item #309-A1]**.*

- The slurry seal area on plan sheet PM-04 is about 10 times the bid quantity #301. Please confirm.
Response: Slurry Seal [Bid Item #301] quantity has been updated.
- Alternate #2 plan sheet GR-03 Alt specifies a section of 7" of asphalt concrete, bid item A2-304 is RHMA-G. Please confirm which material is correct.
Response: The 7" asphalt concrete for full-pavement section repair will be constructed as follows:
 - 5.25" Hot Mix Asphalt Concrete [Bid Item #303-A1]
 - 1.75" Rubberized Hot Mix Asphalt Concrete [Bid Item #304-A1]
- There is no bid item for the construction of AC Pathway for the base bid.
Response: The cost of the AC Pathway was incorporated into the Hot Mix Asphalt [Bid Item #303], Rubberized Hot Mix Asphalt [Bid Item #304], and Class 2 Aggregate Base [Bid Item #302]
- At station 46+50 & 52+00 plans show a new Valley Gutter but there is no bid item.
Response: The proposed Valley Gutter has been incorporated into the base bid item for Vehicular Concrete [Bid Item #311].
- Per plans, tree removal that are shown are only for the Alternate 1. Please confirm that there are no trees to be removed for the base bid.
Response: Two trees will be removed as part of the base bid; and seven trees for Alternative #1.
- Please add a roadway excavation or earthwork.
Response: Full Depth Asphalt Removal [Bid Item #203] has been added.
- What are the working days for the project if Alternate 1 or 2 or both selected?
Response: Maximum of five (5) additional workings days per Alternatives, if selected.
- It is not clear if Driveway & Handicap Ramp measurements & payments include Curb & Gutter in front or not. Please confirm that all Curb & Gutter on this project will be measured and paid for separately.
Response: Concrete improvements (Curb and Gutter, Sidewalk, Curb Ramp, Vehicular Concrete, etc.) have been measured separately and quantified on the bid schedule.

Reviewed by:

 6/10/19

Edric Kwan, P.E.
Public Works Director/Town Engineer

DATE

Shawn Knapp, P.E. for