

ADDENDUM NUMBER ONE

FOR THE

CITY OF LEMOORE

SB-1 STREET IMPROVEMENTS PROJECT

CIP 5018

October 22, 2021



OWNER:
City of Lemoore
711 W. Cinnamon Drive
Lemoore, CA 93245
(559) 924-6700

190271

PREPARED BY:
QK
901 E. Main Street
Visalia, CA 93292
(559) 733-0440

ADDENDUM NUMBER ONE

The following additions, deletions, or modifications shall become part of the Contract Documents for the City of Lemoore SB-1 Street Improvements project:

REVISIONS TO SPECIFICATIONS:

Item 1. Bid Proposal - Base Bid Items

Replace Page 1 through 4 with attached Addendum 1 Page 1 through Addendum 1 Page 4

Item 2 Bid Summary Form

Replace Page 6 through 7 with attached Addendum 1 Page 6 through Addendum 1 Page 7.

Item 3 Section 100 – Description of Bid Items

Replace Page 47 through 54 with attached Addendum 1 Page 47 through Addendum 1 Page 54.

REVISIONS TO DRAWINGS:

Item 4 Replace plan sheets 3 through 9 of the bid set dated 10/8/21 with the attached plan sheets 3 through 9 dated of 10/22/21. Revisions are noted on the plans.

REQUEST FOR INFORMATION:

Item 5 The Engineer's estimated construction budget range for the project is \$550,000 - \$620,000.

NOTE: One copy of this Addendum Number 1 shall be signed by the Contractor and must be submitted with the bid as acknowledgement of receipt and the acceptance of this Addendum Number 1.

Prepared by: 
Jeffery Cowart, P.E.
QK

October 22, 2021
Date

Accepted by: _____
Contractor (signature)

Date

BID PROPOSAL

FOR THE SB-1 STREET IMPROVEMENT PROJECT

TO: The City Manager
City of Lemoore

FROM: CONTRACTOR _____

Name of bidder

We, the undersigned bidder, having carefully examined the location of the Work, the Plans and Specifications, and all other Contract Documents, hereby propose to furnish, in strict accordance with the Contract Documents, all of the materials, labor and equipment necessary for the completion of this project and assume all liability imposed upon the Contractor by the Contract, and to accept as full compensation the unit prices set forth in the following bid items, to wit:

Note: bidders are required to write the unit price in both words and figures for each bid item.

BASE BID ITEMS

Item	Quantity	Unit	Item Description with Unit Price in Words	Unit Price	Bid Price
<u>PHASE I-RESIDENTIAL AREAS</u>					
1.	1 _____	L.S.	Phase I Mobilization & Demobilization @ _____ _____	Lump Sum	\$ _____
2.	1 _____	L.S.	Prepare Implement Pedestrian and Traffic Control @ _____ _____	Lump Sum	\$ _____
3.	1 _____	L.S.	Clearing, Grubbing & Demolition @ _____ _____	Lump Sum	\$ _____
4.	1 _____	L.S.	Roadway Excavation, Earthwork, Grading, and Compaction @ _____ _____	Lump Sum	\$ _____

IN CASE OF DISCREPANCY BETWEEN WORDS AND FIGURES, THE WORDS FOR UNIT PRICE QUOTED SHALL PREVAIL.

5.	<u>1</u>	EA.	Construct City Standard SD-2 Drain Inlet @ _____ _____ _____/EA. \$ _____
6.	<u>130</u>	L.F.	Construct City Std. 6' wide Valley Gutter @ _____ _____/L.F. \$ _____
7.	<u>72</u>	L.F.	Construct 12" PVC Storm Drain line @ ____ _____ _____/L.F. \$ _____
8.	<u>2,000</u>	L.F.	Crack Fill @ _____ _____ _____/L.F. \$ _____
9.	<u>472</u>	TONS	Furnish and Place Hot Mix Asphalt Concrete (Type B) @ _____ _____/TONS \$ _____
10.	<u>208</u>	C.Y.	Furnish and Place Class 2 Aggregate Base @ _____ _____/C.Y. \$ _____
11.	<u>886</u>	L.F.	5' Wide Cold Plane/Edge Grind @ _____ _____ _____/L.F. \$ _____
12.	<u>2640</u>	S.F.	Transition Grind @ _____ _____ _____/S.F. \$ _____

13. 3 EA. Adjust Sanitary Sewer Manhole to Grade

@ _____

_____/EA. \$ _____

14. 4 EA. Adjust Water Valve Box to Grade @ _____

_____/EA. \$ _____

PHASE 2-HANFORD-ARMONA ROAD

15. 1 L.S.. Phase 2 Mobilization & Demobilization @ _ [2.1]

Lump Sum \$ _____

16. 1 LS. Prepare Implement Pedestrian and Traffic Control Plan(s) @ _____

_____ Lump Sum \$ _____

17. 1 L.S. Clearing, Grubbing & Demolition @ _____ **[2.3]**

Lump Sum \$ _____

18.	<u>1</u>	L.S.	Roadway Excavation, Earthwork, Grading, and Compaction @ _____	[2.4]
			Lump Sum	\$

19.	<u>1391</u>	TONS	Furnish and Place 6" Hot Mix Asphalt	[2.5]
			Concrete (Type B) @ _____	
				/TONS \$

20.	<u>1374</u>	C.Y.	Furnish and Place Class 2 Aggregate Base	[2.6]
			@ _____	
			_____ /C.Y.	\$ _____
21.	<u>1</u>	L.S.	Signing, Striping and Pavement Marking	[2.7]
			Modifications @ _____	
			_____ Lump Sum	\$ _____
22.	<u>10,000</u>	L.F.	Crack Fill @ _____	[2.8]

			_____ /L.F.	\$ _____
23.	<u>850</u>	S.F.	Deep Patch @ _____	[2.9]

			_____ /S.F.	\$ _____
24.	<u>50,000</u>	S.F.	Slurry Seal @ _____	[2.10]

			_____ /S.F.	\$ _____
25.	<u>16</u>	EA.	Adjust Water Valve Box to Grade @ _____	[2.11]

			_____ /EA.	\$ _____
26.	<u>4</u>	EA.	Adjust Storm Drain Manhole to Grade @ _____	[2.12]

			_____ /EA.	\$ _____
27.	<u>3</u>	EA.	Reconstruct Survey Monuments @ _____	[2.13]

			_____ /EA.	\$ _____

BID SUMMARY

Total amount of Base Bid Items 1 through 27 \$ _____

Total amount of Base Bid is _____
_____ dollars and _____ cents.

ALL BID PRICES IN THE BASE BID SECTION SHALL BE DETERMINED BASED ON THE UNIT PRICE. IN CASE OF DISCREPANCY BETWEEN THE UNIT PRICE IN WORDS AND FIGURES, THE UNIT PRICE QUOTED IN WORDS SHALL PREVAIL.

The city reserves the right to waive any informalities or minor irregularities in the bids. In case the unit price in words is incorrectly written as the bid price for a quantity based item, and the price in words matches exactly the numerical bid price, it will be considered that the unit price in figures is given in good faith. Only in such cases, the unit price in figures will be used.

CONTRACTOR SHALL BID ON ALL OF THE ITEMS IN THE BASE BID SECTION AND, IF APPLICABLE, THE ALTERNATE BID SECTION. THE OWNER RESERVES THE RIGHT TO REJECT ANY OR ALL BIDS.

The low bid shall be determined as described in the Notice to Bidders.

If written notice of the Award of Contract is mailed, faxed, or delivered to the undersigned at any time before this bid is withdrawn, the undersigned shall, within ten (10) days after the date of such mailing, faxing, or delivering of such notice, execute and deliver an agreement in the form of agreement present in these Contract Documents and give Performance and Payment Bonds in accordance with the specifications and bid as accepted.

The undersigned hereby designates as the office to which such Notice of Award of Contract may be mailed, faxed, or delivered:

Our Public Liability and Property Damage Insurance is placed with:

Our Workers' Compensation Insurance is placed with:

Circular letters, bulletins, addenda, etc., bound with the specifications or issued during the time of bidding are included in the bid, and, in Completing the Contract, they are to become a part thereof.

This bid may be withdrawn at any time prior to the scheduled time for the opening of bids or any authorized postponement thereof.

A bidder shall not submit a bid unless the bidder's California contractor's license number appears clearly on the bid, the license expiration date and class are stated, and the bid contains a statement that the representations made therein are made under penalty of perjury. Any bid submitted by a contractor who is not licensed pursuant to Business and Professions Code section 7028.15 shall be considered nonresponsive and shall be rejected. Any bid not containing the above information may be considered nonresponsive and may be rejected.

ADDENDA - This proposal is submitted with respect to the changes to the contract included in addendum number/s

_____.

WARNING: If an addendum or addenda have been issued by the administering agency and not noted above as being received by the bidder, this proposal may be rejected.

The undersigned has carefully checked all of the above figures and understands that the City shall not be responsible for any errors or omissions on the part of the undersigned in making up this bid.

A certified or cashier's check made payable to the City, or a bid bond in favor of said City on the City's form, for

_____ (\$ _____),

which amount is not less than ten percent (10%) of the total amount of this proposal, is attached hereto and is given as a guarantee that the undersigned will execute an agreement and furnish the required bonds if awarded the contract and in case of failure to do so within ten days from notice of award the same will be forfeited to the City.

SECTION 100 - DESCRIPTION OF BID ITEMS

The unit price or lump sum bid per unit measure of work for each of the Bid Items described below shall include all costs of labor, equipment, materials, and incidentals necessary for the furnishing and constructing the contract items, complete in place and operating, in accordance with the Contract Documents.

100-01 BID ITEM 1 & 15 – PHASE 1 & PHASE 2 MOBILIZATION & DEMOBILIZATION

This item is bid on a lump sum basis and shall consist of compensation for the movement of personnel, equipment, supplies, and incidentals to the project site, and for all costs of bonds, insurance, duplications of the construction documents for the Contractor and his subcontractors, and preparation of as-built drawings. The “base amount” for purposes of computing progress payments for Mobilization is **Ten Thousand Dollars (\$10,000)**. Payments for Mobilization will be made with regular monthly progress payments as specified in the City Standard Specifications Subsections 9-6 “*Partial (“Progress”) Payments and Retentions*” and 9-10 “*Final Progress Payment*”.

Progress payment for this item shall be computed as follows:

When five percent (5%) of the original contract amount is earned from other bid items, fifty percent (50%) of the amount bid for Mobilization or fifty percent (50%) of the base amount listed above, whichever is less, will be paid.

When ten percent (10%) of the original contract amount is earned from other bid items, ninety percent (90%) of the amount bid for Mobilization or ninety percent (90%) of the base amount listed above, whichever is less, will be paid.

Following the City Engineer’s receipt, review, and approval of “as-built” drawings as specified in Subsection 97-32.3, “*As-Built Record*”, of the Special Provisions, the remaining ten percent (10%) of the amount bid for Mobilization or the remaining ten percent (10%) of the base amount listed above, whichever is less, will be paid. The ten percent (10%) withheld for “as-built” drawings per this provision is in addition to the 5% withheld per Public Contract Code section 7201.

Any portion of the bid for Mobilization exceeding the base amount will be paid with the final payment for the project.

Full compensation for Bid Item 1 & 15 – Phase 1 & PHASE 2 Mobilization & Demobilization and Bid Item 1 & 15 – Phase 1 & PHASE 2 Mobilization & Demobilization shall be included in the bid and no separate payment will be made therefor. Payment will be made at the contract price, which shall be full compensation for the work as described herein, complete in place, including all labor, materials, tools, equipment, and incidentals.

100-02 BID ITEM 2 & 16– PREPARE AND IMPLEMENT PEDESTRIAN AND TRAFFIC CONTROL PLAN

This is a lump sum bid for traffic control. Reference is made to these special provisions and City Standard Specifications, Section 7 “*Legal Relations and Responsibility*”. The Contractor shall estimate all costs involved to comply with the requirements for traffic control.

100-02.1 General

Traffic control shall conform to the provisions of Subsections 7-17 “*Public Convenience*” and 7-18 “*Public Safety*” of the Standard Specifications, these Special Provisions, the Caltrans Traffic Manual, Chapter 5, “*Manual of Traffic Controls for Construction and Maintenance Work Zones*”, the California 2014 “*Manual on Uniform Traffic Control Devices*” (MUTCD) and the California Supplement thereto, Part 6, “*Temporary Traffic Control*”.

Compliance with the requirements of said manual shall be considered as a minimum requirement and it shall be the responsibility of the Contractor to provide additional safety devices for a safe condition and for coordination with all existing traffic control in place. An approved traffic control plan is required prior to beginning construction. The traffic control plan shall incorporate the restrictions below.

The Contractor shall maintain at least one access to a commercial site, school and/or public facility at all times. On major streets, if construction in the paved travel lanes is necessary, at least one twelve (12') foot wide paved lane in each direction of travel shall be maintained at all times. No more than one residential street may be closed at one time and no intersection shall be closed more than forty-eight (48) hours.

The Contractor shall provide temporary safe pedestrian passageways and ADA access around a construction site at all times. Complete pedestrian paths of travel shall be provided by the Contractor in accordance with the California 2014 MUTCD, ADA Standards, CBC, and DSA-AC Reference Manual. The Contractor shall pay the City **One Hundred Dollar (\$100) per Calendar Day for each location** where the Contractor fails to provide a complete pedestrian path of travel. Said payment shall be deducted from the Contract amount.

The Contractor shall protect the construction area from the public. Open trench or trenches shall not be more than a total of 200 feet in length after working hours. Prior to completion of work each day, the Contractor shall backfill and provide temporary trench resurfacing before leaving the site.

100-02.2 Road Closures and Traffic Detour

The Contractor shall be responsible for the design, construction and removal of traffic detour(s) and related traffic control for the construction of the facilities under this Contract. The city has established the acceptable traffic interruptions guidelines for the roadways being crossed. The Contractor shall submit to the City, for approval by the Engineer, detailed drawing indicating the proposed detour facilities to be constructed in accordance with Subsection 7-17 "*Public Convenience*" of the Standard Specifications. Traffic detour(s) shall be designed in accordance with the California 2014 MUTCD. No work shall begin on the construction of the traffic detour until written approval has been granted by the Engineer. The Contractor shall comply with the following traffic requirements at all times.

All detours or road closures shall be announced to the public by the Contractor by use of programmable electronic sign message boards secured by the Contractor. The message boards are to be in place for a minimum of **seven (7) days** prior to placement of any detour or road closure and shall be maintained for the life of the detour(s). One message board shall be in place for each direction of traffic flow.

Traffic Control for Phase II, Hanford-Armona Road Improvements, must accommodate an eastbound lane from SR 41 along Hanford-Armona Road at all times. Westbound traffic may be detoured as needed in coordination with the City.

Reference is made to Subsections 8-8 "*Time of Completion*" and 8-9 "*Liquidated Damages*" of the Standard Specifications. Liquidated damages shall be accrued at a rate of **two thousand dollars (\$2,000.00)** per calendar day for each and every calendar day of traffic detour operation not in compliance with the above stated conditions under this Contract. Liquidated damages will be cumulative.

Full compensation for *Bid Item 2 & 16– Prepare and Implement Pedestrian and Traffic Control Plan* shall be included in the bid and no separate payment will be made therefor. Payment will be made at the contract price, which shall be full compensation for the work as described herein, complete in place, including all labor, materials, tools, equipment, and incidentals.

100-03 BID ITEM 3 & 17 – CLEARING, GRUBBING AND DEMOLITION

This item is a lump sum bid for clearing and grubbing. Reference is made to Section 16 "*Clearing, Grubbing, and Demolition*" in the City of Standard Specifications.

Clearing and grubbing shall consist of removal and disposal of all objectionable materials, asphalt concrete, concrete improvements, bushes, plants and other vegetable matter where shown to be removed, roots, and other obstructions within the limits of the work, as required for the construction of the project and as indicated on the plans.

The lump sum price for this item shall include all saw cutting necessary for neat removal of paving and concrete improvements as shown on the Construction Plan(s) and as directed by the City

Engineer. Saw cutting and removal of concrete improvements shall be included in this item unless the works are covered in the other bid item(s).

If Contractor desires and City approves in writing, the materials removed from existing pavement could be recycled and used as the aggregate base for the new pavement. All materials shall be prepared, applied and compacted in accordance with City Standard Specifications, Sections 25 "Aggregate Subbases" and 26 "Aggregate Bases".

Removal of concrete and paving materials shall be included in the unit price of the bid item, which directly associates with the work as said. All clearing and grubbing shall be included in this lump sum bid price unless provided otherwise.

All excess and removed soils, asphalt concrete, aggregate base and sub-base materials shall be disposed away from the project site lawfully by the Contractor. No unauthorized dumping on other property is allowed.

Whether shown on the plans or not, existing improvements, adjacent property, utility and other facilities, and trees and plants that are not to be removed shall be protected from injury or damage resulting from the Contractor's operations.

Full compensation for *Bid Item 3 & 17 – Clearing, Grubbing and Demolition* shall be included in the lump sum bid. The amount bid shall be the "final pay quantity" for this work. No additional compensation nor separate payment will be made therefor. Payment will be made at the contract lump sum price, which price shall be full compensation for the work as described herein, complete in place, including all labor, materials, tools, equipment, and incidentals.

100-04 BID ITEM 4 & 18 – ROADWAY EXCAVATION, EARTHWORK, GRADING AND COMPACTION

This is a lump sum bid for roadway excavation, earthwork, grading and compaction. The work shall be completed in accordance with the Standard Specifications, Section 19 "Earthwork" and the Caltrans Standard Specifications, Section 19 "Earthwork". Grading will be accomplished to design grades after clearing and grubbing and includes all earthwork, excavation, and grading required achieving the required grades and cross-sections shown on the Plans.

The quantity is a theoretical estimate of in-place cut-and-fill material for the earthwork and includes any additional excavation required for removal and disposal of unstable or unsuitable subgrade material and replacement of acceptable fill material in accordance with the Standard Specifications, Subsection 19-2.07 "Subgrade Preparation, Compaction" or as directed by the Engineer. Actual quantities may vary from the theoretical. The quantity is given to provide an estimation of the work involved, and the Contractor shall make his own investigations to satisfy himself as to the extent of the labor, equipment and materials required to complete the excavation and fill to the lines and grades indicated on the Plans.

The Contractor shall note that this is a FINAL PAY Item as specified in Subsection 9-1.015 of the Standard Specifications of the State of California Department of Transportation. As specified in said Subsection 9-1.015, payment for this Item will be for the total amount listed and in the Bid Proposal only, regardless of the actual quantities of earthwork (excavation, grading, or fill) actually performed, whether more or less than the bid quantities. Adjustments will only be made in accordance with said Subsection 9-1.015. The bid for this item shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals for performing the above-described work to the lines and grades established on the Plans, and no additional payment will be made therefore.

100-05 BID ITEM 5 – CONSTRUCT CITY STANDARD SD-2 DRAIN INLET

This item is a unit price bid per each for construction of storm drain inlet and the connections of adjacent drainage system. The work shall be completed in accordance with the provisions in these provisions herein, the City Standard Specifications Section 63 "Storm Drainage Facilities," and Subsection 19-3 "Trench and Structure Excavation, Backfill and Restoration of Surfaces."

This item consists of constructing concrete storm drain inlet at the location(s) as shown on the Construction Plans and as directed by the Engineer. The work shall include excavation, saw-cutting, removal and disposal of existing improvement/obstruction, compaction, preparation of base and sub-grade, frame work, furnishing and installing cement mortars, rebar, and steel plates, furnishing, curing and finishing Portland cement concrete at the design grades, matching the flow lines of adjacent gutters and/or drainage system, submittals, testing, certificates, and warranty.

Full compensation for *Bid Item 5 – Construct City Standard SD-2 Drain Inlet* shall be included in the bid and no separate payment will be made therefor. Payment will be made at the contract price, which shall be full compensation for the work as described herein, complete in place, including all labor, materials, tools, equipment, and incidentals.

100-06 BID ITEM 6 – 6' WIDE CONCRETE VALLEY GUTTER

This is a unit price bid per lineal foot for constructing concrete valley gutters in conjunction with the adjacent surface improvements. The work shall be completed in accordance with these technical provisions herein, the City Standard Specifications Section 73 *“Concrete Curbs, Sidewalks, Surface Improvements”*, and the City Standard Drawings ST-4 *“Alley”*, and ST-10 *“Concrete Valley Gutter”*.

This item consists of furnishing and placing concrete valley gutters as shown on the Construction Plans and as directed by the Engineer. The work shall involve, but not be limited to, all applicable work including excavation, saw-cutting, removal and disposal of existing concrete improvements, backfill, compaction, preparation of base and sub-grade, form work, reinforcements, furnishing, placing, curing and finishing Portland cement concrete at the design grades, match the grades of adjacent curbs, resurfacing adjacent surface improvements in kind, submittals, testing, certificates, and warranties.

Full compensation for *Bid Item 6 – 6' Wide Concrete Valley Gutter* shall be included in the bid and no separate payment will be made therefor. Payment will be made at the contract price, which shall be full compensation for the work as described herein, complete in place, including all labor, materials, tools, equipment, and incidentals.

100-07 BID ITEM 7 – CONSTRUCT 12" PVC STORM DRAIN LINE

This item is a unit price bid per linear foot for storm drain pipelines with PVC SDR26 pipe in the size as noted. The work shall be completed in accordance with these provisions herein, the City Standard Specifications Section 63 *“Storm Drainage Facilities,”* and Subsection 19-3 *“Trench and Structure Excavation, Backfill and Restoration of Surfaces.”*

This item consists of furnishing and installing storm drain pipelines and connecting to drainage system at the location(s) as shown on the Construction Plans and as directed by the Engineer. The work shall include excavation, bedding, backfilling, furnish and applying mortar, grouts and all related appurtenances, furnish, delivery, installation and protection of reinforced concrete pipes at the flow lines as shown on the Construction Plans, submittals, testing, certificates, and warranty.

Full compensation for *Bid Item 7 – Construct 12" PVC Storm Drain Line* shall be included in the bid and no separate payment will be made therefor. Payment will be made at the contract price, which shall be full compensation for the work as described herein, complete in place, including all labor, materials, tools, equipment, and incidentals.

100-08 BID ITEM 8 & 22 – CRACK FILL

This item is bid per linear foot for crack fill along the Hanford-Armona Road section and residential streets designated within this project and encompassing the area indicated on the plans in accordance with the provisions in the Technical Specifications Section 1600 *“Patching and Crack Sealing”* and the Technical Provision Subsection 99-06 *“Miscellaneous Surface Improvements”* herein.

The work shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals and for doing all the work involved in the furnishing and placing of the crack fill complete

in place, including cleaning and preparing the cracks and installing and protecting the sealant until it has set, all as shown on the plans, as specified in these specifications and Caltrans Standard Specifications Section 37 and as directed by the Engineer.

Full compensation for *Bid Item 8 & 22 – Crack Fill* shall be included in the bid and no separate payment will be made therefor.

100-09 BID ITEM 9 & 19– FURNISH AND PLACE HOT MIX ASPHALT CONCRETE (TYPE B)

This is a unit price bid per ton in accordance with the provisions of the City Standard Specifications Section 5 “*Asphalt Concrete Pavement*”, the Caltrans Standard Specifications Section 39 “*Asphalt Concrete*”, and the Technical Provisions herein.

This item consists of furnishing and placing asphalt concrete, Type-A and/or B, at the thickness and locations as shown on the Construction Plans, complete and in place. The limits, lengths, widths and thickness of spread for each project shall be determined from the project drawings, plans, specifications and applicable City Standard Drawings as set forth in these Special Provisions.

Full compensation for *Bid Item 9 & 19– Furnish and Place Hot Mix Asphalt Concrete (Type B)* shall be included in the bid and no separate payment will be made therefor. Payment will be made at the contract price, which shall be full compensation for the work as described herein, complete in place, including all labor, materials, tools, equipment, and incidentals.

100-10 BID ITEM 10 & 20 – FURNISH AND PLACE CLASS 2 AGGREGATE BASE

This is a unit price bid per ton for installing, grading and compacting aggregate base at the thickness and locations as shown on the Construction Plans, complete and in place. The work shall conform to the provisions of the City Standard Specifications, Section 5.4 “*Aggregate Base*”, the latest edition of Caltrans Standard Specifications, Sections 12, 13 and 26, and the Technical Provisions Subsection 99-03 “*Aggregate Bases and Subbases*” above.

The work shall include preparation of subgrade, delivery, grading, compaction, removal and disposal of any excessive materials. The limits, lengths, widths and thickness of spread for each project shall be determined from the project drawings, plans, specifications and applicable City Standard Drawings as set forth in these Special Provisions.

Full compensation for *Bid Item 10 & 20 – Furnish and Place Class 2 Aggregate Base* shall be included in the bid and no separate payment will be made therefor. Payment will be made at the contract price, which shall be full compensation for the work as described herein, complete in place, including all labor, materials, tools, equipment, and incidentals.

100-11 BID ITEM 11 – 5’ WIDE COLD PLANE/EDGE GRIND

This item is bid per lineal foot for the cold planing of asphalt concrete pavement and shall be completed in accordance with the Special Provisions Subsection 99-05, “*Cold Planing Asphalt Concrete Pavement*”, above.

The item consists of performing cold planing of asphalt concrete pavement to the depths as shown on the Plans and as directed by the Engineer. The quantity to be paid for will be actual area of surface planed irrespective of the number of passes required. The work shall also include grinding down all existing, if any, cross trench pavement and undulations within the grinding limits. No additional payment will be made for grinding down these existing pavements and undulations to the design grades as required on the Plans.

Full compensation for *Bid Item 11 – 5’ Wide Cold Plane/Edge Grind* shall be included in the bid and no separate payment will be made therefor. Payment will be made at the contract price, which shall be full compensation for the work as described herein, complete in place, including all labor, materials, tools, equipment, and incidentals.

100-12 BID ITEM 12 – TRANSITION GRIND

This item is bid per square foot for the cold planing of asphalt concrete pavement and shall be completed in accordance with the Special Provisions Subsection 99-05, *“Cold Planing Asphalt Concrete Pavement”*, above.

The item consists of performing cold planing of asphalt concrete pavement to the depths as shown on the Plans and as directed by the Engineer. The quantity to be paid for will be actual area of surface planed irrespective of the number of passes required. The work shall also include grinding down all existing, if any, cross trench pavement and undulations within the grinding limits. No additional payment will be made for grinding down these existing pavements and undulations to the design grades as required on the Plans.

Full compensation for *Bid Item 12 – Transition Grind* shall be included in the bid and no separate payment will be made therefor. Payment will be made at the contract price, which shall be full compensation for the work as described herein, complete in place, including all labor, materials, tools, equipment, and incidentals.

100-13 BID ITEM 13 – ADJUST SANITARY SEWER MANHOLE TO GRADE

This item is a unit price bid per each for adjusting manhole to finish grade in accordance with the provisions in the Technical Specifications and the Technical Provision Subsection 99-06 *“Miscellaneous Surface Improvements”* herein.

The work shall involve, but not be limited to, excavation, removal and disposal of excess materials, compaction, preparation of sub-grade, adjustment of manhole frame and cover to finish grade of new surface improvement, furnishing and installation of grade rings, concrete collar, precast concrete rings, tapered cone, eccentric cone, precast riser, concrete, mortar, tack coat, and asphalt concrete, submittals, and warranty.

Full compensation for Bid Item 13 – Adjust Sanitary Sewer Manhole to Grade shall be included in the bid and no separate payment will be made therefor. Payment will be made at the contract price, which shall be full compensation for the work as described herein, complete in place, including all labor, materials, tools, equipment, and incidentals.

100-14 BID ITEM 14 & 26 – ADJUST WATER VALVE BOX TO FINISH GRADE

This item is a unit price bid per each for adjusting manhole to finish grade in accordance with the provisions in the Technical Specifications and the Technical Provision Subsection 99-06 *“Miscellaneous Surface Improvements”* herein.

The work shall involve, but not be limited to, excavation, removal and disposal of excess materials, compaction, preparation of sub-grade, adjustment of valve box to finish grade of new surface improvement, furnishing and installation of PVC riser, concrete collar, tack coat, and asphalt concrete, submittals, and warranty.

Full compensation for Bid Item 14 & 26 – Adjust Water Valve Box to Finish Grade shall be included in the bid and no separate payment will be made therefor. Payment will be made at the contract price, which shall be full compensation for the work as described herein, complete in place, including all labor, materials, tools, equipment, and incidentals.

100-15 BID ITEM 21 – SIGNING, STRIPING AND PAVEMENT MARKING MODIFICATIONS

This item is a lump sum bid for furnish and installing/replacing traffic striping, markings, pavement markers, and signage in accordance with the Technical Provision in these Specifications, the applicable City Standard Drawings, the Technical Specifications Section 600 *“Signing, Striping and Pavement Markings”*, and the Caltrans Standard Specifications Section 84 *“Traffic Stripes and Pavement Markings”*.

This item shall be completed within the allowable time as described in the Technical Provisions of the Subsection 99-07.7 *“Striping and Marking Pavement”*. Unless otherwise directed by the Engineer, failure to comply shall result in additional liquidated damages at **Two Hundred Dollars**

(\$200) per calendar day. Deduction shall be made from the payment to the Contractor or at the discretion of the Engineer.

The work shall include furnishing and installing all applicable traffic stripes, stop bars, crosswalks, on-site and off-site parking stalls, pavement markings, and traffic signage at the locations as shown on the Construction Drawings/Maps and as directed by the Engineer. The work shall also involve all applicable work as such, but not be limited to, cleanup, establishing alignment for stripes and all layout work, removal of existing striping, markings, and markers, furnishing and installation/application of blue dot markers for all fire hydrants, seal coats, traffic signs, signposts, submittals, certificates, and coordination with other public agencies.

Full compensation for *Bid Item 21 – Signing, Striping and Pavement Marking Modifications* shall be included in the bid and no separate payment will be made therefor. Payment will be made at the contract price, which shall be full compensation for the work as described herein, complete in place, including all labor, materials, tools, equipment, and incidentals.

100-16 BID ITEM 23 –FULL-DEPTH PAVEMENT PATCH

Payment for Full Depth Pavement Patch shall be at the contract price paid per square foot and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, and for doing all the work in accordance with Section 19-3 “Structure Excavation and Backfill” of the Standard Specifications, the Special Provisions, the Contract Documents, and as directed by the Engineer including, but not limited to, sawcutting or trimming the existing pavement, removal and disposal of the existing pavement section, subgrade preparation and compaction, clean up preparation for final trench surfacing, application of tack coat, and installing the final trench resurfacing section (full structural section including subgrade, AB, HMA) and providing seamless joints with the existing pavement where required. The full-depth patch pavement section shall match the new pavement section for Hanford-Armona Road, as shown on the plans.

The work shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals and for doing all the work involved, complete and in place, including protecting the patch until it has set, as shown on the plans, as specified in these specifications and Caltrans Standard Specifications Section 37 and as directed by the Engineer.

Full compensation for *Bid Item 23 –Full-Depth Pavement Patch* shall be included in the bid and no separate payment will be made therefor.

100-17 BID ITEM 24 –SLURRY SEAL

This item is bid per square foot for slurry seal application along the Hanford-Armona Road section designated within this project and encompassing the area indicated on the plans in accordance with the provisions in the Technical Specifications Section 2800 “*Slurry Seal*” and the Technical Provision Subsection 99-06 “*Miscellaneous Surface Improvements*” herein..

The work shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals and for doing all the work involved in the furnishing and placing of the slurry seal complete in place, including cleaning the surface and protecting the slurry seal until it has set, all as shown on the plans, as specified in these specifications and Caltrans Standard Specifications Section 37 and as directed by the Engineer.

Full compensation for *Bid Item 24 –Slurry Seal* shall be included in the bid and no separate payment will be made therefor.

100-18 BID ITEM 25 – ADJUST STORM DRAIN MANHOLE TO GRADE

This item is a unit price bid per each for adjusting manhole to finish grade in accordance with the provisions in the Technical Specifications and the Technical Provision Subsection 99-06 “*Miscellaneous Surface Improvements*” herein.

The work shall involve, but not be limited to, excavation, removal and disposal of excess materials, compaction, preparation of sub-grade, adjustment of manhole frame and cover to finish grade of new surface improvement, furnishing and installation of grade rings, concrete collar, precast

concrete rings, tapered cone, eccentric cone, precast riser, concrete, mortar, tack coat, and asphalt concrete, submittals, and warranty.

Full compensation for *Bid Item 25 – Adjust Storm Drain Manhole to Grade* shall be included in the bid and no separate payment will be made therefor. Payment will be made at the contract price, which shall be full compensation for the work as described herein, complete in place, including all labor, materials, tools, equipment, and incidentals.

100-19 BID ITEM 27 – RECONSTRUCT SURVEY MONUMENTS

This item is a unit price bid per each for reconstruction of each of the survey monuments that the pavement rehabilitation and improvements are anticipated to disturb. The work shall be completed by a licensed surveyor.

The surveyor, whether city or private, shall reference all monuments to be affected by construction. Upon completion and acceptance of new improvements, the surveyor shall reset any monuments that have been destroyed due to the construction of the project and file a Corner Record or Record of Survey with the County Surveyor.

Full compensation for *Bid Item 27 – Reconstruct Survey Monuments* shall be included in the bid and no separate payment will be made therefor.