

ADDENDUM NUMBER 3

FOR THE

CITY OF CORCORAN

**2020 MICRO-SURFACING & STREET
IMPROVEMENTS PROJECT**

September 15, 2020



OWNER:
City of Corcoran
832 Whitley Avenue
Corcoran, CA 93212
(559) 992-2151

PREPARED BY:
A&M
310 W Murray Avenue
Visalia, CA 93291
(559) 429-4747

ADDENDUM NUMBER 3

The following addition, deletions, or modifications shall become part of the Contract Documents for the City of Corcoran 2020 Micro-surfacing & Street Improvements project:

REVISIONS TO NOTICE TO CONTRACTORS AND SPECIAL PROVISIONS:

ITEM No. 1 REVISION TO ESTIMATED QUANTITY

- Page 15, "Copy of Engineer's Estimate" Updated quantity for Item No. 32

ALTERNATE BID 4 (HANNA AVENUE)			
Item No.	Description	Units	Quantity
30	Traffic Control Plan & Implementation	L.S.	1
31	5' Wide Cold Planning & Grinding	S.Y.	11
32	Type II (0.15 to 0.20%) Fiberized Black Rock Micro-surfacing	S.Y.	1778
33	Signing, Striping, & Pavement Markings, (2 Coats)	L.S.	1

- Page 75, "Bid Schedule" Updated quantity for Item No. 32

ADDITIVE ALTERNATE BID 4 (HANNA AVENUE)					
Item No.	Description	Units	Quantity	Unit Cost	Total Cost
30	Traffic Control Plan & Implementation	L.S.	1		
31	5' Wide Cold Planning & Grinding	S.Y.	11		
32	Type II (0.15 to 0.20%) Fiberized Black Rock Micro-surfacing	S.Y.	1778		
33	Signing, Striping, & Pavement Markings, (2 Coats)	L.S.	1		
Total Additive Alternate Bid 4 Amount					

REVISIONS TO PLAN DOCUMENTS:

ITEM No. 1 REVISION TO ESTIMATED QUANTITIES

- Plan Sheet 12, Updated Area for Hanna Avenue

ESTIMATED QUANTITIES (ALTERNATE BID 4)				
ROAD	APPROX. LENGTH (FT)	AVERAGE WIDTH (FT)	AREA	
			SF	SY
HANNA AVENUE	320	50	16,000	1778

Revised pages are attached to the end of this document.

NOTE: One copy of this Addendum Number 3 shall be signed by the Contractor and must be submitted with the bid as acknowledgement of receipt and the acceptance of this Addendum Number 3.

Prepared by: 

Orfil Muniz, P.E.
A&M Consulting Engineers

9/15/2020

Date

Accepted by: _____
Contractor (signature)

Date

**COPY OF ENGINEER'S ESTIMATE
(NOT TO BE USED FOR BIDDING PURPOSES)**

2020 MICRO-SURFACING & STREET IMPROVEMENTS.

BASE BID			
Item No.	Description	Units	Quantity
1	Mobilization / Demobilization including bonds, permits, licenses, fees required to perform the work	L.S.	1
2	Perform Traffic Control, Detours, and Access	L.S.	1
3	Storm Water Pollution Prevention Plan (SWPPP) and Fugitive Dust Control Plan (FDCP) Preparation & Implementation	L.S.	1
4	Demolition, Clearing and Grubbing, Striping Removal, Concrete & Pavement Removal, and any other work required to perform the work	L.S.	1
5	Construct 0.30' Asphalt Concrete, Type 'A' complete and in place	TON	123
6	Construct Class II Aggregate Base	TON	264
7	Install Signing, Striping, Pavement Markings, & Reflective Markers, complete and in place	L.S.	1
8	Construct 0.30' thick Accessible Ramp and Sidewalk, complete and in place	S.F.	1560
9	Construct City Standard 6" Concrete Curb and Gutter, complete and in place	L.F.	1130
10	Construct Drain-Inlet, complete and in place	E.A.	1
11	Construct 6" Reinforced Concrete Drive Approach, complete and in place	S.F.	1120
12	Construct 8" Concrete Curb, complete and in place	L.F.	80
13	Perform Sawcut	L.F.	2760
14	Construct 6" wide, 4" thick concrete Mow Strip, complete and in place	L.F.	85
15	Construct Chain Link Fence & Gates, complete and in place	L.F.	90
ALTERNATE BID 1 (OTIS AVENUE)			
Item No.	Description	Units	Quantity
16	Traffic Control Plan & Implementation	L.S.	1
17	5' Wide Cold Planning & Grinding	S.Y.	100
18	Type II (0.15 to 0.20%) Fiberized Black Rock Micro-surfacing	S.Y.	11708
19	Type III (0.15 to 0.20%) Fiberized Black Rock Micro-surfacing	S.Y.	11708
20	Signing, Striping, & Pavement Markings, (2 Coats)	L.S.	1
ALTERNATE BID 2 (DAIRY AVENUE)			
Item No.	Description	Units	Quantity
21	Traffic Control Plan & Implementation	L.S.	1
22	Type II (0.15 to 0.20%) Fiberized Black Rock Micro-surfacing	S.Y.	17666
23	Type III (0.15 to 0.20%) Fiberized Black Rock Micro-surfacing	S.Y.	17666
24	Signing, Striping, & Pavement Markings, (2 Coats)	L.S.	1

ALTERNATE BID 3 (WHITLEY AVENUE)			
Item No.	Description	Units	Quantity
25	Traffic Control Plan & Implementation	L.S.	1
26	5' Wide Cold Planning & Grinding	S.Y.	34
27	Type II (0.15 to 0.20%) Fiberized Black Rock Micro-surfacing	S.Y.	13361
28	Type III (0.15 to 0.20%) Fiberized Black Rock Micro-surfacing	S.Y.	13361
29	Signing, Striping, & Pavement Markings, (2 Coats)	L.S.	1
ALTERNATE BID 4 (HANNA AVENUE)			
Item No.	Description	Units	Quantity
30	Traffic Control Plan & Implementation	L.S.	1
31	5' Wide Cold Planning & Grinding	S.Y.	11
32	Type II (0.15 to 0.20%) Fiberized Black Rock Micro-surfacing	S.Y.	1778
33	Signing, Striping, & Pavement Markings, (2 Coats)	L.S.	1
ALTERNATE BID 5 (LETTS AVENUE)			
Item No.	Description	Units	Quantity
34	Traffic Control Plan & Implementation	L.S.	1
35	Type II (0.15 to 0.20%) Fiberized Black Rock Micro-surfacing	S.Y.	9936
36	Signing, Striping, & Pavement Markings, (2 Coats)	L.S.	1
ALTERNATE BID 6 (ORANGE AVENUE)			
Item No.	Description	Units	Quantity
37	Traffic Control Plan & Implementation	L.S.	1
38	5' Wide Cold Planning & Grinding	S.Y.	55
39	Type II (0.15 to 0.20%) Fiberized Black Rock Micro-surfacing	S.Y.	9823
40	Signing, Striping, & Pavement Markings, (2 Coats)	L.S.	1
ALTERNATE BID 7 (NORTH AVENUE / YODER BLVD)			
Item No.	Description	Units	Quantity
41	Traffic Control Plan & Implementation	L.S.	1
42	Type II (0.15 to 0.20%) Fiberized Black Rock Micro-surfacing	S.Y.	10882
43	Signing, Striping, & Pavement Markings, (2 Coats)	L.S.	1
ALTERNATE BID 8 (LETTS AVENUE)			
Item No.	Description	Units	Quantity
44	Traffic Control Plan & Implementation	L.S.	1
45	Type II (0.15 to 0.20%) Fiberized Black Rock Micro-surfacing	S.Y.	6153
46	Signing, Striping, & Pavement Markings, (2 Coats)	L.S.	1

ALTERNATE BID 9 (FLORY AVENUE)			
Item No.	Description	Units	Quantity
47	Traffic Control Plan & Implementation	L.S.	1
48	Type II (0.15 to 0.20%) Fiberized Black Rock Micro-surfacing	S.Y.	5051
49	Type III (0.15 to 0.20%) Fiberized Black Rock Micro-surfacing	S.Y.	5051
50	Signing, Striping, & Pavement Markings, (2 Coats)	L.S.	1
ALTERNATE BID 10 (VAN DORSTEN AVENUE)			
Item No.	Description	Units	Quantity
51	Traffic Control Plan & Implementation	L.S.	1
52	Type II (0.15 to 0.20%) Fiberized Black Rock Micro-surfacing	S.Y.	12109
53	Signing, Striping, & Pavement Markings, (2 Coats)	L.S.	1
ALTERNATE BID 11 (OTTOWA AVENUE)			
Item No.	Description	Units	Quantity
54	Traffic Control Plan & Implementation	L.S.	1
55	5' Wide Cold Planning & Grinding	S.Y.	11
56	Type II (0.15 to 0.20%) Fiberized Black Rock Micro-surfacing	S.Y.	6979
57	Signing, Striping, & Pavement Markings, (2 Coats)	L.S.	1
ALTERNATE BID 12 (PUEBLO AVENUE)			
Item No.	Description	Units	Quantity
58	Traffic Control Plan & Implementation	L.S.	1
59	Type II (0.15 to 0.20%) Fiberized Black Rock Micro-surfacing	S.Y.	11206
60	Type III (0.15 to 0.20%) Fiberized Black Rock Micro-surfacing	S.Y.	11206
61	Signing, Striping, & Pavement Markings, (2 Coats)	L.S.	1
ALTERNATE BID 13 (OTIS & ORANGE AVENUE)			
Item No.	Description	Units	Quantity
62	Traffic Control Plan & Implementation	L.S.	1
63	Signing, Striping, & Pavement Markings, (2 Coats)	L.S.	1

INCLUDE WITH BID

BID SCHEDULE

2020 MICRO-SURFACING & STREET IMPROVEMENTS.

BASE BID					
Item No.	Description	Units	Quantity	Unit Cost	Total Cost
1	*Mobilization / Demobilization including bonds, permits, licenses, fees required to perform the work	L.S.	1		
2	Perform Traffic Control, Detours, and Access	L.S.	1		
3	Storm Water Pollution Prevention Plan (SWPPP) and Fugitive Dust Control Plan (FDCCP) Preparation & Implementation	L.S.	1		
4	Demolition, Clearing and Grubbing, Striping Removal, Concrete & Pavement Removal, and any other work required to perform the work	L.S.	1		
5	Construct 0.30' Asphalt Concrete, Type 'A' complete and in place	TON	122.8		
6	Construct Class II Aggregate Base	TON	264.0		
7	Install Signing, Striping, Pavement Markings, & Reflective Markers, complete and in place	L.S.	1		
8	Construct 0.30' thick Accessible Ramp and Sidewalk, complete and in place	S.F.	1560		
9	Construct City Standard 6" Concrete Curb and Gutter, complete and in place	L.F.	1130		
10	Construct Drain-Inlet, complete and in place	E.A.	1		
11	Construct 6" Reinforced Concrete Drive Approach, complete and in place	S.F.	1120		
12	Construct 8" Concrete Curb, complete and in place	L.F.	80		
13	Perform Sawcut	L.F.	2760		
14	Construct 6" wide, 4" thick concrete Mow Strip, complete and in place	L.F.	85		
15	Construct Chain Link Fence & Gates, complete and in place	L.F.	90		
Total Base Bid Amount					
ADDITIVE ALTERNATE BID 1 (OTIS AVENUE)					
Item No.	Description	Units	Quantity	Unit Cost	Total Cost
16	Traffic Control Plan & Implementation	L.S.	1		
17	5' Wide Cold Planning & Grinding	S.Y.	100		
18	Type II (0.15 to 0.20%) Fiberized Black Rock Micro-surfacing	S.Y.	11708		
19	Type III (0.15 to 0.20%) Fiberized Black Rock Micro-surfacing	S.Y.	11708		
20	Signing, Striping, & Pavement Markings, (2 Coats)	L.S.	1		

Total Additive Alternate Bid 1 Amount					
ADDITIVE ALTERNATE BID 2 (DAIRY AVENUE)					
Item No.	Description	Units	Quantity	Unit Cost	Total Cost
21	Traffic Control Plan & Implementation	L.S.	1		
22	Type II (0.15 to 0.20%) Fiberized Black Rock Micro-surfacing	S.Y.	17666		
23	Type III (0.15 to 0.20%) Fiberized Black Rock Micro-surfacing	S.Y.	17666		
24	Signing, Striping, & Pavement Markings, (2 Coats)	L.S.	1		
Total Additive Alternate Bid 2 Amount					
ADDITIVE ALTERNATE BID 3 (WHITLEY AVENUE)					
Item No.	Description	Units	Quantity	Unit Cost	Total Cost
25	Traffic Control Plan & Implementation	L.S.	1		
26	5' Wide Cold Planning & Grinding	S.Y.	34		
27	Type II (0.15 to 0.20%) Fiberized Black Rock Micro-surfacing	S.Y.	13361		
28	Type III (0.15 to 0.20%) Fiberized Black Rock Micro-surfacing	S.Y.	13361		
29	Signing, Striping, & Pavement Markings, (2 Coats)	L.S.	1		
Total Additive Alternate Bid 3 Amount					
ADDITIVE ALTERNATE BID 4 (HANNA AVENUE)					
Item No.	Description	Units	Quantity	Unit Cost	Total Cost
30	Traffic Control Plan & Implementation	L.S.	1		
31	5' Wide Cold Planning & Grinding	S.Y.	11		
32	Type II (0.15 to 0.20%) Fiberized Black Rock Micro-surfacing	S.Y.	1778		
33	Signing, Striping, & Pavement Markings, (2 Coats)	L.S.	1		
Total Additive Alternate Bid 4 Amount					
ADDITIVE ALTERNATE BID 5 (LETTS AVENUE)					
Item No.	Description	Units	Quantity	Unit Cost	Total Cost
34	Traffic Control Plan & Implementation	L.S.	1		
35	Type II (0.15 to 0.20%) Fiberized Black Rock Micro-surfacing	S.Y.	9936		
36	Signing, Striping, & Pavement Markings, (2 Coats)	L.S.	1		
Total Additive Alternate Bid 5 Amount					
ADDITIVE ALTERNATE BID 6 (ORANGE AVENUE)					
Item No.	Description	Units	Quantity	Unit Cost	Total Cost

37	Traffic Control Plan & Implementation	L.S.	1		
38	5' Wide Cold Planning & Grinding	S.Y.	55		
39	Type II (0.15 to 0.20%) Fiberized Black Rock Micro-surfacing	S.Y.	9823		
40	Signing, Striping, & Pavement Markings, (2 Coats)	L.S.	1		
Total Additive Alternate Bid 6 Amount					
ADDITIVE ALTERNATE BID 7 (NORTH AVENUE / YODER BLVD)					
Item No.	Description	Units	Quantity	Unit Cost	Total Cost
41	Traffic Control Plan & Implementation	L.S.	1		
42	Type II (0.15 to 0.20%) Fiberized Black Rock Micro-surfacing	S.Y.	10882		
43	Signing, Striping, & Pavement Markings, (2 Coats)	L.S.	1		
Total Additive Alternate Bid 7 Amount					
ADDITIVE ALTERNATE BID 8 (LETTTS AVENUE)					
Item No.	Description	Units	Quantity	Unit Cost	Total Cost
44	Traffic Control Plan & Implementation	L.S.	1		
45	Type II (0.15 to 0.20%) Fiberized Black Rock Micro-surfacing	S.Y.	6153		
46	Signing, Striping, & Pavement Markings, (2 Coats)	L.S.	1		
Total Additive Alternate Bid 8 Amount					
ADDITIVE ALTERNATE BID 9 (FLORY AVENUE)					
Item No.	Description	Units	Quantity	Unit Cost	Total Cost
47	Traffic Control Plan & Implementation	L.S.	1		
48	Type II (0.15 to 0.20%) Fiberized Black Rock Micro-surfacing	S.Y.	5051		
49	Type III (0.15 to 0.20%) Fiberized Black Rock Micro-surfacing	S.Y.	5051		
50	Signing, Striping, & Pavement Markings, (2 Coats)	L.S.	1		
Total Additive Alternate Bid 9 Amount					
ADDITIVE ALTERNATE BID 10 (VAN DORSTEN AVENUE)					
Item No.	Description	Units	Quantity	Unit Cost	Total Cost
51	Traffic Control Plan & Implementation	L.S.	1		
52	Type II (0.15 to 0.20%) Fiberized Black Rock Micro-surfacing	S.Y.	12109		
53	Signing, Striping, & Pavement Markings, (2 Coats)	L.S.	1		
Total Additive Alternate Bid 10 Amount					
ADDITIVE ALTERNATE BID 11 (OTTAWA AVENUE)					

Item No.	Description	Units	Quantity	Unit Cost	Total Cost
54	Traffic Control Plan & Implementation	L.S.	1		
55	5' Wide Cold Planning & Grinding	S.Y.	11		
56	Type II (0.15 to 0.20%) Fiberized Black Rock Micro-surfacing	S.Y.	6979		
57	Signing, Striping, & Pavement Markings, (2 Coats)	L.S.	1		
Total Additive Alternate Bid 11 Amount					
ADDITIVE ALTERNATE BID 12 (PUEBLO AVENUE)					
Item No.	Description	Units	Quantity	Unit Cost	Total Cost
58	Traffic Control Plan & Implementation	L.S.	1		
59	Type II (0.15 to 0.20%) Fiberized Black Rock Micro-surfacing	S.Y.	11206		
60	Type III (0.15 to 0.20%) Fiberized Black Rock Micro-surfacing	S.Y.	11206		
61	Signing, Striping, & Pavement Markings, (2 Coats)	L.S.	1		
Total Additive Alternate Bid 12 Amount					
ADDITIVE ALTERNATE BID 13 (OTIS & ORANGE AVENUE)					
Item No.	Description	Units	Quantity	Unit Cost	Total Cost
62	Traffic Control Plan & Implementation	L.S.	1		
63	Signing, Striping, & Pavement Markings, (2 Coats)	L.S.	1		
Total Additive Alternate Bid 13 Amount					

2020 MICRO-SURFACING & STREET IMPROVEMENT & ALERNATIVE BID AMOUNTS: Unit Price and Additive alternate bids for this project is for the project to be completed in accordance with drawings and specs, contract documents, including all costs to the City including, but not limited to, materials, labor, tools, insurance, cleanup, and warranties, shall be:

***Mobilization Lump Sum Item No. 1 shall not exceed 5% of Grand Total Bid.**

Total Amount of **Base Bid** (written in words) is: _____ Dollars
and _____ Cents.

Total Amount of **Additive Alternative 1 Bid** (written in words) is: _____
_____ Dollars and _____ Cents.

Total Amount of **Additive Alternative 2 Bid** (written in words) is: _____
_____ Dollars and _____ Cents.

Total Amount of **Additive Alternative 3 Bid** (written in words) is: _____
_____ Dollars and _____ Cents.

Total Amount of **Additive Alternative 4 Bid** (written in words) is: _____
_____ Dollars and _____ Cents.

Total Amount of **Additive Alternative 5 Bid** (written in words) is: _____
_____ Dollars and _____ Cents.

Total Amount of **Additive Alternative 6 Bid** (written in words) is: _____
_____ Dollars and _____ Cents.

Total Amount of **Additive Alternative 7 Bid** (written in words) is: _____
_____ Dollars and _____ Cents.

Total Amount of **Additive Alternative 8 Bid** (written in words) is: _____
_____ Dollars and _____ Cents.

Total Amount of **Additive Alternative 9 Bid** (written in words) is: _____
_____ Dollars and _____ Cents.

Total Amount of **Additive Alternative 10 Bid** (written in words) is: _____
_____ Dollars and _____ Cents.

Total Amount of **Additive Alternative 11 Bid** (written in words) is: _____ Dollars
and _____ Cents.

Total Amount of **Additive Alternative 12 Bid** (written in words) is: _____
_____ Dollars and _____ Cents.

Total Amount of **Additive Alternative 13 Bid** (written in words) is: _____
_____ Dollars and _____ Cents.

Total Amount of **Base Bid and Additive Alternates 1 through 13 Bid (Grand Total)** (written
in words) is: _____ Dollars
and _____ Cents.

The apparent Lowest Bidder will be based on the LOWEST SUM TOTAL of the BASE BID plus ADDITIVE ALTERNATES 1 THROUGH 13 BID (GRAND TOTAL).

In the event of discrepancy between words and figures, the words shall prevail. In case of discrepancy between unit prices and totals, the unit price shall prevail.

The bid for this project contains a Base Bid and thirteen (13) Additive Alternate Bids. The City reserves the right, as budget allows, to award the Base Bid Only, or the Base Bid plus the Additive Alternate Bids. **It is the City's intent to award the Base Bid and ALL Additive Alternate Bids.**

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:

Bidder's Public Liability and Property Damage Insurance is placed with:

Bidder's Workers' Compensation Insurance is placed with:

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.

NOTE: Each bid must give the full business address of the bidder and be signed by bidder with bidder's usual signature. Bids by partnerships must furnish the full name of all partners and must be signed in the partnership name by a general partner with authority to bind the partnership in such matters, followed by the signature and designation of the person signing. The name of the person signing shall also be typed or printed below the signature. Bids by corporations must be signed with the legal name of the corporation, followed by the name of the state of incorporation and by the signature and designation of the chairman of the board, president or any vice president, and then followed by a second signature by the secretary, assistant secretary, the chief financial officer or assistant treasurer. All persons signing must be authorized to bind the corporation in the matter. The name of each person signing shall also be typed or printed below the signature. Satisfactory evidence of the authority of the officer signing on behalf of a corporation shall be furnished.

The undersigned declares under penalty of perjury under the laws of the State of California that the representations made in this bid are true and correct.

Print or Type Name : _____

Title: _____

Name of Company as Licensed: _____

Business Address: _____

Telephone Number: _____

California Contractor License No.: _____

Class and Expiration Date: _____

State of Incorporation, if Applicable: _____

() Evidence of authority to bind
corporation is attached. Dated: , _____

Signed: _____

Acknowledgment of Addenda
Addendum No. Initial

Signature

Printed Name / Title

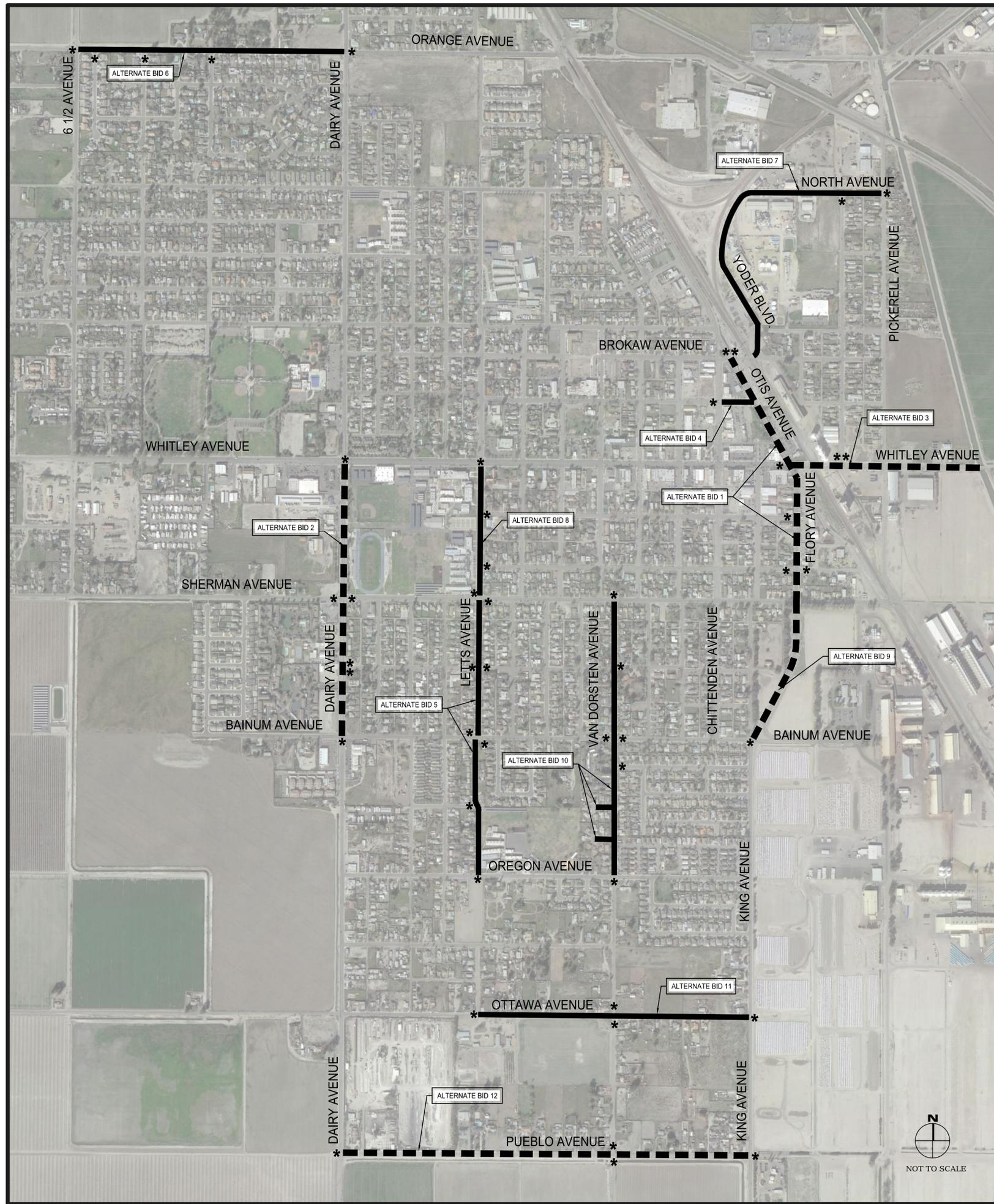
Company

Contractor's License Number / Expiration Date

Selection of bidder shall be based on the lowest responsive and responsible bid for the combined total of construction items. The City has the option to reject all bids with or without cause. The City also may at its discretion remove any item(s) from this project. It is understood that the foregoing quantities are approximate only and are solely for the purpose of facilitating the comparison of bids, and that the contractor's compensation will be computed upon the basis of the actual quantities in the complete work, whether they be more or less than those shown.

INCLUDE WITH BID

The Bidder shall list the name and address of each subcontractor to whom the Bidder proposes to subcontract portions of the work, as required by the provisions in Section 2-1.10, "Subcontractor List," of the Standard Specifications and Section 2, "Bidding," of the special provisions.



ESTIMATED QUANTITIES (ALTERNATE BID 1)				
ROAD	APPROX. LENGTH (FT)	AVERAGE WIDTH (FT)	AREA	
			SF	SY
OTIS AVENUE	2773	38	105,374	11,708
ESTIMATED QUANTITIES (ALTERNATE BID 2)				
ROAD	APPROX. LENGTH (FT)	AVERAGE WIDTH (FT)	AREA	
			SF	SY
DAIRY AVENUE	2850	60	159,000	17,666
ESTIMATED QUANTITIES (ALTERNATE BID 3)				
ROAD	APPROX. LENGTH (FT)	AVERAGE WIDTH (FT)	AREA	
			SF	SY
WHITLEY AVENUE	1850	65	120,250	13,361
ESTIMATED QUANTITIES (ALTERNATE BID 4)				
ROAD	APPROX. LENGTH (FT)	AVERAGE WIDTH (FT)	AREA	
			SF	SY
HANNA AVENUE	320	50	16,000	1778
ESTIMATED QUANTITIES (ALTERNATE BID 5)				
ROAD	APPROX. LENGTH (FT)	AVERAGE WIDTH (FT)	AREA	
			SF	SY
LETT'S AVENUE	2,633	34	89,522	9,936
ESTIMATED QUANTITIES (ALTERNATE BID 6)				
ROAD	APPROX. LENGTH (FT)	AVERAGE WIDTH (FT)	AREA	
			SF	SY
ORANGE AVENUE	2,603	34	88,502	9,823
ESTIMATED QUANTITIES (ALTERNATE BID 7)				
ROAD	APPROX. LENGTH (FT)	AVERAGE WIDTH (FT)	AREA	
			SF	SY
NORTH AVENUE/ YODER BLVD	3,061	32	97,952	10,882
ESTIMATED QUANTITIES (ALTERNATE BID 8)				
ROAD	APPROX. LENGTH (FT)	AVERAGE WIDTH (FT)	AREA	
			SF	SY
LETT'S AVENUE	1,260	44	55,440	6,153
ESTIMATED QUANTITIES (ALTERNATE BID 9)				
ROAD	APPROX. LENGTH (FT)	AVERAGE WIDTH (FT)	AREA	
			SF	SY
FLORY AVENUE	1,421	32	45,472	5,051
ESTIMATED QUANTITIES (ALTERNATE BID 10)				
ROAD	APPROX. LENGTH (FT)	AVERAGE WIDTH (FT)	AREA	
			SF	SY
VAN DORSTEN AVENUE	2,610	36	93,960	10,429
NUEVO AVENUE	210	36	7,560	840
GAGGOS STREET	210	36	7,560	840
ESTIMATED QUANTITIES (ALTERNATE BID 11)				
ROAD	APPROX. LENGTH (FT)	AVERAGE WIDTH (FT)	AREA	
			SF	SY
OTTAWA AVENUE	2,620	24	62,880	6,979
ESTIMATED QUANTITIES (ALTERNATE BID 12)				
ROAD	APPROX. LENGTH (FT)	AVERAGE WIDTH (FT)	AREA	
			SF	SY
PUEBLO AVENUE	3,883	26	100,958	11,206

MICRO-SURFACING SPREAD RATES		
TYPE	LOCATION	RANGE (LB OF DRY AGGREGATE/ SQ YD)
TYPE II, 0.15-0.20% FIBERIZED MICRO SURFACING (BLACK ROCK)	FULL LANE WIDTH	10 - 20
TYPE III, 0.15-0.20% FIBERIZED MICRO SURFACING (BLACK ROCK)	FULL LANE WIDTH	20 - 32

ALTERNATE BID DESCRIPTIONS

- ALTERNATE BID 1
OTIS AVENUE AND FLORY AVENUE FROM BROKAW AVENUE TO SHERMAN AVENUE
- ALTERNATE BID 2
DAIRY AVENUE FROM WHITLEY AVENUE TO BAINUM AVENUE
- ALTERNATE BID 3
WHITLEY AVENUE FROM FLORY AVENUE TO CANAL BRIDGE
- ALTERNATE BID 4
HANNA AVENUE FROM CHITTENDEN AVENUE TO OTIS AVENUE
- ALTERNATE BID 5
LETT'S AVENUE FROM OREGON AVENUE TO SHERMAN AVENUE
- ALTERNATE BID 6
ORANGE AVENUE FROM 6 1/2 AVENUE TO DAIRY AVENUE
- ALTERNATE BID 7
NORTH AVENUE/ YODER BLVD FROM PICKERELL AVENUE TO BROKAW AVENUE
- ALTERNATE BID 8
LETT'S AVENUE FROM WHITLEY AVENUE TO SHERMAN AVENUE
- ALTERNATE BID 9
FLORY AVENUE FROM SHERMAN AVENUE TO BAINUM AVENUE
- ALTERNATE BID 10
VAN DORSTEN AVENUE FROM SHERMAN AVENUE TO OREGON AVENUE, INCLUDING CUL-DE-SACS NUEVO AVENUE & GAGGOS STREET
- ALTERNATE BID 11
OTTAWA AVENUE FROM LETT'S AVENUE TO KING AVENUE
- ALTERNATE BID 12
PUEBLO AVENUE FROM DAIRY AVENUE TO KING AVENUE

LEGEND

- LIMITS OF TYPE II OVER TYPE III (0.15 TO 0.20%) FIBERIZED MICRO-SURFACE PAVEMENT TREATMENT WITH BLACK ROCK
- LIMITS OF TYPE II (0.15 TO 0.20%) FIBERIZED MICRO-SURFACE PAVEMENT TREATMENT WITH BLACK ROCK
- * SEE TYPICAL MICRO SURFACING TRANSITION DETAIL. (SEE SHEET 21)
- ** SEE TYPICAL MICRO SURFACING LIMIT AT CROSS GUTTER DETAIL. (SEE SHEET 21)

ENGINEERING PLANS FOR:
2020 MICRO-SURFACING & STREET IMPROVEMENTS
SHEET TITLE:
ALTERNATE BID IMPROVEMENT LOCATIONS

REVISIONS

NO.	AS SHOWN	DATE
1	210-010	8/12/2020

SHEET NO.
12
OF 21