

BID RESULTS

City of Riverside

Finance Dept./Purchasing

Due Date	5/25/2016	Bid No.	RPU-7377
Before	3:30pm	Estimate	\$8,500,000.00

Bid Description - Schedule A**Jackson Street 24-Inch Recycled Water Pipeline Project Phase 1**

Low Bidder	Location	Bid Amount
E.J. Meyer Company	Highland, CA	\$5,252,222.00

Additional Bid Responses	Location	Bid Amount
C.P. Construction Co., Inc.	Ontario, CA	\$5,481,550.00
Downing Construction, Inc.	Redlands, CA	\$5,683,300.00
Weka, Inc.	Highland, CA	\$5,828,499.00
MNR Construction Inc.	Baldwin Park, CA	\$6,037,650.00
Gwinco Construction & Engineering, Inc.	Ontario, CA	\$6,138,500.00
Blois Construction, Inc.	Oxnard, CA	\$6,370,173.00
Colich & Sons LP	Gardena, CA	\$6,631,850.00
TBU Inc.	Beaumont, CA	\$7,006,850.00
Vido Artukovich & Son, Inc./Vidmar, Inc. A JV	South El Monte, CA	\$7,442,950.00

Non-Responsive

Borden Excavating, Inc.

DDH Apple Valley Construction, Inc.

BID RESULTS

City of Riverside

Finance Dept./Purchasing

Due Date	5/25/2016	Bid No.	RPU-7377
Before	3:30pm	Estimate	\$8,500,000.00

Bid Description - Schedule B**Jackson Street 24-Inch Recycled Water Pipeline Project Phase 1**

Low Bidder	Location	Bid Amount
Downing Construction, Inc.	Redlands, CA	\$1,256,980.00

Additional Bid Responses	Location	Bid Amount
Colich & Sons LP	Gardena, CA	\$1,360,200.00
Gwinco Construction & Engineering, Inc.	Ontario, CA	\$1,363,495.00
E.J. Meyer Company	Highland, CA	\$1,373,333.00
Weka, Inc.	Highland, CA	\$1,467,389.00
MNR Construction Inc.	Baldwin Park, CA	\$1,529,700.00
Blois Construction, Inc.	Oxnard, CA	\$1,562,002.00
C.P. Construction Co., Inc.	Ontario, CA	\$1,635,950.00
TBU Inc.	Beaumont, CA	\$1,691,100.00
Vido Artukovich & Son, Inc./Vidmar, Inc. A JV	South El Monte, CA	\$2,288,260.00

Non-Responsive

Borden Excavating, Inc.

DDH Apple Valley Construction, Inc.

BID RESULTS

City of Riverside

Finance Dept./Purchasing

Due Date	5/25/2016	Bid No.	RPU-7377
Before	3:30pm	Estimate	\$8,500,000.00

Bid Description - Schedule C**Jackson Street 24-Inch Recycled Water Pipeline Project Phase 1**

Low Bidder	Location	Bid Amount
Weka, Inc.	Highland, CA	\$324,994.00

Additional Bid Responses	Location	Bid Amount
Downing Construction, Inc.	Redlands, CA	\$333,160.00
Gwinco Construction & Engineering, Inc.	Ontario, CA	\$335,800.00
TBU Inc.	Beaumont, CA	\$358,000.00
Blois Construction, Inc.	Oxnard, CA	\$400,307.00
Colich & Sons LP	Gardena, CA	\$425,300.00
MNR Construction Inc.	Baldwin Park, CA	\$528,100.00
C.P. Construction Co., Inc.	Ontario, CA	\$796,700.00
E.J. Meyer Company	Highland, CA	\$797,777.00
Vido Artukovich & Son, Inc./Vidmar, Inc. A JV	South El Monte, CA	\$920,300.00

Non-Responsive

Borden Excavating, Inc.

DDH Apple Valley Construction, Inc.

BID RESULTS

City of Riverside
Finance Dept./Purchasing

Due Date	5/25/2016	Bid No.	RPU-7377
Before	3:30pm	Estimate	\$8,500,000.00

Bid Description

Jackson Street 24-Inch Recycled Water Pipeline Project Phase 1

Bidder

E.J. Meyer Company

Item No.	Item Description	Qty	Unit	Unit Price	Ext. Price
"Schedule A" - From STA 100+00 to STA 226+97, and Central Avenue					
-	Note: All items subject to any special notes or footnotes appearing on this Engineer's estimate included with the bid documents.	-	-	-	-
-	Note: The Contract lump sum or unit price for each Contract Bid Item shall include full compensation for all labor, materials, tools, taxes, profit, overhead, incidentals and appurtenant work necessary for performing and completing the work of the Contract Bid Item as required by the Project Plans, Specifications, Special Provisions and other Contract Documents. Such compensation shall also include or take into consideration any additional provisions or conditions specifically stated immediately following the Contract Bid Item.	-	-	-	-
-	Note: In the absence of a specific bid item or specific payment provisions for any portion of the work required by the Contract Documents, the bidder shall include the bidder's compensation for that portion of the Contract work in the Contract unit price(s) and/or lump sum price(s) of the bid item(s) that require such work, or are closely related to such work. Therefore, no separate or additional payment will be made to the Contractor for any such work on the premise that such work lacks specific bid item(s) or specific payment provisions.	-	-	-	-
1	Clearing and Grubbing including Mobilization/Demolition, Dust Control, Construction Water and Site Cleanup. BID PRICE FOR THIS ITEM SHALL NOT EXCEED 3 PERCENT OF THE TOTAL OF ALL BID ITEMS FOR BID SCHEDULE A, LESS THIS ITEM.	1	LS	\$101,151.00	\$101,151.00
2	Furnish 24-inch ID Recycled Water Pipe with Recycled Water Marking Tape. Bid one of the two alternatives listed below (ENTER A ZERO IN THE ALTERNATIVE NOT BIDDING ON): 0 0 0 0 A. Cement Mortar Lined and Coated Steel	-	-	-	-
	A. Cement Mortar Lined and Coated Steel Pipe (T=0.188" Min, Lining=0.500", Mortar Coating=1.000" Min) with purple poly wrap.	12,700	LF	\$0.00	\$0.00
	B. Ductile Iron Pipe (Pressure Class 200) with purple poly wrap.	12,700	LF	\$98.00	\$1,244,600.00
3	Install 24-inch ID Recycled Water Pipe Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	12,660	LF	\$140.00	\$1,772,400.00
4	Furnish and Install 36-inch ID Steel Casing (0.500" min wall thickness) including installing 24-inch Piping, Fittings, Spacers, Blown Sand, plans and permits, Complete per Plan at Crossing Over MWD Pipeline Near Magnolia and Monroe Intersection.	40	LF	\$300.00	\$12,000.00
5	Furnish 12-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings with Recycled Water Marking Tape and purple poly wrap.	70	LF	\$80.00	\$5,600.00
6	Install 12-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	70	LF	\$220.00	\$15,400.00
7	Furnish 12-inch Ductile Iron Potable Water Pipe (Pressure Class 350) and Fittings with poly wrap.	150	LF	\$50.00	\$7,500.00

8	Install 12-inch Ductile Iron Potable Water Pipe (Pressure Class 350) and Fittings Complete per Plan and CWD-040-1 and CWD-040-2.	150	LF	\$170.00	\$25,500.00
9	Furnish 8-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings with Recycled Water Marking Tape and purple poly wrap.	2,000	LF	\$30.00	\$60,000.00
10	Install 8-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	2,000	LF	\$104.00	\$208,000.00
11	Furnish 8-inch TR-FLEX Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings with purple poly wrap.	100	LF	\$30.00	\$3,000.00
12	Furnish and Install (Bore and Jack) of 16-inch ID Steel Casing (0.375" min wall thickness) including installing 8-inch Piping, Fittings, Spacers, Blown Sand, Excavate Bore and Receiving Pits including Shoring, plans and permits, and dewatering. Complete per Plan Under Union Pacific Railroad at Central Avenue.	100	LF	\$325.00	\$32,500.00
13	Furnish and Install Field Fabricated Fittings, including all material, labor, incidentals, for 24-inch ID Recycled Water Steel Pipe (T=0.188" Min.) for Field Fabrication of Bends or Offsets Where Necessary. (ALL BENDS AND OFFSETS FOR DUCTILE IRON PIPE SHALL BE INCLUDED IN BID ITEMS FOR FURNISH AND INSTALLATION OF PIPE AT NO ADDITIONAL COST. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM)	20	EA	\$0.00	\$0.00
14	Furnish and Install 2,110 Gallon Bladder Surge Tank Assembly, Including Tank Foundation and Anchorage Design, 12" Tank Outlet Pipe, Fittings and Appurtenances and Connection to Existing 36" Steel CML&C Pipe.	1	LS	\$126,111.00	\$126,111.00
15	Furnish and Install 4-inch Combination Air and Vacuum Valve per CWD-460RW.	10	EA	\$9,000.00	\$90,000.00
16	Furnish and Install 2-inch Combination Air and Vacuum Valve per CWD-451RW.	2	EA	\$4,500.00	\$9,000.00
17	Furnish and Install 4-inch Combination Air and Vacuum Valve With 6-inch Bypass per Detail "J" on Sheet 21.	3	EA	\$15,000.00	\$45,000.00
18	Furnish and Install 8-inch Blow-Off per CWD-410RW-B.	13	EA	\$9,000.00	\$117,000.00
19	Furnish and Install 8" Temporary Blow-off Assembly per CWD-414RW For Pressure Testing and Chlorination.	3	EA	\$3,500.00	\$10,500.00
20	Furnish and Install 2-inch Blow-Off (End of Pipe) per CWD-411RW-B.	1	EA	\$4,000.00	\$4,000.00
21	Furnish and Install Temporary 2-inch Blow-Off per CWD 412RW For Pressure Testing and Chlorination.	3	EA	\$500.00	\$1,500.00
22	Furnish and Install 8" Temporary Blow-off Assembly (Not Shown in Plan) per CWD-414RW For Pressure Testing and Chlorination.	8	EA	\$3,500.00	\$28,000.00
23	Furnish and Install Temporary 2-inch Blow-Off (Not Shown in Plan) per CWD 412RW For Pressure Testing and Chlorination.	2	EA	\$500.00	\$1,000.00
24	Furnish and Install 24-inch Butterfly Valve per CWD-510RW.	7	EA	\$14,000.00	\$98,000.00
25	Furnish and Install 24-inch Manway per CWD-350RW. (These Manways are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	8	EA	\$4,000.00	\$32,000.00
26	Furnish and Install Manhole per CWD-816RW (These Manholes are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	8	EA	\$10,000.00	\$80,000.00
27	Furnish and Install 8-inch Gate Valve per CWD-500RW.	4	EA	\$1,800.00	\$7,200.00
28	Furnish and Install 12-inch Gate Valve per CWD-500RW.	2	EA	\$3,000.00	\$6,000.00

29	Furnish and Install 12-inch Potable Water Gate Valve per CWD-500.	1	EA	\$3,500.00	\$3,500.00
30	Furnish and Install Temporary Water Sampler per CWD-432RW.	28	EA	\$1,500.00	\$42,000.00
31	Furnish and Install Flange Insulation and Test Lead per CWD-923. (THIS ITEM IS NOT REQUIRED FOR DUCTILE IRON PIPE. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	9	EA	\$0.00	\$0.00
32	Connect to Existing 24-inch Recycled Water Line on Van Buren by Cut-in, Furnish and Install a 24" X 24" Crotch Plate Tee.	1	EA	\$20,000.00	\$20,000.00
33	Connect to Existing 12-inch Recycled Water Line. Furnish and Install Connection per Detail B on Sheet 3.	1	EA	\$10,000.00	\$10,000.00
34	Furnish Materials for 36" Potable Water Connection and Complete Installation Per Detail D on Sheet 21.	1	EA	\$13,000.00	\$13,000.00
35	Furnish and Install 2-inch Diameter Recycled Water Service For 1-inch Diameter Meter on 24-inch Main per CWD-601RW.	2	EA	\$5,500.00	\$11,000.00
36	Furnish and Install 4-inch Diameter Recycled Water Service For 2-inch meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD-601RW.	5	EA	\$7,000.00	\$35,000.00
37	Furnish and Install 4-inch Diameter Recycled Water Service For 3-inch Meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD-620RW-1 & 2.	4	EA	\$19,000.00	\$76,000.00
38	Furnish and Install 6-inch Diameter Recycled Water Service For 6-inch Meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD-620RW-1 & 2.	1	EA	\$25,000.00	\$25,000.00
39	Furnish and Install 8-inch Diameter Recycled Water Service For 8-Inch Meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD620RW-1 & 2. Vault per CWD 801RW-1 & 2.	2	EA	\$45,000.00	\$90,000.00
40	Furnish and Install 24-inch Utility Conflict Offset (4 X 45 degree bends and Required Piping) Per "Typical Utility Crossing" Detail on Sheet 22. (These Offsets are for Unforeseen Utility Conflicts for the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	4	EA	\$12,000.00	\$48,000.00
41	Furnish and Install Potable to Recycled Water Emergency Connection Assembly, Including Piping, Pipe Appurtenances, Manholes, Concrete Pad, Ground Surface Restoration, Irrigation Repair and All Other Works as Shown per Plan.	1	EA	\$10,000.00	\$10,000.00
42	Furnish and Install 24-inch Buttstrap Per CWD-220RW.	4	EA	\$1,500.00	\$6,000.00
43	Bracing Excavation for Recycled Water and Water Lines.	15,400	LF	\$5.00	\$77,000.00
44	Pipe Pressure Testing (including water).	1	LS	\$10,000.00	\$10,000.00
45	Pipe Flushing (including water).	1	LS	\$5,000.00	\$5,000.00
46	Relocate Existing Sewer Lateral.	42	EA	\$700.00	\$29,400.00
47	Cut and Plug, and Remove and Dispose Abandoned 18-inch Irrigation Pipe and Manholes as Indicated per Plan.	1,200	LF	\$3.00	\$3,600.00
48	Cut and Plug, and Remove and Dispose Abandoned 20-inch Sewer Pipe and Manholes as Indicated per Plan.	850	LF	\$4.00	\$3,400.00
49	Cut and Plug, and Remove and Dispose Abandoned 18-inch Storm Drain as Indicated per Plan.	70	LF	\$8.00	\$560.00
50	Sewer Main Interior Inspection Video or other means to Identify Sewer Lateral Locations.	1	LS	\$15,000.00	\$15,000.00
51	Chlorination and Sanitary Samples (including water), dispose of Chlorinated Water.	1	LS	\$10,000.00	\$10,000.00
52	CML&C Steel Pipeline Interior Video Inspection. (INTERIOR VIDEO INSPECTION OF DUCTILE IRON PIPE IS NOT REQUIRED. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	1	LS	\$0.00	\$0.00
53	Furnish and Install Temporary Paving (3" Min.), including periodic maintenance necessary to sustain a smooth driving surface at all times.	15,400	LF	\$7.00	\$107,800.00

54	Furnish and Install Permanent Pavement, Including Full Structural Section, per City of Riverside, Public Works Department Std. Dwg. 453. Includes the Area of Work by City Forces. (See Street Improvement Plans for Structural Section).	15,400	LF	\$21.00	\$323,400.00
55	Trench Dewatering.	1	LS	\$3,000.00	\$3,000.00
56	Traffic Loop Replacement. The Entire Detector Loop System Shall be Replaced to the Pull box. It is assumed that the loop system at each signalized intersection will be replaced twice, once after base paving and once after final paving.	14	EA	\$1,400.00	\$19,600.00
57	Traffic Striping, for Base Paving and Final Paving.	1	LS	\$40,000.00	\$40,000.00
58	Bedrock Removal.	5,000	LF	\$1.00	\$5,000.00
59	Adjust Valve Can Lids to Sit Flush With the Finished Pavement Surface.	1	LS	\$5,000.00	\$5,000.00
60	Traffic Control for Recycled Water Improvement Items. Includes Traffic Control for Construction Staking by City Survey Crew.	1	LS	\$25,000.00	\$25,000.00
61	Furnish and Install Portable Changeable Message Sign.	6	EA	\$5,000.00	\$30,000.00
62	Storm Water Pollution Prevention Control Plan (SWPPP) and Best Management Practices (BMPs).	1	LS	\$7,000.00	\$7,000.00
				Bid Schedule A Total	\$5,252,222.00

"Schedule B" - From STA 226+97 to STA 252+40

-	Note: All items subject to any special notes or footnotes appearing on this Engineer's estimate included with the bid documents.	-	-	-	-
-	Note: The Contract lump sum or unit price for each Contract Bid Item shall include full compensation for all labor, materials, tools, taxes, profit, overhead, incidentals and appurtenant work necessary for performing and completing the work of the Contract Bid Item as required by the Project Plans, Specifications, Special Provisions and other Contract Documents. Such compensation shall also include or take into consideration any additional provisions or conditions specifically stated immediately following the Contract Bid Item.	-	-	-	-
-	Note: In the absence of a specific bid item or specific payment provisions for any portion of the work required by the Contract Documents, the bidder shall include the bidder's compensation for that portion of the Contract work in the Contract unit price(s) and/or lump sum price(s) of the bid item(s) that require such work, or are closely related to such work. Therefore, no separate or additional payment will be made to the Contractor for any such work on the premise that such work lacks specific bid item(s) or specific payment provisions.	-	-	-	-
63	Clearing and Grubbing including Mobilization/Demolition, Dust Control, Construction Water and Site Cleanup. BID PRICE FOR THIS ITEM SHALL NOT EXCEED 3 PERCENT OF THE TOTAL OF ALL BID ITEMS FOR BID SCHEDULE B, LESS THIS ITEM.	1	LS	\$37,983.00	\$37,983.00
64	Furnish 24-inch ID Recycled Water Pipe with Recycled Water Marking Tape. Bid one of the two alternatives listed below (ENTER A ZERO IN THE ALTERNATIVE NOT BIDDING ON):	-	-	-	-
	A. Cement Mortar Lined and Coated Steel Pipe (T=0.188" Min, Lining=0.500", Mortar Coating=1.000" Min) with purple poly wrap.	2,200	LF	\$0.00	\$0.00
	B. Ductile Iron Pipe (Pressure Class 200) with purple poly wrap.	2,200	LF	\$130.00	\$286,000.00
65	Install 24-inch ID Recycled Water Pipe Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	1,840	LF	\$235.00	\$432,400.00
66	Furnish and Install 36-inch ID Steel Casing (0.500" min wall thickness) including installing 24-inch Piping, Fittings, Spacers, Blown Sand, plans and permits, Complete per Plan at Crossings Under 91 Freeway, Under BNSF Railroad Bridge and Over Sewer Pipeline on Monroe Street.	360	LF	\$215.00	\$77,400.00

67	Furnish 24-inch TR-FLEX Ductile Iron Recycled Water Pipe (Pressure Class 200) and Fittings with purple poly wrap.	380	LF	\$125.00	\$47,500.00
68	Install 24-inch Ductile Iron TR-FLEX Recycled Water Pipe (Pressure Class 200) Through Abandoned 48-Inch "Techite" Pipe and Grout Annular Space Between The Two Pipes With CLSM Material.	380	LF	\$325.00	\$123,500.00
69	Furnish and Install Field Fabricated Fittings, including all material, labor, incidentals, for 24-inch ID Recycled Water Steel Pipe (T=0.188" Min.) for Field Fabrication of Bends or Offsets Where Necessary. (ALL BENDS AND OFFSETS FOR DUCTILE IRON PIPE SHALL BE INCLUDED IN BID ITEMS FOR FURNISH AND INSTALLATION OF PIPE WITH NO ADDITIONAL COMPENSATION. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM)	6	EA	\$0.00	\$0.00
70	Furnish and Install 4-inch Combination Air and Vacuum Valve per CWD-460RW.	2	EA	\$9,000.00	\$18,000.00
71	Furnish and Install 4-inch Combination Air and Vacuum Valve With 6-inch Bypass per Detail "J" on Sheet 21.	2	EA	\$15,000.00	\$30,000.00
72	Furnish and Install 8-inch Blow-Off (End of Pipe) per Detail "G", Sheet 21	1	EA	\$8,000.00	\$8,000.00
73	Furnish and Install 8-inch Blow-Off per CWD-410RW-B.	3	EA	\$10,000.00	\$30,000.00
74	Furnish and Install 8-Inch Temporary Blow-off per CWD-414RW For Pressure Testing and Disinfection.	1	EA	\$5,000.00	\$5,000.00
75	Furnish and Install 8-Inch Temporary Blow-off (Not Shown in Plan) per CWD-414RW For Pressure Testing and Disinfection.	6	EA	\$4,000.00	\$24,000.00
76	Furnish and Install 24-inch Butterfly Valve per CWD-510RW.	2	EA	\$17,000.00	\$34,000.00
77	Furnish and Install 24-inch Manway per CWD-350RW. (These Manways are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	1	EA	\$5,000.00	\$5,000.00
78	Furnish and Install Manhole per CWD-816RW (These Manholes are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	1	EA	\$11,000.00	\$11,000.00
79	Furnish and Install Temporary Water Sampler per CWD-432RW.	4	EA	\$2,000.00	\$8,000.00
80	Cut and Plug, and Remove and Dispose Abandoned 18-inch Irrigation Pipe and Manholes per Plan.	450	LF	\$3.00	\$1,350.00
81	Furnish and Install 24-inch Utility Conflict Offset (4 X 45 degree bends and Required Piping) Per "Typical Utility Crossing" Detail on Sheet 22. (These Offsets are for Unforeseen Utility Conflicts for the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	2	EA	\$10,000.00	\$20,000.00
82	Bracing Excavation for Recycled Water Lines.	2,400	LF	\$10.00	\$24,000.00
83	Pipe Pressure Testing (including water).	1	LS	\$10,000.00	\$10,000.00
84	Pipe Flushing (including water).	1	LS	\$3,000.00	\$3,000.00
85	Relocate Existing Sewer Lateral.	8	EA	\$800.00	\$6,400.00
86	Sewer Main Interior Inspection Video or other means to Identify Sewer Lateral Locations.	1	LS	\$3,000.00	\$3,000.00
87	Furnish and Install Flange Insulation and Test Lead per CWD-923. (THIS ITEM IS NOT REQUIRED FOR DUCTILE IRON PIPE. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	2	EA	\$0.00	\$0.00
88	CML&C Steel Pipeline Interior Video Inspection. (INTERIOR VIDEO INSPECTION OF DUCTILE IRON PIPE IS NOT REQUIRED. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	1	LS	\$0.00	\$0.00
89	Furnish and Install Temporary Paving (3" Min.), including periodic maintenance necessary to sustain a smooth driving surface at all times.	2,400	LF	\$7.00	\$16,800.00

90	Furnish and Install Permanent Pavement, Including Full Structural Section, per City of Riverside, Public Works Department Std. Dwg. 453. Includes the Area of Work by City Forces. (See Street Improvement Plans for Structural Section).	2,400	LF	\$31.00	\$74,400.00
91	Trench Dewatering.	1	LS	\$100.00	\$100.00
92	Adjust Valve Can Lids to Sit Flush With the Finished Pavement Surface.	1	LS	\$1,500.00	\$1,500.00
93	Traffic Control for Recycled Water Improvement Items, Includes Traffic Control for Construction Staking by City Survey Crew.	1	LS	\$10,000.00	\$10,000.00
94	Traffic Loop Replacement, including detector card. The Entire Detector Loop System Shall be Replaced to the Signal Panel. It is assumed that the loop system at each signalized intersection will be replaced twice, once after base paving and once after final paving.	2	EA	\$1,500.00	\$3,000.00
95	Traffic Striping.	1	LS	\$12,000.00	\$12,000.00
96	Furnish and Install Portable Changeable Message Sign.	2	EA	\$1,500.00	\$3,000.00
97	Storm Water Pollution Prevention Control Plan (SWPPP) and Best Management Practices (BMPs).	1	LS	\$7,000.00	\$7,000.00
				Bid Schedule B Total	\$1,373,333.00

"Schedule C" - Slurry Grout Abandoned 48" and 42" Techite Pipe

-	Note: All items subject to any special notes or footnotes appearing on this Engineer's estimate included with the bid documents.	-	-	-	-
-	Note: The Contract lump sum or unit price for each Contract Bid Item shall include full compensation for all labor, materials, tools, taxes, profit, overhead, incidentals and appurtenant work necessary for performing and completing the work of the Contract Bid Item as required by the Project Plans, Specifications, Special Provisions and other Contract Documents. Such compensation shall also include or take into consideration any additional provisions or conditions specifically stated immediately following the Contract Bid Item.	-	-	-	-
-	Note: In the absence of a specific bid item or specific payment provisions for any portion of the work required by the Contract Documents, the bidder shall include the bidder's compensation for that portion of the Contract work in the Contract unit price(s) and/or lump sum price(s) of the bid item(s) that require such work, or are closely related to such work. Therefore, no separate or additional payment will be made to the Contractor for any such work on the premise that such work lacks specific bid item(s) or specific payment provisions.	-	-	-	-
98	Clearing and Grubbing including Mobilization/Demolition, Dust Control, Construction Water and Site Cleanup. BID PRICE FOR THIS ITEM SHALL NOT EXCEED 3 PERCENT OF THE TOTAL OF ALL BID ITEMS FOR BID SCHEDULE C, LESS THIS ITEM.	1	LS	\$20,167.00	\$20,167.00
99	Pressure Grout Abandoned 48-inch and 42-inch Techite Pipe on Monroe Street from Lincoln Avenue to California Avenue.	8,300	LF	\$72.00	\$597,600.00
100	Excavate and Backfill Pit for Pipe Grouting.	12	EA	\$9,000.00	\$108,000.00
101	Furnish and Install Temporary Paving (3" Min.) for Each Excavated Pit, including periodic maintenance necessary to sustain a smooth driving surface at all times.	12	EA	\$500.00	\$6,000.00
102	Furnish and install 12-inch Class 2 Crushed Aggregate Base Material.	1	LS	\$8,000.00	\$8,000.00
103	Furnish and Install 7-Inches Thick Pavement For Each Excavated Pit, Including Full Structural Section, per City of Riverside, Public Works Department Std. Dwg. 453. Includes the Area of Work by City Forces. (See Street Improvement Plans for Structural Section).	12	EA	\$4,000.00	\$48,000.00
104	Trench Dewatering.	1	LS	\$10.00	\$10.00
105	Traffic Control, Includes Traffic Control for Construction Staking by City Survey Crew.	1	LS	\$5,000.00	\$5,000.00
106	Storm Water Pollution Prevention Control Plan (SWPPP) and Best Management Practices (BMPs).	1	LS	\$5,000.00	\$5,000.00

Bid Schedule C Total	\$797,777.00
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Subcontractor Information			
Subcontractor Name	Location	Portion	Amount
All American Asphalt	Corona, CA	Final Grind & Paving	\$325,000.00
Golden State Boring	Chino, CA	Bore & Jack	\$18,000.00
Superior Pavement	Cypress, CA	Striping	\$50,000.00
Cell-Crete	Monrovia, CA	Abandonment Grouting	\$151,000.00

BID RESULTS

City of Riverside
Finance Dept./Purchasing

Due Date	5/25/2016	Bid No.	RPU-7377
Before	3:30pm	Estimate	\$8,500,000.00

Bid Description

Jackson Street 24-Inch Recycled Water Pipeline Project Phase 1

Bidder

C.P. Construction Co., Inc.

Item No.	Item Description	Qty	Unit	Unit Price	Ext. Price
"Schedule A" - From STA 100+00 to STA 226+97, and Central Avenue					
-	Note: All items subject to any special notes or footnotes appearing on this Engineer's estimate included with the bid documents.	-	-	-	-
-	Note: The Contract lump sum or unit price for each Contract Bid Item shall include full compensation for all labor, materials, tools, taxes, profit, overhead, incidentals and appurtenant work necessary for performing and completing the work of the Contract Bid Item as required by the Project Plans, Specifications, Special Provisions and other Contract Documents. Such compensation shall also include or take into consideration any additional provisions or conditions specifically stated immediately following the Contract Bid Item.	-	-	-	-
-	Note: In the absence of a specific bid item or specific payment provisions for any portion of the work required by the Contract Documents, the bidder shall include the bidder's compensation for that portion of the Contract work in the Contract unit price(s) and/or lump sum price(s) of the bid item(s) that require such work, or are closely related to such work. Therefore, no separate or additional payment will be made to the Contractor for any such work on the premise that such work lacks specific bid item(s) or specific payment provisions.	-	-	-	-
1	Clearing and Grubbing including Mobilization/Demolition, Dust Control, Construction Water and Site Cleanup. BID PRICE FOR THIS ITEM SHALL NOT EXCEED 3 PERCENT OF THE TOTAL OF ALL BID ITEMS FOR BID SCHEDULE A, LESS THIS ITEM.	1	LS	\$150,000.00	\$150,000.00
2	Furnish 24-inch ID Recycled Water Pipe with Recycled Water Marking Tape. Bid one of the two alternatives listed below (ENTER A ZERO IN THE ALTERNATIVE NOT BIDDING ON): 0 0 0 0 A. Cement Mortar Lined and Coated Steel	-	-	-	-
	A. Cement Mortar Lined and Coated Steel Pipe (T=0.188" Min, Lining=0.500", Mortar Coating=1.000" Min) with purple poly wrap.	12,700	LF	\$70.00	\$889,000.00
	B. Ductile Iron Pipe (Pressure Class 200) with purple poly wrap.	12,700	LF	\$0.00	\$0.00
3	Install 24-inch ID Recycled Water Pipe Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	12,660	LF	\$100.00	\$1,266,000.00
4	Furnish and Install 36-inch ID Steel Casing (0.500" min wall thickness) including installing 24-inch Piping, Fittings, Spacers, Blown Sand, plans and permits, Complete per Plan at Crossing Over MWD Pipeline Near Magnolia and Monroe Intersection.	40	LF	\$1,950.00	\$78,000.00
5	Furnish 12-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings with Recycled Water Marking Tape and purple poly wrap.	70	LF	\$75.00	\$5,250.00
6	Install 12-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	70	LF	\$210.00	\$14,700.00
7	Furnish 12-inch Ductile Iron Potable Water Pipe (Pressure Class 350) and Fittings with poly wrap.	150	LF	\$75.00	\$11,250.00

8	Install 12-inch Ductile Iron Potable Water Pipe (Pressure Class 350) and Fittings Complete per Plan and CWD-040-1 and CWD-040-2.	150	LF	\$150.00	\$22,500.00
9	Furnish 8-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings with Recycled Water Marking Tape and purple poly wrap.	2,000	LF	\$25.00	\$50,000.00
10	Install 8-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	2,000	LF	\$49.00	\$98,000.00
11	Furnish 8-inch TR-FLEX Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings with purple poly wrap.	100	LF	\$95.00	\$9,500.00
12	Furnish and Install (Bore and Jack) of 16-inch ID Steel Casing (0.375" min wall thickness) including installing 8-inch Piping, Fittings, Spacers, Blown Sand, Excavate Bore and Receiving Pits including Shoring, plans and permits, and dewatering. Complete per Plan Under Union Pacific Railroad at Central Avenue.	100	LF	\$1,450.00	\$145,000.00
13	Furnish and Install Field Fabricated Fittings, including all material, labor, incidentals, for 24-inch ID Recycled Water Steel Pipe (T=0.188" Min.) for Field Fabrication of Bends or Offsets Where Necessary. (ALL BENDS AND OFFSETS FOR DUCTILE IRON PIPE SHALL BE INCLUDED IN BID ITEMS FOR FURNISH AND INSTALLATION OF PIPE AT NO ADDITIONAL COST. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM)	20	EA	\$3,000.00	\$60,000.00
14	Furnish and Install 2,110 Gallon Bladder Surge Tank Assembly, Including Tank Foundation and Anchorage Design, 12" Tank Outlet Pipe, Fittings and Appurtenances and Connection to Existing 36" Steel CML&C Pipe.	1	LS	\$95,000.00	\$95,000.00
15	Furnish and Install 4-inch Combination Air and Vacuum Valve per CWD-460RW.	10	EA	\$9,500.00	\$95,000.00
16	Furnish and Install 2-inch Combination Air and Vacuum Valve per CWD-451RW.	2	EA	\$4,950.00	\$9,900.00
17	Furnish and Install 4-inch Combination Air and Vacuum Valve With 6-inch Bypass per Detail "J" on Sheet 21.	3	EA	\$14,500.00	\$43,500.00
18	Furnish and Install 8-inch Blow-Off per CWD-410RW-B.	13	EA	\$8,750.00	\$113,750.00
19	Furnish and Install 8" Temporary Blow-off Assembly per CWD-414RW For Pressure Testing and Chlorination.	3	EA	\$6,500.00	\$19,500.00
20	Furnish and Install 2-inch Blow-Off (End of Pipe) per CWD-411RW-B.	1	EA	\$1,500.00	\$1,500.00
21	Furnish and Install Temporary 2-inch Blow-Off per CWD 412RW For Pressure Testing and Chlorination.	3	EA	\$1,500.00	\$4,500.00
22	Furnish and Install 8" Temporary Blow-off Assembly (Not Shown in Plan) per CWD-414RW For Pressure Testing and Chlorination.	8	EA	\$6,500.00	\$52,000.00
23	Furnish and Install Temporary 2-inch Blow-Off (Not Shown in Plan) per CWD 412RW For Pressure Testing and Chlorination.	2	EA	\$1,500.00	\$3,000.00
24	Furnish and Install 24-inch Butterfly Valve per CWD-510RW.	7	EA	\$12,500.00	\$87,500.00
25	Furnish and Install 24-inch Manway per CWD-350RW. (These Manways are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	8	EA	\$8,550.00	\$68,400.00
26	Furnish and Install Manhole per CWD-816RW (These Manholes are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	8	EA	\$8,550.00	\$68,400.00
27	Furnish and Install 8-inch Gate Valve per CWD-500RW.	4	EA	\$2,950.00	\$11,800.00
28	Furnish and Install 12-inch Gate Valve per CWD-500RW.	2	EA	\$5,000.00	\$10,000.00

29	Furnish and Install 12-inch Potable Water Gate Valve per CWD-500.	1	EA	\$5,000.00	\$5,000.00
30	Furnish and Install Temporary Water Sampler per CWD-432RW.	28	EA	\$950.00	\$26,600.00
31	Furnish and Install Flange Insulation and Test Lead per CWD-923. (THIS ITEM IS NOT REQUIRED FOR DUCTILE IRON PIPE. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	9	EA	\$3,500.00	\$31,500.00
32	Connect to Existing 24-inch Recycled Water Line on Van Buren by Cut-in, Furnish and Install a 24" X 24" Crotch Plate Tee.	1	EA	\$8,500.00	\$8,500.00
33	Connect to Existing 12-inch Recycled Water Line. Furnish and Install Connection per Detail B on Sheet 3.	1	EA	\$4,000.00	\$4,000.00
34	Furnish Materials for 36" Potable Water Connection and Complete Installation Per Detail D on Sheet 21.	1	EA	\$15,500.00	\$15,500.00
35	Furnish and Install 2-inch Diameter Recycled Water Service For 1-inch Diameter Meter on 24-inch Main per CWD-601RW.	2	EA	\$4,000.00	\$8,000.00
36	Furnish and Install 4-inch Diameter Recycled Water Service For 2-inch meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD-601RW.	5	EA	\$11,500.00	\$57,500.00
37	Furnish and Install 4-inch Diameter Recycled Water Service For 3-inch Meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD-620RW-1 & 2.	4	EA	\$15,000.00	\$60,000.00
38	Furnish and Install 6-inch Diameter Recycled Water Service For 6-inch Meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD-620RW-1 & 2.	1	EA	\$19,500.00	\$19,500.00
39	Furnish and Install 8-inch Diameter Recycled Water Service For 8-Inch Meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD620RW-1 & 2. Vault per CWD 801RW-1 & 2.	2	EA	\$21,500.00	\$43,000.00
40	Furnish and Install 24-inch Utility Conflict Offset (4 X 45 degree bends and Required Piping) Per "Typical Utility Crossing" Detail on Sheet 22. (These Offsets are for Unforeseen Utility Conflicts for the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	4	EA	\$3,000.00	\$12,000.00
41	Furnish and Install Potable to Recycled Water Emergency Connection Assembly, Including Piping, Pipe Appurtenances, Manholes, Concrete Pad, Ground Surface Restoration, Irrigation Repair and All Other Works as Shown per Plan.	1	EA	\$30,000.00	\$30,000.00
42	Furnish and Install 24-inch Buttstrap Per CWD-220RW.	4	EA	\$3,500.00	\$14,000.00
43	Bracing Excavation for Recycled Water and Water Lines.	15,400	LF	\$7.00	\$107,800.00
44	Pipe Pressure Testing (including water).	1	LS	\$25,000.00	\$25,000.00
45	Pipe Flushing (including water).	1	LS	\$40,000.00	\$40,000.00
46	Relocate Existing Sewer Lateral.	42	EA	\$1,250.00	\$52,500.00
47	Cut and Plug, and Remove and Dispose Abandoned 18-inch Irrigation Pipe and Manholes as Indicated per Plan.	1,200	LF	\$25.00	\$30,000.00
48	Cut and Plug, and Remove and Dispose Abandoned 20-inch Sewer Pipe and Manholes as Indicated per Plan.	850	LF	\$25.00	\$21,250.00
49	Cut and Plug, and Remove and Dispose Abandoned 18-inch Storm Drain as Indicated per Plan.	70	LF	\$25.00	\$1,750.00
50	Sewer Main Interior Inspection Video or other means to Identify Sewer Lateral Locations.	1	LS	\$15,000.00	\$15,000.00
51	Chlorination and Sanitary Samples (including water), dispose of Chlorinated Water.	1	LS	\$25,000.00	\$25,000.00
52	CML&C Steel Pipeline Interior Video Inspection. (INTERIOR VIDEO INSPECTION OF DUCTILE IRON PIPE IS NOT REQUIRED. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	1	LS	\$25,000.00	\$25,000.00
53	Furnish and Install Temporary Paving (3" Min.), including periodic maintenance necessary to sustain a smooth driving surface at all times.	15,400	LF	\$7.00	\$107,800.00

54	Furnish and Install Permanent Pavement, Including Full Structural Section, per City of Riverside, Public Works Department Std. Dwg. 453. Includes the Area of Work by City Forces. (See Street Improvement Plans for Structural Section).	15,400	LF	\$50.00	\$770,000.00
55	Trench Dewatering.	1	LS	\$100.00	\$100.00
56	Traffic Loop Replacement. The Entire Detector Loop System Shall be Replaced to the Pull box. It is assumed that the loop system at each signalized intersection will be replaced twice, once after base paving and once after final paving.	14	EA	\$700.00	\$9,800.00
57	Traffic Striping, for Base Paving and Final Paving.	1	LS	\$40,000.00	\$40,000.00
58	Bedrock Removal.	5,000	LF	\$25.00	\$125,000.00
59	Adjust Valve Can Lids to Sit Flush With the Finished Pavement Surface.	1	LS	\$500.00	\$500.00
60	Traffic Control for Recycled Water Improvement Items. Includes Traffic Control for Construction Staking by City Survey Crew.	1	LS	\$185,000.00	\$185,000.00
61	Furnish and Install Portable Changeable Message Sign.	6	EA	\$7,000.00	\$42,000.00
62	Storm Water Pollution Prevention Control Plan (SWPPP) and Best Management Practices (BMPs).	1	LS	\$40,000.00	\$40,000.00
				Bid Schedule A Total	\$5,481,550.00

"Schedule B" - From STA 226+97 to STA 252+40

-	Note: All items subject to any special notes or footnotes appearing on this Engineer's estimate included with the bid documents.	-	-	-	-
-	Note: The Contract lump sum or unit price for each Contract Bid Item shall include full compensation for all labor, materials, tools, taxes, profit, overhead, incidentals and appurtenant work necessary for performing and completing the work of the Contract Bid Item as required by the Project Plans, Specifications, Special Provisions and other Contract Documents. Such compensation shall also include or take into consideration any additional provisions or conditions specifically stated immediately following the Contract Bid Item.	-	-	-	-
-	Note: In the absence of a specific bid item or specific payment provisions for any portion of the work required by the Contract Documents, the bidder shall include the bidder's compensation for that portion of the Contract work in the Contract unit price(s) and/or lump sum price(s) of the bid item(s) that require such work, or are closely related to such work. Therefore, no separate or additional payment will be made to the Contractor for any such work on the premise that such work lacks specific bid item(s) or specific payment provisions.	-	-	-	-
63	Clearing and Grubbing including Mobilization/Demolition, Dust Control, Construction Water and Site Cleanup. BID PRICE FOR THIS ITEM SHALL NOT EXCEED 3 PERCENT OF THE TOTAL OF ALL BID ITEMS FOR BID SCHEDULE B, LESS THIS ITEM.	1	LS	\$40,000.00	\$40,000.00
64	Furnish 24-inch ID Recycled Water Pipe with Recycled Water Marking Tape. Bid one of the two alternatives listed below (ENTER A ZERO IN THE ALTERNATIVE NOT BIDDING ON):	-	-	-	-
	A. Cement Mortar Lined and Coated Steel Pipe (T=0.188" Min, Lining=0.500", Mortar Coating=1.000" Min) with purple poly wrap.	2,200	LF	\$70.00	\$154,000.00
	B. Ductile Iron Pipe (Pressure Class 200) with purple poly wrap.	2,200	LF	\$0.00	\$0.00
65	Install 24-inch ID Recycled Water Pipe Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	1,840	LF	\$100.00	\$184,000.00
66	Furnish and Install 36-inch ID Steel Casing (0.500" min wall thickness) including installing 24-inch Piping, Fittings, Spacers, Blown Sand, plans and permits, Complete per Plan at Crossings Under 91 Freeway, Under BNSF Railroad Bridge and Over Sewer Pipeline on Monroe Street.	360	LF	\$1,650.00	\$594,000.00

67	Furnish 24-inch TR-FLEX Ductile Iron Recycled Water Pipe (Pressure Class 200) and Fittings with purple poly wrap.	380	LF	\$150.00	\$57,000.00
68	Install 24-inch Ductile Iron TR-FLEX Recycled Water Pipe (Pressure Class 200) Through Abandoned 48-Inch "Techite" Pipe and Grout Annular Space Between The Two Pipes With CLSM Material.	380	LF	\$195.00	\$74,100.00
69	Furnish and Install Field Fabricated Fittings, including all material, labor, incidentals, for 24-inch ID Recycled Water Steel Pipe (T=0.188" Min.) for Field Fabrication of Bends or Offsets Where Necessary. (ALL BENDS AND OFFSETS FOR DUCTILE IRON PIPE SHALL BE INCLUDED IN BID ITEMS FOR FURNISH AND INSTALLATION OF PIPE WITH NO ADDITIONAL COMPENSATION. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM)	6	EA	\$6,000.00	\$36,000.00
70	Furnish and Install 4-inch Combination Air and Vacuum Valve per CWD-460RW.	2	EA	\$9,500.00	\$19,000.00
71	Furnish and Install 4-inch Combination Air and Vacuum Valve With 6-inch Bypass per Detail "J" on Sheet 21.	2	EA	\$14,500.00	\$29,000.00
72	Furnish and Install 8-inch Blow-Off (End of Pipe) per Detail "G", Sheet 21	1	EA	\$8,750.00	\$8,750.00
73	Furnish and Install 8-inch Blow-Off per CWD-410RW-B.	3	EA	\$8,750.00	\$26,250.00
74	Furnish and Install 8-Inch Temporary Blow-off per CWD-414RW For Pressure Testing and Disinfection.	1	EA	\$8,750.00	\$8,750.00
75	Furnish and Install 8-Inch Temporary Blow-off (Not Shown in Plan) per CWD-414RW For Pressure Testing and Disinfection.	6	EA	\$8,750.00	\$52,500.00
76	Furnish and Install 24-inch Butterfly Valve per CWD-510RW.	2	EA	\$12,500.00	\$25,000.00
77	Furnish and Install 24-inch Manway per CWD-350RW. (These Manways are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	1	EA	\$8,550.00	\$8,550.00
78	Furnish and Install Manhole per CWD-816RW (These Manholes are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	1	EA	\$8,550.00	\$8,550.00
79	Furnish and Install Temporary Water Sampler per CWD-432RW.	4	EA	\$750.00	\$3,000.00
80	Cut and Plug, and Remove and Dispose Abandoned 18-inch Irrigation Pipe and Manholes per Plan.	450	LF	\$35.00	\$15,750.00
81	Furnish and Install 24-inch Utility Conflict Offset (4 X 45 degree bends and Required Piping) Per "Typical Utility Crossing" Detail on Sheet 22. (These Offsets are for Unforeseen Utility Conflicts for the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	2	EA	\$4,000.00	\$8,000.00
82	Bracing Excavation for Recycled Water Lines.	2,400	LF	\$7.00	\$16,800.00
83	Pipe Pressure Testing (including water).	1	LS	\$7,000.00	\$7,000.00
84	Pipe Flushing (including water).	1	LS	\$15,000.00	\$15,000.00
85	Relocate Existing Sewer Lateral.	8	EA	\$1,500.00	\$12,000.00
86	Sewer Main Interior Inspection Video or other means to Identify Sewer Lateral Locations.	1	LS	\$8,500.00	\$8,500.00
87	Furnish and Install Flange Insulation and Test Lead per CWD-923. (THIS ITEM IS NOT REQUIRED FOR DUCTILE IRON PIPE. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	2	EA	\$4,000.00	\$8,000.00
88	CML&C Steel Pipeline Interior Video Inspection. (INTERIOR VIDEO INSPECTION OF DUCTILE IRON PIPE IS NOT REQUIRED. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	1	LS	\$8,500.00	\$8,500.00
89	Furnish and Install Temporary Paving (3" Min.), including periodic maintenance necessary to sustain a smooth driving surface at all times.	2,400	LF	\$8.00	\$19,200.00

90	Furnish and Install Permanent Pavement, Including Full Structural Section, per City of Riverside, Public Works Department Std. Dwg. 453. Includes the Area of Work by City Forces. (See Street Improvement Plans for Structural Section).	2,400	LF	\$50.00	\$120,000.00
91	Trench Dewatering.	1	LS	\$500.00	\$500.00
92	Adjust Valve Can Lids to Sit Flush With the Finished Pavement Surface.	1	LS	\$750.00	\$750.00
93	Traffic Control for Recycled Water Improvement Items, Includes Traffic Control for Construction Staking by City Survey Crew.	1	LS	\$25,000.00	\$25,000.00
94	Traffic Loop Replacement, including detector card. The Entire Detector Loop System Shall be Replaced to the Signal Panel. It is assumed that the loop system at each signalized intersection will be replaced twice, once after base paving and once after final paving.	2	EA	\$750.00	\$1,500.00
95	Traffic Striping.	1	LS	\$15,000.00	\$15,000.00
96	Furnish and Install Portable Changeable Message Sign.	2	EA	\$7,000.00	\$14,000.00
97	Storm Water Pollution Prevention Control Plan (SWPPP) and Best Management Practices (BMPs).	1	LS	\$12,000.00	\$12,000.00
				Bid Schedule B Total	\$1,635,950.00

"Schedule C" - Slurry Grout Abandoned 48" and 42" Techite Pipe

-	Note: All items subject to any special notes or footnotes appearing on this Engineer's estimate included with the bid documents.	-	-	-	-
-	Note: The Contract lump sum or unit price for each Contract Bid Item shall include full compensation for all labor, materials, tools, taxes, profit, overhead, incidentals and appurtenant work necessary for performing and completing the work of the Contract Bid Item as required by the Project Plans, Specifications, Special Provisions and other Contract Documents. Such compensation shall also include or take into consideration any additional provisions or conditions specifically stated immediately following the Contract Bid Item.	-	-	-	-
-	Note: In the absence of a specific bid item or specific payment provisions for any portion of the work required by the Contract Documents, the bidder shall include the bidder's compensation for that portion of the Contract work in the Contract unit price(s) and/or lump sum price(s) of the bid item(s) that require such work, or are closely related to such work. Therefore, no separate or additional payment will be made to the Contractor for any such work on the premise that such work lacks specific bid item(s) or specific payment provisions.	-	-	-	-
98	Clearing and Grubbing including Mobilization/Demolition, Dust Control, Construction Water and Site Cleanup. BID PRICE FOR THIS ITEM SHALL NOT EXCEED 3 PERCENT OF THE TOTAL OF ALL BID ITEMS FOR BID SCHEDULE C, LESS THIS ITEM.	1	LS	\$20,000.00	\$20,000.00
99	Pressure Grout Abandoned 48-inch and 42-inch Techite Pipe on Monroe Street from Lincoln Avenue to California Avenue.	8,300	LF	\$49.00	\$406,700.00
100	Excavate and Backfill Pit for Pipe Grouting.	12	EA	\$12,000.00	\$144,000.00
101	Furnish and Install Temporary Paving (3" Min.) for Each Excavated Pit, including periodic maintenance necessary to sustain a smooth driving surface at all times.	12	EA	\$3,000.00	\$36,000.00
102	Furnish and install 12-inch Class 2 Crushed Aggregate Base Material.	1	LS	\$20,000.00	\$20,000.00
103	Furnish and Install 7-Inches Thick Pavement For Each Excavated Pit, Including Full Structural Section, per City of Riverside, Public Works Department Std. Dwg. 453. Includes the Area of Work by City Forces. (See Street Improvement Plans for Structural Section).	12	EA	\$12,000.00	\$144,000.00
104	Trench Dewatering.	1	LS	\$1,000.00	\$1,000.00
105	Traffic Control, Includes Traffic Control for Construction Staking by City Survey Crew.	1	LS	\$15,000.00	\$15,000.00
106	Storm Water Pollution Prevention Control Plan (SWPPP) and Best Management Practices (BMPs).	1	LS	\$10,000.00	\$10,000.00

Bid Schedule C Total	\$796,700.00
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Subcontractor Information			
Subcontractor Name	Location	Portion	Amount
All American Asphalt	Corona, CA	Portion of Bid Items No. 54, 90 and 103	\$307,000.00
Golden State Boring & Pipe Jacking, Inc.	Chino, CA	Portion of Bid Items No. 12 & 66	\$137,000.00
Superior Pavement Markings	Cypress, CA	Portion of Bid Items No. 57 & 95	\$49,000.00

BID RESULTS

City of Riverside
Finance Dept./Purchasing

Due Date	5/25/2016	Bid No.	RPU-7377
Before	3:30pm	Estimate	\$8,500,000.00

Bid Description

Jackson Street 24-Inch Recycled Water Pipeline Project Phase 1

Bidder

Downing Construction, Inc.

Item No.	Item Description	Qty	Unit	Unit Price	Ext. Price
"Schedule A" - From STA 100+00 to STA 226+97, and Central Avenue					
-	Note: All items subject to any special notes or footnotes appearing on this Engineer's estimate included with the bid documents.	-	-	-	-
-	Note: The Contract lump sum or unit price for each Contract Bid Item shall include full compensation for all labor, materials, tools, taxes, profit, overhead, incidentals and appurtenant work necessary for performing and completing the work of the Contract Bid Item as required by the Project Plans, Specifications, Special Provisions and other Contract Documents. Such compensation shall also include or take into consideration any additional provisions or conditions specifically stated immediately following the Contract Bid Item.	-	-	-	-
-	Note: In the absence of a specific bid item or specific payment provisions for any portion of the work required by the Contract Documents, the bidder shall include the bidder's compensation for that portion of the Contract work in the Contract unit price(s) and/or lump sum price(s) of the bid item(s) that require such work, or are closely related to such work. Therefore, no separate or additional payment will be made to the Contractor for any such work on the premise that such work lacks specific bid item(s) or specific payment provisions.	-	-	-	-
1	Clearing and Grubbing including Mobilization/Demolition, Dust Control, Construction Water and Site Cleanup. BID PRICE FOR THIS ITEM SHALL NOT EXCEED 3 PERCENT OF THE TOTAL OF ALL BID ITEMS FOR BID SCHEDULE A, LESS THIS ITEM.	1	LS	\$132,000.00	\$132,000.00
2	Furnish 24-inch ID Recycled Water Pipe with Recycled Water Marking Tape. Bid one of the two alternatives listed below (ENTER A ZERO IN THE ALTERNATIVE NOT BIDDING ON): 0 0 0 0 A. Cement Mortar Lined and Coated Steel	-	-	-	-
	A. Cement Mortar Lined and Coated Steel Pipe (T=0.188" Min, Lining=0.500", Mortar Coating=1.000" Min) with purple poly wrap.	12,700	LF	\$0.00	\$0.00
	B. Ductile Iron Pipe (Pressure Class 200) with purple poly wrap.	12,700	LF	\$100.00	\$1,270,000.00
3	Install 24-inch ID Recycled Water Pipe Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	12,660	LF	\$103.50	\$1,310,310.00
4	Furnish and Install 36-inch ID Steel Casing (0.500" min wall thickness) including installing 24-inch Piping, Fittings, Spacers, Blown Sand, plans and permits, Complete per Plan at Crossing Over MWD Pipeline Near Magnolia and Monroe Intersection.	40	LF	\$445.00	\$17,800.00
5	Furnish 12-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings with Recycled Water Marking Tape and purple poly wrap.	70	LF	\$83.00	\$5,810.00
6	Install 12-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	70	LF	\$127.00	\$8,890.00
7	Furnish 12-inch Ductile Iron Potable Water Pipe (Pressure Class 350) and Fittings with poly wrap.	150	LF	\$47.00	\$7,050.00

8	Install 12-inch Ductile Iron Potable Water Pipe (Pressure Class 350) and Fittings Complete per Plan and CWD-040-1 and CWD-040-2.	150	LF	\$124.00	\$18,600.00
9	Furnish 8-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings with Recycled Water Marking Tape and purple poly wrap.	2,000	LF	\$23.00	\$46,000.00
10	Install 8-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	2,000	LF	\$106.50	\$213,000.00
11	Furnish 8-inch TR-FLEX Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings with purple poly wrap.	100	LF	\$26.00	\$2,600.00
12	Furnish and Install (Bore and Jack) of 16-inch ID Steel Casing (0.375" min wall thickness) including installing 8-inch Piping, Fittings, Spacers, Blown Sand, Excavate Bore and Receiving Pits including Shoring, plans and permits, and dewatering. Complete per Plan Under Union Pacific Railroad at Central Avenue.	100	LF	\$365.00	\$36,500.00
13	Furnish and Install Field Fabricated Fittings, including all material, labor, incidentals, for 24-inch ID Recycled Water Steel Pipe (T=0.188" Min.) for Field Fabrication of Bends or Offsets Where Necessary. (ALL BENDS AND OFFSETS FOR DUCTILE IRON PIPE SHALL BE INCLUDED IN BID ITEMS FOR FURNISH AND INSTALLATION OF PIPE AT NO ADDITIONAL COST. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM)	20	EA	\$0.00	\$0.00
14	Furnish and Install 2,110 Gallon Bladder Surge Tank Assembly, Including Tank Foundation and Anchorage Design, 12" Tank Outlet Pipe, Fittings and Appurtenances and Connection to Existing 36" Steel CML&C Pipe.	1	LS	\$14,000.00	\$14,000.00
15	Furnish and Install 4-inch Combination Air and Vacuum Valve per CWD-460RW.	10	EA	\$8,840.00	\$88,400.00
16	Furnish and Install 2-inch Combination Air and Vacuum Valve per CWD-451RW.	2	EA	\$3,825.00	\$7,650.00
17	Furnish and Install 4-inch Combination Air and Vacuum Valve With 6-inch Bypass per Detail "J" on Sheet 21.	3	EA	\$16,370.00	\$49,110.00
18	Furnish and Install 8-inch Blow-Off per CWD-410RW-B.	13	EA	\$11,030.00	\$143,390.00
19	Furnish and Install 8" Temporary Blow-off Assembly per CWD-414RW For Pressure Testing and Chlorination.	3	EA	\$5,150.00	\$15,450.00
20	Furnish and Install 2-inch Blow-Off (End of Pipe) per CWD-411RW-B.	1	EA	\$2,880.00	\$2,880.00
21	Furnish and Install Temporary 2-inch Blow-Off per CWD 412RW For Pressure Testing and Chlorination.	3	EA	\$2,290.00	\$6,870.00
22	Furnish and Install 8" Temporary Blow-off Assembly (Not Shown in Plan) per CWD-414RW For Pressure Testing and Chlorination.	8	EA	\$3,800.00	\$30,400.00
23	Furnish and Install Temporary 2-inch Blow-Off (Not Shown in Plan) per CWD 412RW For Pressure Testing and Chlorination.	2	EA	\$2,400.00	\$4,800.00
24	Furnish and Install 24-inch Butterfly Valve per CWD-510RW.	7	EA	\$11,720.00	\$82,040.00
25	Furnish and Install 24-inch Manway per CWD-350RW. (These Manways are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	8	EA	\$6,800.00	\$54,400.00
26	Furnish and Install Manhole per CWD-816RW (These Manholes are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	8	EA	\$5,350.00	\$42,800.00
27	Furnish and Install 8-inch Gate Valve per CWD-500RW.	4	EA	\$1,870.00	\$7,480.00
28	Furnish and Install 12-inch Gate Valve per CWD-500RW.	2	EA	\$3,230.00	\$6,460.00

29	Furnish and Install 12-inch Potable Water Gate Valve per CWD-500.	1	EA	\$3,670.00	\$3,670.00
30	Furnish and Install Temporary Water Sampler per CWD-432RW.	28	EA	\$1,560.00	\$43,680.00
31	Furnish and Install Flange Insulation and Test Lead per CWD-923. (THIS ITEM IS NOT REQUIRED FOR DUCTILE IRON PIPE. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	9	EA	\$0.00	\$0.00
32	Connect to Existing 24-inch Recycled Water Line on Van Buren by Cut-in, Furnish and Install a 24" X 24" Crotch Plate Tee.	1	EA	\$25,000.00	\$25,000.00
33	Connect to Existing 12-inch Recycled Water Line. Furnish and Install Connection per Detail B on Sheet 3.	1	EA	\$17,000.00	\$17,000.00
34	Furnish Materials for 36" Potable Water Connection and Complete Installation Per Detail D on Sheet 21.	1	EA	\$19,000.00	\$19,000.00
35	Furnish and Install 2-inch Diameter Recycled Water Service For 1-inch Diameter Meter on 24-inch Main per CWD-601RW.	2	EA	\$3,840.00	\$7,680.00
36	Furnish and Install 4-inch Diameter Recycled Water Service For 2-inch meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD-601RW.	5	EA	\$5,980.00	\$29,900.00
37	Furnish and Install 4-inch Diameter Recycled Water Service For 3-inch Meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD-620RW-1 & 2.	4	EA	\$22,800.00	\$91,200.00
38	Furnish and Install 6-inch Diameter Recycled Water Service For 6-inch Meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD-620RW-1 & 2.	1	EA	\$28,850.00	\$28,850.00
39	Furnish and Install 8-inch Diameter Recycled Water Service For 8-Inch Meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD620RW-1 & 2. Vault per CWD 801RW-1 & 2.	2	EA	\$28,350.00	\$56,700.00
40	Furnish and Install 24-inch Utility Conflict Offset (4 X 45 degree bends and Required Piping) Per "Typical Utility Crossing" Detail on Sheet 22. (These Offsets are for Unforeseen Utility Conflicts for the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	4	EA	\$7,130.00	\$28,520.00
41	Furnish and Install Potable to Recycled Water Emergency Connection Assembly, Including Piping, Pipe Appurtenances, Manholes, Concrete Pad, Ground Surface Restoration, Irrigation Repair and All Other Works as Shown per Plan.	1	EA	\$22,000.00	\$22,000.00
42	Furnish and Install 24-inch Buttstrap Per CWD-220RW.	4	EA	\$1,500.00	\$6,000.00
43	Bracing Excavation for Recycled Water and Water Lines.	15,400	LF	\$2.00	\$30,800.00
44	Pipe Pressure Testing (including water).	1	LS	\$5,000.00	\$5,000.00
45	Pipe Flushing (including water).	1	LS	\$2,500.00	\$2,500.00
46	Relocate Existing Sewer Lateral.	42	EA	\$2,200.00	\$92,400.00
47	Cut and Plug, and Remove and Dispose Abandoned 18-inch Irrigation Pipe and Manholes as Indicated per Plan.	1,200	LF	\$21.00	\$25,200.00
48	Cut and Plug, and Remove and Dispose Abandoned 20-inch Sewer Pipe and Manholes as Indicated per Plan.	850	LF	\$21.00	\$17,850.00
49	Cut and Plug, and Remove and Dispose Abandoned 18-inch Storm Drain as Indicated per Plan.	70	LF	\$38.00	\$2,660.00
50	Sewer Main Interior Inspection Video or other means to Identify Sewer Lateral Locations.	1	LS	\$15,000.00	\$15,000.00
51	Chlorination and Sanitary Samples (including water), dispose of Chlorinated Water.	1	LS	\$10,000.00	\$10,000.00
52	CML&C Steel Pipeline Interior Video Inspection. (INTERIOR VIDEO INSPECTION OF DUCTILE IRON PIPE IS NOT REQUIRED. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	1	LS	\$0.00	\$0.00
53	Furnish and Install Temporary Paving (3" Min.), including periodic maintenance necessary to sustain a smooth driving surface at all times.	15,400	LF	\$8.00	\$123,200.00

54	Furnish and Install Permanent Pavement, Including Full Structural Section, per City of Riverside, Public Works Department Std. Dwg. 453. Includes the Area of Work by City Forces. (See Street Improvement Plans for Structural Section).	15,400	LF	\$59.00	\$908,600.00
55	Trench Dewatering.	1	LS	\$50,000.00	\$50,000.00
56	Traffic Loop Replacement. The Entire Detector Loop System Shall be Replaced to the Pull box. It is assumed that the loop system at each signalized intersection will be replaced twice, once after base paving and once after final paving.	14	EA	\$4,400.00	\$61,600.00
57	Traffic Striping, for Base Paving and Final Paving.	1	LS	\$40,000.00	\$40,000.00
58	Bedrock Removal.	5,000	LF	\$1.00	\$5,000.00
59	Adjust Valve Can Lids to Sit Flush With the Finished Pavement Surface.	1	LS	\$2,850.00	\$2,850.00
60	Traffic Control for Recycled Water Improvement Items. Includes Traffic Control for Construction Staking by City Survey Crew.	1	LS	\$240,000.00	\$240,000.00
61	Furnish and Install Portable Changeable Message Sign.	6	EA	\$6,875.00	\$41,250.00
62	Storm Water Pollution Prevention Control Plan (SWPPP) and Best Management Practices (BMPs).	1	LS	\$5,500.00	\$5,500.00
				Bid Schedule A Total	\$5,683,300.00

"Schedule B" - From STA 226+97 to STA 252+40

-	Note: All items subject to any special notes or footnotes appearing on this Engineer's estimate included with the bid documents.	-	-	-	-
-	Note: The Contract lump sum or unit price for each Contract Bid Item shall include full compensation for all labor, materials, tools, taxes, profit, overhead, incidentals and appurtenant work necessary for performing and completing the work of the Contract Bid Item as required by the Project Plans, Specifications, Special Provisions and other Contract Documents. Such compensation shall also include or take into consideration any additional provisions or conditions specifically stated immediately following the Contract Bid Item.	-	-	-	-
-	Note: In the absence of a specific bid item or specific payment provisions for any portion of the work required by the Contract Documents, the bidder shall include the bidder's compensation for that portion of the Contract work in the Contract unit price(s) and/or lump sum price(s) of the bid item(s) that require such work, or are closely related to such work. Therefore, no separate or additional payment will be made to the Contractor for any such work on the premise that such work lacks specific bid item(s) or specific payment provisions.	-	-	-	-
63	Clearing and Grubbing including Mobilization/Demolition, Dust Control, Construction Water and Site Cleanup. BID PRICE FOR THIS ITEM SHALL NOT EXCEED 3 PERCENT OF THE TOTAL OF ALL BID ITEMS FOR BID SCHEDULE B, LESS THIS ITEM.	1	LS	\$29,100.00	\$29,100.00
64	Furnish 24-inch ID Recycled Water Pipe with Recycled Water Marking Tape. Bid one of the two alternatives listed below (ENTER A ZERO IN THE ALTERNATIVE NOT BIDDING ON):	-	-	-	-
	A. Cement Mortar Lined and Coated Steel Pipe (T=0.188" Min, Lining=0.500", Mortar Coating=1.000" Min) with purple poly wrap.	2,200	LF	\$0.00	\$0.00
	B. Ductile Iron Pipe (Pressure Class 200) with purple poly wrap.	2,200	LF	\$120.00	\$264,000.00
65	Install 24-inch ID Recycled Water Pipe Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	1,840	LF	\$129.50	\$238,280.00
66	Furnish and Install 36-inch ID Steel Casing (0.500" min wall thickness) including installing 24-inch Piping, Fittings, Spacers, Blown Sand, plans and permits, Complete per Plan at Crossings Under 91 Freeway, Under BNSF Railroad Bridge and Over Sewer Pipeline on Monroe Street.	360	LF	\$388.00	\$139,680.00

67	Furnish 24-inch TR-FLEX Ductile Iron Recycled Water Pipe (Pressure Class 200) and Fittings with purple poly wrap.	380	LF	\$93.00	\$35,340.00
68	Install 24-inch Ductile Iron TR-FLEX Recycled Water Pipe (Pressure Class 200) Through Abandoned 48-Inch "Techite" Pipe and Grout Annular Space Between The Two Pipes With CLSM Material.	380	LF	\$181.00	\$68,780.00
69	Furnish and Install Field Fabricated Fittings, including all material, labor, incidentals, for 24-inch ID Recycled Water Steel Pipe (T=0.188" Min.) for Field Fabrication of Bends or Offsets Where Necessary. (ALL BENDS AND OFFSETS FOR DUCTILE IRON PIPE SHALL BE INCLUDED IN BID ITEMS FOR FURNISH AND INSTALLATION OF PIPE WITH NO ADDITIONAL COMPENSATION. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM)	6	EA	\$0.00	\$0.00
70	Furnish and Install 4-inch Combination Air and Vacuum Valve per CWD-460RW.	2	EA	\$8,900.00	\$17,800.00
71	Furnish and Install 4-inch Combination Air and Vacuum Valve With 6-inch Bypass per Detail "J" on Sheet 21.	2	EA	\$15,165.00	\$30,330.00
72	Furnish and Install 8-inch Blow-Off (End of Pipe) per Detail "G", Sheet 21	1	EA	\$8,825.00	\$8,825.00
73	Furnish and Install 8-inch Blow-Off per CWD-410RW-B.	3	EA	\$11,300.00	\$33,900.00
74	Furnish and Install 8-Inch Temporary Blow-off per CWD-414RW For Pressure Testing and Disinfection.	1	EA	\$5,160.00	\$5,160.00
75	Furnish and Install 8-Inch Temporary Blow-off (Not Shown in Plan) per CWD-414RW For Pressure Testing and Disinfection.	6	EA	\$5,700.00	\$34,200.00
76	Furnish and Install 24-inch Butterfly Valve per CWD-510RW.	2	EA	\$8,175.00	\$16,350.00
77	Furnish and Install 24-inch Manway per CWD-350RW. (These Manways are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	1	EA	\$6,825.00	\$6,825.00
78	Furnish and Install Manhole per CWD-816RW (These Manholes are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	1	EA	\$5,350.00	\$5,350.00
79	Furnish and Install Temporary Water Sampler per CWD-432RW.	4	EA	\$2,090.00	\$8,360.00
80	Cut and Plug, and Remove and Dispose Abandoned 18-inch Irrigation Pipe and Manholes per Plan.	450	LF	\$48.00	\$21,600.00
81	Furnish and Install 24-inch Utility Conflict Offset (4 X 45 degree bends and Required Piping) Per "Typical Utility Crossing" Detail on Sheet 22. (These Offsets are for Unforeseen Utility Conflicts for the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	2	EA	\$7,150.00	\$14,300.00
82	Bracing Excavation for Recycled Water Lines.	2,400	LF	\$8.00	\$19,200.00
83	Pipe Pressure Testing (including water).	1	LS	\$750.00	\$750.00
84	Pipe Flushing (including water).	1	LS	\$750.00	\$750.00
85	Relocate Existing Sewer Lateral.	8	EA	\$2,200.00	\$17,600.00
86	Sewer Main Interior Inspection Video or other means to Identify Sewer Lateral Locations.	1	LS	\$2,600.00	\$2,600.00
87	Furnish and Install Flange Insulation and Test Lead per CWD-923. (THIS ITEM IS NOT REQUIRED FOR DUCTILE IRON PIPE. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	2	EA	\$0.00	\$0.00
88	CML&C Steel Pipeline Interior Video Inspection. (INTERIOR VIDEO INSPECTION OF DUCTILE IRON PIPE IS NOT REQUIRED. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	1	LS	\$0.00	\$0.00
89	Furnish and Install Temporary Paving (3" Min.), including periodic maintenance necessary to sustain a smooth driving surface at all times.	2,400	LF	\$8.00	\$19,200.00

90	Furnish and Install Permanent Pavement, Including Full Structural Section, per City of Riverside, Public Works Department Std. Dwg. 453. Includes the Area of Work by City Forces. (See Street Improvement Plans for Structural Section).	2,400	LF	\$55.00	\$132,000.00
91	Trench Dewatering.	1	LS	\$1,000.00	\$1,000.00
92	Adjust Valve Can Lids to Sit Flush With the Finished Pavement Surface.	1	LS	\$800.00	\$800.00
93	Traffic Control for Recycled Water Improvement Items, Includes Traffic Control for Construction Staking by City Survey Crew.	1	LS	\$55,000.00	\$55,000.00
94	Traffic Loop Replacement, including detector card. The Entire Detector Loop System Shall be Replaced to the Signal Panel. It is assumed that the loop system at each signalized intersection will be replaced twice, once after base paving and once after final paving.	2	EA	\$6,000.00	\$12,000.00
95	Traffic Striping.	1	LS	\$9,800.00	\$9,800.00
96	Furnish and Install Portable Changeable Message Sign.	2	EA	\$1,550.00	\$3,100.00
97	Storm Water Pollution Prevention Control Plan (SWPPP) and Best Management Practices (BMPs).	1	LS	\$5,000.00	\$5,000.00
				Bid Schedule B Total	\$1,256,980.00

"Schedule C" - Slurry Grout Abandoned 48" and 42" Techite Pipe

-	Note: All items subject to any special notes or footnotes appearing on this Engineer's estimate included with the bid documents.	-	-	-	-
-	Note: The Contract lump sum or unit price for each Contract Bid Item shall include full compensation for all labor, materials, tools, taxes, profit, overhead, incidentals and appurtenant work necessary for performing and completing the work of the Contract Bid Item as required by the Project Plans, Specifications, Special Provisions and other Contract Documents. Such compensation shall also include or take into consideration any additional provisions or conditions specifically stated immediately following the Contract Bid Item.	-	-	-	-
-	Note: In the absence of a specific bid item or specific payment provisions for any portion of the work required by the Contract Documents, the bidder shall include the bidder's compensation for that portion of the Contract work in the Contract unit price(s) and/or lump sum price(s) of the bid item(s) that require such work, or are closely related to such work. Therefore, no separate or additional payment will be made to the Contractor for any such work on the premise that such work lacks specific bid item(s) or specific payment provisions.	-	-	-	-
98	Clearing and Grubbing including Mobilization/Demolition, Dust Control, Construction Water and Site Cleanup. BID PRICE FOR THIS ITEM SHALL NOT EXCEED 3 PERCENT OF THE TOTAL OF ALL BID ITEMS FOR BID SCHEDULE C, LESS THIS ITEM.	1	LS	\$9,900.00	\$9,900.00
99	Pressure Grout Abandoned 48-inch and 42-inch Techite Pipe on Monroe Street from Lincoln Avenue to California Avenue.	8,300	LF	\$33.40	\$277,220.00
100	Excavate and Backfill Pit for Pipe Grouting.	12	EA	\$1,100.00	\$13,200.00
101	Furnish and Install Temporary Paving (3" Min.) for Each Excavated Pit, including periodic maintenance necessary to sustain a smooth driving surface at all times.	12	EA	\$625.00	\$7,500.00
102	Furnish and install 12-inch Class 2 Crushed Aggregate Base Material.	1	LS	\$1,500.00	\$1,500.00
103	Furnish and Install 7-Inches Thick Pavement For Each Excavated Pit, Including Full Structural Section, per City of Riverside, Public Works Department Std. Dwg. 453. Includes the Area of Work by City Forces. (See Street Improvement Plans for Structural Section).	12	EA	\$720.00	\$8,640.00
104	Trench Dewatering.	1	LS	\$2,000.00	\$2,000.00
105	Traffic Control, Includes Traffic Control for Construction Staking by City Survey Crew.	1	LS	\$8,000.00	\$8,000.00
106	Storm Water Pollution Prevention Control Plan (SWPPP) and Best Management Practices (BMPs).	1	LS	\$5,200.00	\$5,200.00

Bid Schedule C Total	\$333,160.00
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Subcontractor Information			
Subcontractor Name	Location	Portion	Amount
Golden State Boring	Chino, CA	Jack/Bore	\$20,000.00
Matich Corporation	Highland, CA	Grind/Cap	\$112,750.00
Superior Pavement Markings	Cypress, CA	Striping	\$48,982.00
Cell-Crete Corp.	Monrovia, CA	Grouting	\$151,049.00
Los Angeles Signal Contr. Inc.	San Dimas, CA	Traffic Loops	\$67,804.00

BID RESULTS

City of Riverside
Finance Dept./Purchasing

Due Date	5/25/2016	Bid No.	RPU-7377
Before	3:30pm	Estimate	\$8,500,000.00

Bid Description

Jackson Street 24-Inch Recycled Water Pipeline Project Phase 1

Bidder

Weka, Inc.

Item No.	Item Description	Qty	Unit	Unit Price	Ext. Price
"Schedule A" - From STA 100+00 to STA 226+97, and Central Avenue					
-	Note: All items subject to any special notes or footnotes appearing on this Engineer's estimate included with the bid documents.	-	-	-	-
-	Note: The Contract lump sum or unit price for each Contract Bid Item shall include full compensation for all labor, materials, tools, taxes, profit, overhead, incidentals and appurtenant work necessary for performing and completing the work of the Contract Bid Item as required by the Project Plans, Specifications, Special Provisions and other Contract Documents. Such compensation shall also include or take into consideration any additional provisions or conditions specifically stated immediately following the Contract Bid Item.	-	-	-	-
-	Note: In the absence of a specific bid item or specific payment provisions for any portion of the work required by the Contract Documents, the bidder shall include the bidder's compensation for that portion of the Contract work in the Contract unit price(s) and/or lump sum price(s) of the bid item(s) that require such work, or are closely related to such work. Therefore, no separate or additional payment will be made to the Contractor for any such work on the premise that such work lacks specific bid item(s) or specific payment provisions.	-	-	-	-
1	Clearing and Grubbing including Mobilization/Demolition, Dust Control, Construction Water and Site Cleanup. BID PRICE FOR THIS ITEM SHALL NOT EXCEED 3 PERCENT OF THE TOTAL OF ALL BID ITEMS FOR BID SCHEDULE A, LESS THIS ITEM.	1	LS	\$65,707.00	\$65,707.00
2	Furnish 24-inch ID Recycled Water Pipe with Recycled Water Marking Tape. Bid one of the two alternatives listed below (ENTER A ZERO IN THE ALTERNATIVE NOT BIDDING ON): 0 0 0 0 A. Cement Mortar Lined and Coated Steel	-	-	-	-
	A. Cement Mortar Lined and Coated Steel Pipe (T=0.188" Min, Lining=0.500", Mortar Coating=1.000" Min) with purple poly wrap.	12,700	LF	\$0.00	\$0.00
	B. Ductile Iron Pipe (Pressure Class 200) with purple poly wrap.	12,700	LF	\$95.00	\$1,206,500.00
3	Install 24-inch ID Recycled Water Pipe Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	12,660	LF	\$136.00	\$1,721,760.00
4	Furnish and Install 36-inch ID Steel Casing (0.500" min wall thickness) including installing 24-inch Piping, Fittings, Spacers, Blown Sand, plans and permits, Complete per Plan at Crossing Over MWD Pipeline Near Magnolia and Monroe Intersection.	40	LF	\$500.00	\$20,000.00
5	Furnish 12-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings with Recycled Water Marking Tape and purple poly wrap.	70	LF	\$60.00	\$4,200.00
6	Install 12-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	70	LF	\$100.00	\$7,000.00
7	Furnish 12-inch Ductile Iron Potable Water Pipe (Pressure Class 350) and Fittings with poly wrap.	150	LF	\$50.00	\$7,500.00

8	Install 12-inch Ductile Iron Potable Water Pipe (Pressure Class 350) and Fittings Complete per Plan and CWD-040-1 and CWD-040-2.	150	LF	\$150.00	\$22,500.00
9	Furnish 8-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings with Recycled Water Marking Tape and purple poly wrap.	2,000	LF	\$24.00	\$48,000.00
10	Install 8-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	2,000	LF	\$90.00	\$180,000.00
11	Furnish 8-inch TR-FLEX Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings with purple poly wrap.	100	LF	\$28.00	\$2,800.00
12	Furnish and Install (Bore and Jack) of 16-inch ID Steel Casing (0.375" min wall thickness) including installing 8-inch Piping, Fittings, Spacers, Blown Sand, Excavate Bore and Receiving Pits including Shoring, plans and permits, and dewatering. Complete per Plan Under Union Pacific Railroad at Central Avenue.	100	LF	\$400.00	\$40,000.00
13	Furnish and Install Field Fabricated Fittings, including all material, labor, incidentals, for 24-inch ID Recycled Water Steel Pipe (T=0.188" Min.) for Field Fabrication of Bends or Offsets Where Necessary. (ALL BENDS AND OFFSETS FOR DUCTILE IRON PIPE SHALL BE INCLUDED IN BID ITEMS FOR FURNISH AND INSTALLATION OF PIPE AT NO ADDITIONAL COST. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM)	20	EA	\$0.00	\$0.00
14	Furnish and Install 2,110 Gallon Bladder Surge Tank Assembly, Including Tank Foundation and Anchorage Design, 12" Tank Outlet Pipe, Fittings and Appurtenances and Connection to Existing 36" Steel CML&C Pipe.	1	LS	\$131,498.00	\$131,498.00
15	Furnish and Install 4-inch Combination Air and Vacuum Valve per CWD-460RW.	10	EA	\$9,000.00	\$90,000.00
16	Furnish and Install 2-inch Combination Air and Vacuum Valve per CWD-451RW.	2	EA	\$4,000.00	\$8,000.00
17	Furnish and Install 4-inch Combination Air and Vacuum Valve With 6-inch Bypass per Detail "J" on Sheet 21.	3	EA	\$16,000.00	\$48,000.00
18	Furnish and Install 8-inch Blow-Off per CWD-410RW-B.	13	EA	\$10,500.00	\$136,500.00
19	Furnish and Install 8" Temporary Blow-off Assembly per CWD-414RW For Pressure Testing and Chlorination.	3	EA	\$6,000.00	\$18,000.00
20	Furnish and Install 2-inch Blow-Off (End of Pipe) per CWD-411RW-B.	1	EA	\$3,500.00	\$3,500.00
21	Furnish and Install Temporary 2-inch Blow-Off per CWD 412RW For Pressure Testing and Chlorination.	3	EA	\$3,000.00	\$9,000.00
22	Furnish and Install 8" Temporary Blow-off Assembly (Not Shown in Plan) per CWD-414RW For Pressure Testing and Chlorination.	8	EA	\$6,000.00	\$48,000.00
23	Furnish and Install Temporary 2-inch Blow-Off (Not Shown in Plan) per CWD 412RW For Pressure Testing and Chlorination.	2	EA	\$3,000.00	\$6,000.00
24	Furnish and Install 24-inch Butterfly Valve per CWD-510RW.	7	EA	\$18,300.00	\$128,100.00
25	Furnish and Install 24-inch Manway per CWD-350RW. (These Manways are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	8	EA	\$5,000.00	\$40,000.00
26	Furnish and Install Manhole per CWD-816RW (These Manholes are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	8	EA	\$6,000.00	\$48,000.00
27	Furnish and Install 8-inch Gate Valve per CWD-500RW.	4	EA	\$2,200.00	\$8,800.00
28	Furnish and Install 12-inch Gate Valve per CWD-500RW.	2	EA	\$3,600.00	\$7,200.00

29	Furnish and Install 12-inch Potable Water Gate Valve per CWD-500.	1	EA	\$4,000.00	\$4,000.00
30	Furnish and Install Temporary Water Sampler per CWD-432RW.	28	EA	\$1,800.00	\$50,400.00
31	Furnish and Install Flange Insulation and Test Lead per CWD-923. (THIS ITEM IS NOT REQUIRED FOR DUCTILE IRON PIPE. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	9	EA	\$3,000.00	\$27,000.00
32	Connect to Existing 24-inch Recycled Water Line on Van Buren by Cut-in, Furnish and Install a 24" X 24" Crotch Plate Tee.	1	EA	\$15,000.00	\$15,000.00
33	Connect to Existing 12-inch Recycled Water Line. Furnish and Install Connection per Detail B on Sheet 3.	1	EA	\$7,000.00	\$7,000.00
34	Furnish Materials for 36" Potable Water Connection and Complete Installation Per Detail D on Sheet 21.	1	EA	\$24,000.00	\$24,000.00
35	Furnish and Install 2-inch Diameter Recycled Water Service For 1-inch Diameter Meter on 24-inch Main per CWD-601RW.	2	EA	\$4,200.00	\$8,400.00
36	Furnish and Install 4-inch Diameter Recycled Water Service For 2-inch meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD-601RW.	5	EA	\$7,000.00	\$35,000.00
37	Furnish and Install 4-inch Diameter Recycled Water Service For 3-inch Meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD-620RW-1 & 2.	4	EA	\$24,000.00	\$96,000.00
38	Furnish and Install 6-inch Diameter Recycled Water Service For 6-inch Meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD-620RW-1 & 2.	1	EA	\$25,000.00	\$25,000.00
39	Furnish and Install 8-inch Diameter Recycled Water Service For 8-Inch Meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD620RW-1 & 2. Vault per CWD 801RW-1 & 2.	2	EA	\$31,000.00	\$62,000.00
40	Furnish and Install 24-inch Utility Conflict Offset (4 X 45 degree bends and Required Piping) Per "Typical Utility Crossing" Detail on Sheet 22. (These Offsets are for Unforeseen Utility Conflicts for the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	4	EA	\$7,000.00	\$28,000.00
41	Furnish and Install Potable to Recycled Water Emergency Connection Assembly, Including Piping, Pipe Appurtenances, Manholes, Concrete Pad, Ground Surface Restoration, Irrigation Repair and All Other Works as Shown per Plan.	1	EA	\$35,000.00	\$35,000.00
42	Furnish and Install 24-inch Buttstrap Per CWD-220RW.	4	EA	\$1,000.00	\$4,000.00
43	Bracing Excavation for Recycled Water and Water Lines.	15,400	LF	\$10.00	\$154,000.00
44	Pipe Pressure Testing (including water).	1	LS	\$14,980.00	\$14,980.00
45	Pipe Flushing (including water).	1	LS	\$14,980.00	\$14,980.00
46	Relocate Existing Sewer Lateral.	42	EA	\$1,200.00	\$50,400.00
47	Cut and Plug, and Remove and Dispose Abandoned 18-inch Irrigation Pipe and Manholes as Indicated per Plan.	1,200	LF	\$25.00	\$30,000.00
48	Cut and Plug, and Remove and Dispose Abandoned 20-inch Sewer Pipe and Manholes as Indicated per Plan.	850	LF	\$25.00	\$21,250.00
49	Cut and Plug, and Remove and Dispose Abandoned 18-inch Storm Drain as Indicated per Plan.	70	LF	\$25.00	\$1,750.00
50	Sewer Main Interior Inspection Video or other means to Identify Sewer Lateral Locations.	1	LS	\$35,000.00	\$35,000.00
51	Chlorination and Sanitary Samples (including water), dispose of Chlorinated Water.	1	LS	\$25,000.00	\$25,000.00
52	CML&C Steel Pipeline Interior Video Inspection. (INTERIOR VIDEO INSPECTION OF DUCTILE IRON PIPE IS NOT REQUIRED. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	1	LS	\$0.00	\$0.00
53	Furnish and Install Temporary Paving (3" Min.), including periodic maintenance necessary to sustain a smooth driving surface at all times.	15,400	LF	\$5.00	\$77,000.00

54	Furnish and Install Permanent Pavement, Including Full Structural Section, per City of Riverside, Public Works Department Std. Dwg. 453. Includes the Area of Work by City Forces. (See Street Improvement Plans for Structural Section).	15,400	LF	\$43.00	\$662,200.00
55	Trench Dewatering.	1	LS	\$3,500.00	\$3,500.00
56	Traffic Loop Replacement. The Entire Detector Loop System Shall be Replaced to the Pull box. It is assumed that the loop system at each signalized intersection will be replaced twice, once after base paving and once after final paving.	14	EA	\$4,600.00	\$64,400.00
57	Traffic Striping, for Base Paving and Final Paving.	1	LS	\$33,000.00	\$33,000.00
58	Bedrock Removal.	5,000	LF	\$1.00	\$5,000.00
59	Adjust Valve Can Lids to Sit Flush With the Finished Pavement Surface.	1	LS	\$3,000.00	\$3,000.00
60	Traffic Control for Recycled Water Improvement Items. Includes Traffic Control for Construction Staking by City Survey Crew.	1	LS	\$97,874.00	\$97,874.00
61	Furnish and Install Portable Changeable Message Sign.	6	EA	\$8,800.00	\$52,800.00
62	Storm Water Pollution Prevention Control Plan (SWPPP) and Best Management Practices (BMPs).	1	LS	\$5,000.00	\$5,000.00
				Bid Schedule A Total	\$5,828,499.00

"Schedule B" - From STA 226+97 to STA 252+40

-	Note: All items subject to any special notes or footnotes appearing on this Engineer's estimate included with the bid documents.	-	-	-	-
-	Note: The Contract lump sum or unit price for each Contract Bid Item shall include full compensation for all labor, materials, tools, taxes, profit, overhead, incidentals and appurtenant work necessary for performing and completing the work of the Contract Bid Item as required by the Project Plans, Specifications, Special Provisions and other Contract Documents. Such compensation shall also include or take into consideration any additional provisions or conditions specifically stated immediately following the Contract Bid Item.	-	-	-	-
-	Note: In the absence of a specific bid item or specific payment provisions for any portion of the work required by the Contract Documents, the bidder shall include the bidder's compensation for that portion of the Contract work in the Contract unit price(s) and/or lump sum price(s) of the bid item(s) that require such work, or are closely related to such work. Therefore, no separate or additional payment will be made to the Contractor for any such work on the premise that such work lacks specific bid item(s) or specific payment provisions.	-	-	-	-
63	Clearing and Grubbing including Mobilization/Demolition, Dust Control, Construction Water and Site Cleanup. BID PRICE FOR THIS ITEM SHALL NOT EXCEED 3 PERCENT OF THE TOTAL OF ALL BID ITEMS FOR BID SCHEDULE B, LESS THIS ITEM.	1	LS	\$40,529.00	\$40,529.00
64	Furnish 24-inch ID Recycled Water Pipe with Recycled Water Marking Tape. Bid one of the two alternatives listed below (ENTER A ZERO IN THE ALTERNATIVE NOT BIDDING ON):	-	-	-	-
	A. Cement Mortar Lined and Coated Steel Pipe (T=0.188" Min, Lining=0.500", Mortar Coating=1.000" Min) with purple poly wrap.	2,200	LF	\$0.00	\$0.00
	B. Ductile Iron Pipe (Pressure Class 200) with purple poly wrap.	2,200	LF	\$101.00	\$222,200.00
65	Install 24-inch ID Recycled Water Pipe Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	1,840	LF	\$235.00	\$432,400.00
66	Furnish and Install 36-inch ID Steel Casing (0.500" min wall thickness) including installing 24-inch Piping, Fittings, Spacers, Blown Sand, plans and permits, Complete per Plan at Crossings Under 91 Freeway, Under BNSF Railroad Bridge and Over Sewer Pipeline on Monroe Street.	360	LF	\$400.00	\$144,000.00

67	Furnish 24-inch TR-FLEX Ductile Iron Recycled Water Pipe (Pressure Class 200) and Fittings with purple poly wrap.	380	LF	\$190.00	\$72,200.00
68	Install 24-inch Ductile Iron TR-FLEX Recycled Water Pipe (Pressure Class 200) Through Abandoned 48-Inch "Techite" Pipe and Grout Annular Space Between The Two Pipes With CLSM Material.	380	LF	\$260.00	\$98,800.00
69	Furnish and Install Field Fabricated Fittings, including all material, labor, incidentals, for 24-inch ID Recycled Water Steel Pipe (T=0.188" Min.) for Field Fabrication of Bends or Offsets Where Necessary. (ALL BENDS AND OFFSETS FOR DUCTILE IRON PIPE SHALL BE INCLUDED IN BID ITEMS FOR FURNISH AND INSTALLATION OF PIPE WITH NO ADDITIONAL COMPENSATION. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM)	6	EA	\$0.00	\$0.00
70	Furnish and Install 4-inch Combination Air and Vacuum Valve per CWD-460RW.	2	EA	\$9,000.00	\$18,000.00
71	Furnish and Install 4-inch Combination Air and Vacuum Valve With 6-inch Bypass per Detail "J" on Sheet 21.	2	EA	\$16,000.00	\$32,000.00
72	Furnish and Install 8-inch Blow-Off (End of Pipe) per Detail "G", Sheet 21	1	EA	\$10,000.00	\$10,000.00
73	Furnish and Install 8-inch Blow-Off per CWD-410RW-B.	3	EA	\$10,500.00	\$31,500.00
74	Furnish and Install 8-Inch Temporary Blow-off per CWD-414RW For Pressure Testing and Disinfection.	1	EA	\$6,000.00	\$6,000.00
75	Furnish and Install 8-Inch Temporary Blow-off (Not Shown in Plan) per CWD-414RW For Pressure Testing and Disinfection.	6	EA	\$6,000.00	\$36,000.00
76	Furnish and Install 24-inch Butterfly Valve per CWD-510RW.	2	EA	\$17,300.00	\$34,600.00
77	Furnish and Install 24-inch Manway per CWD-350RW. (These Manways are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	1	EA	\$5,000.00	\$5,000.00
78	Furnish and Install Manhole per CWD-816RW (These Manholes are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	1	EA	\$6,000.00	\$6,000.00
79	Furnish and Install Temporary Water Sampler per CWD-432RW.	4	EA	\$2,200.00	\$8,800.00
80	Cut and Plug, and Remove and Dispose Abandoned 18-inch Irrigation Pipe and Manholes per Plan.	450	LF	\$20.00	\$9,000.00
81	Furnish and Install 24-inch Utility Conflict Offset (4 X 45 degree bends and Required Piping) Per "Typical Utility Crossing" Detail on Sheet 22. (These Offsets are for Unforeseen Utility Conflicts for the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	2	EA	\$7,000.00	\$14,000.00
82	Bracing Excavation for Recycled Water Lines.	2,400	LF	\$10.00	\$24,000.00
83	Pipe Pressure Testing (including water).	1	LS	\$2,580.00	\$2,580.00
84	Pipe Flushing (including water).	1	LS	\$2,580.00	\$2,580.00
85	Relocate Existing Sewer Lateral.	8	EA	\$1,400.00	\$11,200.00
86	Sewer Main Interior Inspection Video or other means to Identify Sewer Lateral Locations.	1	LS	\$7,500.00	\$7,500.00
87	Furnish and Install Flange Insulation and Test Lead per CWD-923. (THIS ITEM IS NOT REQUIRED FOR DUCTILE IRON PIPE. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	2	EA	\$3,000.00	\$6,000.00
88	CML&C Steel Pipeline Interior Video Inspection. (INTERIOR VIDEO INSPECTION OF DUCTILE IRON PIPE IS NOT REQUIRED. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	1	LS	\$0.00	\$0.00
89	Furnish and Install Temporary Paving (3" Min.), including periodic maintenance necessary to sustain a smooth driving surface at all times.	2,400	LF	\$5.00	\$12,000.00

90	Furnish and Install Permanent Pavement, Including Full Structural Section, per City of Riverside, Public Works Department Std. Dwg. 453. Includes the Area of Work by City Forces. (See Street Improvement Plans for Structural Section).	2,400	LF	\$50.00	\$120,000.00
91	Trench Dewatering.	1	LS	\$1,000.00	\$1,000.00
92	Adjust Valve Can Lids to Sit Flush With the Finished Pavement Surface.	1	LS	\$1,000.00	\$1,000.00
93	Traffic Control for Recycled Water Improvement Items, Includes Traffic Control for Construction Staking by City Survey Crew.	1	LS	\$30,400.00	\$30,400.00
94	Traffic Loop Replacement, including detector card. The Entire Detector Loop System Shall be Replaced to the Signal Panel. It is assumed that the loop system at each signalized intersection will be replaced twice, once after base paving and once after final paving.	2	EA	\$6,300.00	\$12,600.00
95	Traffic Striping.	1	LS	\$7,000.00	\$7,000.00
96	Furnish and Install Portable Changeable Message Sign.	2	EA	\$3,000.00	\$6,000.00
97	Storm Water Pollution Prevention Control Plan (SWPPP) and Best Management Practices (BMPs).	1	LS	\$2,500.00	\$2,500.00
				Bid Schedule B Total	\$1,467,389.00

"Schedule C" - Slurry Grout Abandoned 48" and 42" Techite Pipe

-	Note: All items subject to any special notes or footnotes appearing on this Engineer's estimate included with the bid documents.	-	-	-	-
-	Note: The Contract lump sum or unit price for each Contract Bid Item shall include full compensation for all labor, materials, tools, taxes, profit, overhead, incidentals and appurtenant work necessary for performing and completing the work of the Contract Bid Item as required by the Project Plans, Specifications, Special Provisions and other Contract Documents. Such compensation shall also include or take into consideration any additional provisions or conditions specifically stated immediately following the Contract Bid Item.	-	-	-	-
-	Note: In the absence of a specific bid item or specific payment provisions for any portion of the work required by the Contract Documents, the bidder shall include the bidder's compensation for that portion of the Contract work in the Contract unit price(s) and/or lump sum price(s) of the bid item(s) that require such work, or are closely related to such work. Therefore, no separate or additional payment will be made to the Contractor for any such work on the premise that such work lacks specific bid item(s) or specific payment provisions.	-	-	-	-
98	Clearing and Grubbing including Mobilization/Demolition, Dust Control, Construction Water and Site Cleanup. BID PRICE FOR THIS ITEM SHALL NOT EXCEED 3 PERCENT OF THE TOTAL OF ALL BID ITEMS FOR BID SCHEDULE C, LESS THIS ITEM.	1	LS	\$8,144.00	\$8,144.00
99	Pressure Grout Abandoned 48-inch and 42-inch Techite Pipe on Monroe Street from Lincoln Avenue to California Avenue.	8,300	LF	\$23.50	\$195,050.00
100	Excavate and Backfill Pit for Pipe Grouting.	12	EA	\$5,200.00	\$62,400.00
101	Furnish and Install Temporary Paving (3" Min.) for Each Excavated Pit, including periodic maintenance necessary to sustain a smooth driving surface at all times.	12	EA	\$200.00	\$2,400.00
102	Furnish and install 12-inch Class 2 Crushed Aggregate Base Material.	1	LS	\$4,500.00	\$4,500.00
103	Furnish and Install 7-Inches Thick Pavement For Each Excavated Pit, Including Full Structural Section, per City of Riverside, Public Works Department Std. Dwg. 453. Includes the Area of Work by City Forces. (See Street Improvement Plans for Structural Section).	12	EA	\$1,250.00	\$15,000.00
104	Trench Dewatering.	1	LS	\$500.00	\$500.00
105	Traffic Control, Includes Traffic Control for Construction Staking by City Survey Crew.	1	LS	\$36,000.00	\$36,000.00
106	Storm Water Pollution Prevention Control Plan (SWPPP) and Best Management Practices (BMPs).	1	LS	\$1,000.00	\$1,000.00

Bid Schedule C Total	\$324,994.00
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Subcontractor Information			
Subcontractor Name	Location	Portion	Amount
Cell-Crete Corporation	Monrovia, CA	Abandonment	\$151,049.24
All American Asphalt	Corona, CA	Mill & Overlay	\$316,872.00
Golden State Boring & Pipe Jacking	Chino, CA	Bore & Jack	\$20,000.00
Los Angeles Signal Construction Inc.	San Dimas, CA	Traffic Loops	\$67,804.00

BID RESULTS

City of Riverside
Finance Dept./Purchasing

Due Date	5/25/2016	Bid No.	RPU-7377
Before	3:30pm	Estimate	\$8,500,000.00

Bid Description

Jackson Street 24-Inch Recycled Water Pipeline Project Phase 1

Bidder

MNR Construction Inc.

Item No.	Item Description	Qty	Unit	Unit Price	Ext. Price
"Schedule A" - From STA 100+00 to STA 226+97, and Central Avenue					
-	Note: All items subject to any special notes or footnotes appearing on this Engineer's estimate included with the bid documents.	-	-	-	-
-	Note: The Contract lump sum or unit price for each Contract Bid Item shall include full compensation for all labor, materials, tools, taxes, profit, overhead, incidentals and appurtenant work necessary for performing and completing the work of the Contract Bid Item as required by the Project Plans, Specifications, Special Provisions and other Contract Documents. Such compensation shall also include or take into consideration any additional provisions or conditions specifically stated immediately following the Contract Bid Item.	-	-	-	-
-	Note: In the absence of a specific bid item or specific payment provisions for any portion of the work required by the Contract Documents, the bidder shall include the bidder's compensation for that portion of the Contract work in the Contract unit price(s) and/or lump sum price(s) of the bid item(s) that require such work, or are closely related to such work. Therefore, no separate or additional payment will be made to the Contractor for any such work on the premise that such work lacks specific bid item(s) or specific payment provisions.	-	-	-	-
1	Clearing and Grubbing including Mobilization/Demolition, Dust Control, Construction Water and Site Cleanup. BID PRICE FOR THIS ITEM SHALL NOT EXCEED 3 PERCENT OF THE TOTAL OF ALL BID ITEMS FOR BID SCHEDULE A, LESS THIS ITEM.	1	LS	\$170,000.00	\$170,000.00
2	Furnish 24-inch ID Recycled Water Pipe with Recycled Water Marking Tape. Bid one of the two alternatives listed below (ENTER A ZERO IN THE ALTERNATIVE NOT BIDDING ON): 0 0 0 0 A. Cement Mortar Lined and Coated Steel	-	-	-	-
	A. Cement Mortar Lined and Coated Steel Pipe (T=0.188" Min, Lining=0.500", Mortar Coating=1.000" Min) with purple poly wrap.	12,700	LF	\$0.00	\$0.00
	B. Ductile Iron Pipe (Pressure Class 200) with purple poly wrap.	12,700	LF	\$55.00	\$698,500.00
3	Install 24-inch ID Recycled Water Pipe Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	12,660	LF	\$165.00	\$2,088,900.00
4	Furnish and Install 36-inch ID Steel Casing (0.500" min wall thickness) including installing 24-inch Piping, Fittings, Spacers, Blown Sand, plans and permits, Complete per Plan at Crossing Over MWD Pipeline Near Magnolia and Monroe Intersection.	40	LF	\$580.00	\$23,200.00
5	Furnish 12-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings with Recycled Water Marking Tape and purple poly wrap.	70	LF	\$70.00	\$4,900.00
6	Install 12-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	70	LF	\$120.00	\$8,400.00
7	Furnish 12-inch Ductile Iron Potable Water Pipe (Pressure Class 350) and Fittings with poly wrap.	150	LF	\$65.00	\$9,750.00

8	Install 12-inch Ductile Iron Potable Water Pipe (Pressure Class 350) and Fittings Complete per Plan and CWD-040-1 and CWD-040-2.	150	LF	\$115.00	\$17,250.00
9	Furnish 8-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings with Recycled Water Marking Tape and purple poly wrap.	2,000	LF	\$24.00	\$48,000.00
10	Install 8-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	2,000	LF	\$85.00	\$170,000.00
11	Furnish 8-inch TR-FLEX Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings with purple poly wrap.	100	LF	\$33.00	\$3,300.00
12	Furnish and Install (Bore and Jack) of 16-inch ID Steel Casing (0.375" min wall thickness) including installing 8-inch Piping, Fittings, Spacers, Blown Sand, Excavate Bore and Receiving Pits including Shoring, plans and permits, and dewatering. Complete per Plan Under Union Pacific Railroad at Central Avenue.	100	LF	\$470.00	\$47,000.00
13	Furnish and Install Field Fabricated Fittings, including all material, labor, incidentals, for 24-inch ID Recycled Water Steel Pipe (T=0.188" Min.) for Field Fabrication of Bends or Offsets Where Necessary. (ALL BENDS AND OFFSETS FOR DUCTILE IRON PIPE SHALL BE INCLUDED IN BID ITEMS FOR FURNISH AND INSTALLATION OF PIPE AT NO ADDITIONAL COST. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM)	20	EA	\$0.00	\$0.00
14	Furnish and Install 2,110 Gallon Bladder Surge Tank Assembly, Including Tank Foundation and Anchorage Design, 12" Tank Outlet Pipe, Fittings and Appurtenances and Connection to Existing 36" Steel CML&C Pipe.	1	LS	\$103,000.00	\$103,000.00
15	Furnish and Install 4-inch Combination Air and Vacuum Valve per CWD-460RW.	10	EA	\$9,700.00	\$97,000.00
16	Furnish and Install 2-inch Combination Air and Vacuum Valve per CWD-451RW.	2	EA	\$6,900.00	\$13,800.00
17	Furnish and Install 4-inch Combination Air and Vacuum Valve With 6-inch Bypass per Detail "J" on Sheet 21.	3	EA	\$14,400.00	\$43,200.00
18	Furnish and Install 8-inch Blow-Off per CWD-410RW-B.	13	EA	\$12,300.00	\$159,900.00
19	Furnish and Install 8" Temporary Blow-off Assembly per CWD-414RW For Pressure Testing and Chlorination.	3	EA	\$10,400.00	\$31,200.00
20	Furnish and Install 2-inch Blow-Off (End of Pipe) per CWD-411RW-B.	1	EA	\$4,900.00	\$4,900.00
21	Furnish and Install Temporary 2-inch Blow-Off per CWD 412RW For Pressure Testing and Chlorination.	3	EA	\$4,200.00	\$12,600.00
22	Furnish and Install 8" Temporary Blow-off Assembly (Not Shown in Plan) per CWD-414RW For Pressure Testing and Chlorination.	8	EA	\$10,400.00	\$83,200.00
23	Furnish and Install Temporary 2-inch Blow-Off (Not Shown in Plan) per CWD 412RW For Pressure Testing and Chlorination.	2	EA	\$4,200.00	\$8,400.00
24	Furnish and Install 24-inch Butterfly Valve per CWD-510RW.	7	EA	\$16,900.00	\$118,300.00
25	Furnish and Install 24-inch Manway per CWD-350RW. (These Manways are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	8	EA	\$7,800.00	\$62,400.00
26	Furnish and Install Manhole per CWD-816RW (These Manholes are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	8	EA	\$5,200.00	\$41,600.00
27	Furnish and Install 8-inch Gate Valve per CWD-500RW.	4	EA	\$2,700.00	\$10,800.00
28	Furnish and Install 12-inch Gate Valve per CWD-500RW.	2	EA	\$4,300.00	\$8,600.00

29	Furnish and Install 12-inch Potable Water Gate Valve per CWD-500.	1	EA	\$4,400.00	\$4,400.00
30	Furnish and Install Temporary Water Sampler per CWD-432RW.	28	EA	\$3,900.00	\$109,200.00
31	Furnish and Install Flange Insulation and Test Lead per CWD-923. (THIS ITEM IS NOT REQUIRED FOR DUCTILE IRON PIPE. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	9	EA	\$0.00	\$0.00
32	Connect to Existing 24-inch Recycled Water Line on Van Buren by Cut-in, Furnish and Install a 24" X 24" Crotch Plate Tee.	1	EA	\$18,300.00	\$18,300.00
33	Connect to Existing 12-inch Recycled Water Line. Furnish and Install Connection per Detail B on Sheet 3.	1	EA	\$7,700.00	\$7,700.00
34	Furnish Materials for 36" Potable Water Connection and Complete Installation Per Detail D on Sheet 21.	1	EA	\$14,900.00	\$14,900.00
35	Furnish and Install 2-inch Diameter Recycled Water Service For 1-inch Diameter Meter on 24-inch Main per CWD-601RW.	2	EA	\$4,400.00	\$8,800.00
36	Furnish and Install 4-inch Diameter Recycled Water Service For 2-inch meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD-601RW.	5	EA	\$7,300.00	\$36,500.00
37	Furnish and Install 4-inch Diameter Recycled Water Service For 3-inch Meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD-620RW-1 & 2.	4	EA	\$19,950.00	\$79,800.00
38	Furnish and Install 6-inch Diameter Recycled Water Service For 6-inch Meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD-620RW-1 & 2.	1	EA	\$27,800.00	\$27,800.00
39	Furnish and Install 8-inch Diameter Recycled Water Service For 8-Inch Meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD620RW-1 & 2. Vault per CWD 801RW-1 & 2.	2	EA	\$38,700.00	\$77,400.00
40	Furnish and Install 24-inch Utility Conflict Offset (4 X 45 degree bends and Required Piping) Per "Typical Utility Crossing" Detail on Sheet 22. (These Offsets are for Unforeseen Utility Conflicts for the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	4	EA	\$16,900.00	\$67,600.00
41	Furnish and Install Potable to Recycled Water Emergency Connection Assembly, Including Piping, Pipe Appurtenances, Manholes, Concrete Pad, Ground Surface Restoration, Irrigation Repair and All Other Works as Shown per Plan.	1	EA	\$34,350.00	\$34,350.00
42	Furnish and Install 24-inch Buttstrap Per CWD-220RW.	4	EA	\$4,400.00	\$17,600.00
43	Bracing Excavation for Recycled Water and Water Lines.	15,400	LF	\$3.50	\$53,900.00
44	Pipe Pressure Testing (including water).	1	LS	\$17,000.00	\$17,000.00
45	Pipe Flushing (including water).	1	LS	\$25,500.00	\$25,500.00
46	Relocate Existing Sewer Lateral.	42	EA	\$5,700.00	\$239,400.00
47	Cut and Plug, and Remove and Dispose Abandoned 18-inch Irrigation Pipe and Manholes as Indicated per Plan.	1,200	LF	\$18.00	\$21,600.00
48	Cut and Plug, and Remove and Dispose Abandoned 20-inch Sewer Pipe and Manholes as Indicated per Plan.	850	LF	\$32.00	\$27,200.00
49	Cut and Plug, and Remove and Dispose Abandoned 18-inch Storm Drain as Indicated per Plan.	70	LF	\$30.00	\$2,100.00
50	Sewer Main Interior Inspection Video or other means to Identify Sewer Lateral Locations.	1	LS	\$8,700.00	\$8,700.00
51	Chlorination and Sanitary Samples (including water), dispose of Chlorinated Water.	1	LS	\$18,300.00	\$18,300.00
52	CML&C Steel Pipeline Interior Video Inspection. (INTERIOR VIDEO INSPECTION OF DUCTILE IRON PIPE IS NOT REQUIRED. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	1	LS	\$0.00	\$0.00
53	Furnish and Install Temporary Paving (3" Min.), including periodic maintenance necessary to sustain a smooth driving surface at all times.	15,400	LF	\$8.00	\$123,200.00

54	Furnish and Install Permanent Pavement, Including Full Structural Section, per City of Riverside, Public Works Department Std. Dwg. 453. Includes the Area of Work by City Forces. (See Street Improvement Plans for Structural Section).	15,400	LF	\$33.00	\$508,200.00
55	Trench Dewatering.	1	LS	\$210,000.00	\$210,000.00
56	Traffic Loop Replacement. The Entire Detector Loop System Shall be Replaced to the Pull box. It is assumed that the loop system at each signalized intersection will be replaced twice, once after base paving and once after final paving.	14	EA	\$1,400.00	\$19,600.00
57	Traffic Striping, for Base Paving and Final Paving.	1	LS	\$24,500.00	\$24,500.00
58	Bedrock Removal.	5,000	LF	\$10.00	\$50,000.00
59	Adjust Valve Can Lids to Sit Flush With the Finished Pavement Surface.	1	LS	\$23,000.00	\$23,000.00
60	Traffic Control for Recycled Water Improvement Items. Includes Traffic Control for Construction Staking by City Survey Crew.	1	LS	\$34,000.00	\$34,000.00
61	Furnish and Install Portable Changeable Message Sign.	6	EA	\$2,000.00	\$12,000.00
62	Storm Water Pollution Prevention Control Plan (SWPPP) and Best Management Practices (BMPs).	1	LS	\$27,000.00	\$27,000.00
				Bid Schedule A Total	\$6,037,650.00

"Schedule B" - From STA 226+97 to STA 252+40

-	Note: All items subject to any special notes or footnotes appearing on this Engineer's estimate included with the bid documents.	-	-	-	-
-	Note: The Contract lump sum or unit price for each Contract Bid Item shall include full compensation for all labor, materials, tools, taxes, profit, overhead, incidentals and appurtenant work necessary for performing and completing the work of the Contract Bid Item as required by the Project Plans, Specifications, Special Provisions and other Contract Documents. Such compensation shall also include or take into consideration any additional provisions or conditions specifically stated immediately following the Contract Bid Item.	-	-	-	-
-	Note: In the absence of a specific bid item or specific payment provisions for any portion of the work required by the Contract Documents, the bidder shall include the bidder's compensation for that portion of the Contract work in the Contract unit price(s) and/or lump sum price(s) of the bid item(s) that require such work, or are closely related to such work. Therefore, no separate or additional payment will be made to the Contractor for any such work on the premise that such work lacks specific bid item(s) or specific payment provisions.	-	-	-	-
63	Clearing and Grubbing including Mobilization/Demolition, Dust Control, Construction Water and Site Cleanup. BID PRICE FOR THIS ITEM SHALL NOT EXCEED 3 PERCENT OF THE TOTAL OF ALL BID ITEMS FOR BID SCHEDULE B, LESS THIS ITEM.	1	LS	\$44,000.00	\$44,000.00
64	Furnish 24-inch ID Recycled Water Pipe with Recycled Water Marking Tape. Bid one of the two alternatives listed below (ENTER A ZERO IN THE ALTERNATIVE NOT BIDDING ON):	-	-	-	-
	A. Cement Mortar Lined and Coated Steel Pipe (T=0.188" Min, Lining=0.500", Mortar Coating=1.000" Min) with purple poly wrap.	2,200	LF	\$0.00	\$0.00
	B. Ductile Iron Pipe (Pressure Class 200) with purple poly wrap.	2,200	LF	\$55.00	\$121,000.00
65	Install 24-inch ID Recycled Water Pipe Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	1,840	LF	\$165.00	\$303,600.00
66	Furnish and Install 36-inch ID Steel Casing (0.500" min wall thickness) including installing 24-inch Piping, Fittings, Spacers, Blown Sand, plans and permits, Complete per Plan at Crossings Under 91 Freeway, Under BNSF Railroad Bridge and Over Sewer Pipeline on Monroe Street.	360	LF	\$780.00	\$280,800.00

67	Furnish 24-inch TR-FLEX Ductile Iron Recycled Water Pipe (Pressure Class 200) and Fittings with purple poly wrap.	380	LF	\$140.00	\$53,200.00
68	Install 24-inch Ductile Iron TR-FLEX Recycled Water Pipe (Pressure Class 200) Through Abandoned 48-Inch "Techite" Pipe and Grout Annular Space Between The Two Pipes With CLSM Material.	380	LF	\$540.00	\$205,200.00
69	Furnish and Install Field Fabricated Fittings, including all material, labor, incidentals, for 24-inch ID Recycled Water Steel Pipe (T=0.188" Min.) for Field Fabrication of Bends or Offsets Where Necessary. (ALL BENDS AND OFFSETS FOR DUCTILE IRON PIPE SHALL BE INCLUDED IN BID ITEMS FOR FURNISH AND INSTALLATION OF PIPE WITH NO ADDITIONAL COMPENSATION. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM)	6	EA	\$0.00	\$0.00
70	Furnish and Install 4-inch Combination Air and Vacuum Valve per CWD-460RW.	2	EA	\$9,300.00	\$18,600.00
71	Furnish and Install 4-inch Combination Air and Vacuum Valve With 6-inch Bypass per Detail "J" on Sheet 21.	2	EA	\$14,200.00	\$28,400.00
72	Furnish and Install 8-inch Blow-Off (End of Pipe) per Detail "G", Sheet 21	1	EA	\$9,400.00	\$9,400.00
73	Furnish and Install 8-inch Blow-Off per CWD-410RW-B.	3	EA	\$12,300.00	\$36,900.00
74	Furnish and Install 8-Inch Temporary Blow-off per CWD-414RW For Pressure Testing and Disinfection.	1	EA	\$11,100.00	\$11,100.00
75	Furnish and Install 8-Inch Temporary Blow-off (Not Shown in Plan) per CWD-414RW For Pressure Testing and Disinfection.	6	EA	\$10,700.00	\$64,200.00
76	Furnish and Install 24-inch Butterfly Valve per CWD-510RW.	2	EA	\$16,900.00	\$33,800.00
77	Furnish and Install 24-inch Manway per CWD-350RW. (These Manways are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	1	EA	\$7,800.00	\$7,800.00
78	Furnish and Install Manhole per CWD-816RW (These Manholes are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	1	EA	\$5,200.00	\$5,200.00
79	Furnish and Install Temporary Water Sampler per CWD-432RW.	4	EA	\$3,900.00	\$15,600.00
80	Cut and Plug, and Remove and Dispose Abandoned 18-inch Irrigation Pipe and Manholes per Plan.	450	LF	\$30.00	\$13,500.00
81	Furnish and Install 24-inch Utility Conflict Offset (4 X 45 degree bends and Required Piping) Per "Typical Utility Crossing" Detail on Sheet 22. (These Offsets are for Unforeseen Utility Conflicts for the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	2	EA	\$17,350.00	\$34,700.00
82	Bracing Excavation for Recycled Water Lines.	2,400	LF	\$4.00	\$9,600.00
83	Pipe Pressure Testing (including water).	1	LS	\$4,500.00	\$4,500.00
84	Pipe Flushing (including water).	1	LS	\$5,700.00	\$5,700.00
85	Relocate Existing Sewer Lateral.	8	EA	\$4,900.00	\$39,200.00
86	Sewer Main Interior Inspection Video or other means to Identify Sewer Lateral Locations.	1	LS	\$2,300.00	\$2,300.00
87	Furnish and Install Flange Insulation and Test Lead per CWD-923. (THIS ITEM IS NOT REQUIRED FOR DUCTILE IRON PIPE. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	2	EA	\$0.00	\$0.00
88	CML&C Steel Pipeline Interior Video Inspection. (INTERIOR VIDEO INSPECTION OF DUCTILE IRON PIPE IS NOT REQUIRED. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	1	LS	\$0.00	\$0.00
89	Furnish and Install Temporary Paving (3" Min.), including periodic maintenance necessary to sustain a smooth driving surface at all times.	2,400	LF	\$8.00	\$19,200.00

90	Furnish and Install Permanent Pavement, Including Full Structural Section, per City of Riverside, Public Works Department Std. Dwg. 453. Includes the Area of Work by City Forces. (See Street Improvement Plans for Structural Section).	2,400	LF	\$35.00	\$84,000.00
91	Trench Dewatering.	1	LS	\$37,000.00	\$37,000.00
92	Adjust Valve Can Lids to Sit Flush With the Finished Pavement Surface.	1	LS	\$7,800.00	\$7,800.00
93	Traffic Control for Recycled Water Improvement Items, Includes Traffic Control for Construction Staking by City Survey Crew.	1	LS	\$12,000.00	\$12,000.00
94	Traffic Loop Replacement, including detector card. The Entire Detector Loop System Shall be Replaced to the Signal Panel. It is assumed that the loop system at each signalized intersection will be replaced twice, once after base paving and once after final paving.	2	EA	\$1,400.00	\$2,800.00
95	Traffic Striping.	1	LS	\$6,700.00	\$6,700.00
96	Furnish and Install Portable Changeable Message Sign.	2	EA	\$2,000.00	\$4,000.00
97	Storm Water Pollution Prevention Control Plan (SWPPP) and Best Management Practices (BMPs).	1	LS	\$7,900.00	\$7,900.00
				Bid Schedule B Total	\$1,529,700.00

"Schedule C" - Slurry Grout Abandoned 48" and 42" Techite Pipe

-	Note: All items subject to any special notes or footnotes appearing on this Engineer's estimate included with the bid documents.	-	-	-	-
-	Note: The Contract lump sum or unit price for each Contract Bid Item shall include full compensation for all labor, materials, tools, taxes, profit, overhead, incidentals and appurtenant work necessary for performing and completing the work of the Contract Bid Item as required by the Project Plans, Specifications, Special Provisions and other Contract Documents. Such compensation shall also include or take into consideration any additional provisions or conditions specifically stated immediately following the Contract Bid Item.	-	-	-	-
-	Note: In the absence of a specific bid item or specific payment provisions for any portion of the work required by the Contract Documents, the bidder shall include the bidder's compensation for that portion of the Contract work in the Contract unit price(s) and/or lump sum price(s) of the bid item(s) that require such work, or are closely related to such work. Therefore, no separate or additional payment will be made to the Contractor for any such work on the premise that such work lacks specific bid item(s) or specific payment provisions.	-	-	-	-
98	Clearing and Grubbing including Mobilization/Demolition, Dust Control, Construction Water and Site Cleanup. BID PRICE FOR THIS ITEM SHALL NOT EXCEED 3 PERCENT OF THE TOTAL OF ALL BID ITEMS FOR BID SCHEDULE C, LESS THIS ITEM.	1	LS	\$15,000.00	\$15,000.00
99	Pressure Grout Abandoned 48-inch and 42-inch Techite Pipe on Monroe Street from Lincoln Avenue to California Avenue.	8,300	LF	\$48.00	\$398,400.00
100	Excavate and Backfill Pit for Pipe Grouting.	12	EA	\$5,000.00	\$60,000.00
101	Furnish and Install Temporary Paving (3" Min.) for Each Excavated Pit, including periodic maintenance necessary to sustain a smooth driving surface at all times.	12	EA	\$500.00	\$6,000.00
102	Furnish and install 12-inch Class 2 Crushed Aggregate Base Material.	1	LS	\$4,800.00	\$4,800.00
103	Furnish and Install 7-Inches Thick Pavement For Each Excavated Pit, Including Full Structural Section, per City of Riverside, Public Works Department Std. Dwg. 453. Includes the Area of Work by City Forces. (See Street Improvement Plans for Structural Section).	12	EA	\$1,800.00	\$21,600.00
104	Trench Dewatering.	1	LS	\$12,000.00	\$12,000.00
105	Traffic Control, Includes Traffic Control for Construction Staking by City Survey Crew.	1	LS	\$7,000.00	\$7,000.00
106	Storm Water Pollution Prevention Control Plan (SWPPP) and Best Management Practices (BMPs).	1	LS	\$3,300.00	\$3,300.00

Bid Schedule C Total	\$528,100.00
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Subcontractor Information			
Subcontractor Name	Location	Portion	Amount
All American Asphalt	Corona, CA	Grind and Cap	\$306,640.00
Olson Precast	Rialto, CA	Manholes	\$64,900.00
Golden State Boring & Pipe Jacking, Inc.	Chino, CA	Jack & Bore	\$24,000.00
Pacific International Grout Co.	Bellingham, WA	Pressure Grouting	\$398,400.00
Los Angeles Signal Construction	San Dimas, CA	Traffic Loops	\$22,400.00

BID RESULTS

City of Riverside
Finance Dept./Purchasing

Due Date	5/25/2016	Bid No.	RPU-7377
Before	3:30pm	Estimate	\$8,500,000.00

Bid Description

Jackson Street 24-Inch Recycled Water Pipeline Project Phase 1

Bidder

Gwinco Construction & Engineering, Inc.

Item No.	Item Description	Qty	Unit	Unit Price	Ext. Price
"Schedule A" - From STA 100+00 to STA 226+97, and Central Avenue					
-	Note: All items subject to any special notes or footnotes appearing on this Engineer's estimate included with the bid documents.	-	-	-	-
-	Note: The Contract lump sum or unit price for each Contract Bid Item shall include full compensation for all labor, materials, tools, taxes, profit, overhead, incidentals and appurtenant work necessary for performing and completing the work of the Contract Bid Item as required by the Project Plans, Specifications, Special Provisions and other Contract Documents. Such compensation shall also include or take into consideration any additional provisions or conditions specifically stated immediately following the Contract Bid Item.	-	-	-	-
-	Note: In the absence of a specific bid item or specific payment provisions for any portion of the work required by the Contract Documents, the bidder shall include the bidder's compensation for that portion of the Contract work in the Contract unit price(s) and/or lump sum price(s) of the bid item(s) that require such work, or are closely related to such work. Therefore, no separate or additional payment will be made to the Contractor for any such work on the premise that such work lacks specific bid item(s) or specific payment provisions.	-	-	-	-
1	Clearing and Grubbing including Mobilization/Demolition, Dust Control, Construction Water and Site Cleanup. BID PRICE FOR THIS ITEM SHALL NOT EXCEED 3 PERCENT OF THE TOTAL OF ALL BID ITEMS FOR BID SCHEDULE A, LESS THIS ITEM.	1	LS	\$100,000.00	\$100,000.00
2	Furnish 24-inch ID Recycled Water Pipe with Recycled Water Marking Tape. Bid one of the two alternatives listed below (ENTER A ZERO IN THE ALTERNATIVE NOT BIDDING ON): 0 0 0 0 A. Cement Mortar Lined and Coated Steel	-	-	-	-
	A. Cement Mortar Lined and Coated Steel Pipe (T=0.188" Min, Lining=0.500", Mortar Coating=1.000" Min) with purple poly wrap.	12,700	LF	\$0.00	\$0.00
	B. Ductile Iron Pipe (Pressure Class 200) with purple poly wrap.	12,700	LF	\$90.00	\$1,143,000.00
3	Install 24-inch ID Recycled Water Pipe Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	12,660	LF	\$117.00	\$1,481,220.00
4	Furnish and Install 36-inch ID Steel Casing (0.500" min wall thickness) including installing 24-inch Piping, Fittings, Spacers, Blown Sand, plans and permits, Complete per Plan at Crossing Over MWD Pipeline Near Magnolia and Monroe Intersection.	40	LF	\$500.00	\$20,000.00
5	Furnish 12-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings with Recycled Water Marking Tape and purple poly wrap.	70	LF	\$54.00	\$3,780.00
6	Install 12-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	70	LF	\$240.00	\$16,800.00
7	Furnish 12-inch Ductile Iron Potable Water Pipe (Pressure Class 350) and Fittings with poly wrap.	150	LF	\$40.00	\$6,000.00

8	Install 12-inch Ductile Iron Potable Water Pipe (Pressure Class 350) and Fittings Complete per Plan and CWD-040-1 and CWD-040-2.	150	LF	\$170.00	\$25,500.00
9	Furnish 8-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings with Recycled Water Marking Tape and purple poly wrap.	2,000	LF	\$25.00	\$50,000.00
10	Install 8-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	2,000	LF	\$118.00	\$236,000.00
11	Furnish 8-inch TR-FLEX Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings with purple poly wrap.	100	LF	\$36.00	\$3,600.00
12	Furnish and Install (Bore and Jack) of 16-inch ID Steel Casing (0.375" min wall thickness) including installing 8-inch Piping, Fittings, Spacers, Blown Sand, Excavate Bore and Receiving Pits including Shoring, plans and permits, and dewatering. Complete per Plan Under Union Pacific Railroad at Central Avenue.	100	LF	\$706.00	\$70,600.00
13	Furnish and Install Field Fabricated Fittings, including all material, labor, incidentals, for 24-inch ID Recycled Water Steel Pipe (T=0.188" Min.) for Field Fabrication of Bends or Offsets Where Necessary. (ALL BENDS AND OFFSETS FOR DUCTILE IRON PIPE SHALL BE INCLUDED IN BID ITEMS FOR FURNISH AND INSTALLATION OF PIPE AT NO ADDITIONAL COST. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM)	20	EA	\$0.00	\$0.00
14	Furnish and Install 2,110 Gallon Bladder Surge Tank Assembly, Including Tank Foundation and Anchorage Design, 12" Tank Outlet Pipe, Fittings and Appurtenances and Connection to Existing 36" Steel CML&C Pipe.	1	LS	\$104,000.00	\$104,000.00
15	Furnish and Install 4-inch Combination Air and Vacuum Valve per CWD-460RW.	10	EA	\$21,100.00	\$211,000.00
16	Furnish and Install 2-inch Combination Air and Vacuum Valve per CWD-451RW.	2	EA	\$4,100.00	\$8,200.00
17	Furnish and Install 4-inch Combination Air and Vacuum Valve With 6-inch Bypass per Detail "J" on Sheet 21.	3	EA	\$27,200.00	\$81,600.00
18	Furnish and Install 8-inch Blow-Off per CWD-410RW-B.	13	EA	\$22,600.00	\$293,800.00
19	Furnish and Install 8" Temporary Blow-off Assembly per CWD-414RW For Pressure Testing and Chlorination.	3	EA	\$8,800.00	\$26,400.00
20	Furnish and Install 2-inch Blow-Off (End of Pipe) per CWD-411RW-B.	1	EA	\$3,100.00	\$3,100.00
21	Furnish and Install Temporary 2-inch Blow-Off per CWD 412RW For Pressure Testing and Chlorination.	3	EA	\$1,900.00	\$5,700.00
22	Furnish and Install 8" Temporary Blow-off Assembly (Not Shown in Plan) per CWD-414RW For Pressure Testing and Chlorination.	8	EA	\$7,900.00	\$63,200.00
23	Furnish and Install Temporary 2-inch Blow-Off (Not Shown in Plan) per CWD 412RW For Pressure Testing and Chlorination.	2	EA	\$1,700.00	\$3,400.00
24	Furnish and Install 24-inch Butterfly Valve per CWD-510RW.	7	EA	\$9,500.00	\$66,500.00
25	Furnish and Install 24-inch Manway per CWD-350RW. (These Manways are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	8	EA	\$5,400.00	\$43,200.00
26	Furnish and Install Manhole per CWD-816RW (These Manholes are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	8	EA	\$8,000.00	\$64,000.00
27	Furnish and Install 8-inch Gate Valve per CWD-500RW.	4	EA	\$1,500.00	\$6,000.00
28	Furnish and Install 12-inch Gate Valve per CWD-500RW.	2	EA	\$2,800.00	\$5,600.00

29	Furnish and Install 12-inch Potable Water Gate Valve per CWD-500.	1	EA	\$3,000.00	\$3,000.00
30	Furnish and Install Temporary Water Sampler per CWD-432RW.	28	EA	\$1,000.00	\$28,000.00
31	Furnish and Install Flange Insulation and Test Lead per CWD-923. (THIS ITEM IS NOT REQUIRED FOR DUCTILE IRON PIPE. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	9	EA	\$0.00	\$0.00
32	Connect to Existing 24-inch Recycled Water Line on Van Buren by Cut-in, Furnish and Install a 24" X 24" Crotch Plate Tee.	1	EA	\$32,500.00	\$32,500.00
33	Connect to Existing 12-inch Recycled Water Line. Furnish and Install Connection per Detail B on Sheet 3.	1	EA	\$22,500.00	\$22,500.00
34	Furnish Materials for 36" Potable Water Connection and Complete Installation Per Detail D on Sheet 21.	1	EA	\$10,000.00	\$10,000.00
35	Furnish and Install 2-inch Diameter Recycled Water Service For 1-inch Diameter Meter on 24-inch Main per CWD-601RW.	2	EA	\$7,400.00	\$14,800.00
36	Furnish and Install 4-inch Diameter Recycled Water Service For 2-inch meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD-601RW.	5	EA	\$13,300.00	\$66,500.00
37	Furnish and Install 4-inch Diameter Recycled Water Service For 3-inch Meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD-620RW-1 & 2.	4	EA	\$27,400.00	\$109,600.00
38	Furnish and Install 6-inch Diameter Recycled Water Service For 6-inch Meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD-620RW-1 & 2.	1	EA	\$28,000.00	\$28,000.00
39	Furnish and Install 8-inch Diameter Recycled Water Service For 8-Inch Meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD620RW-1 & 2. Vault per CWD 801RW-1 & 2.	2	EA	\$35,400.00	\$70,800.00
40	Furnish and Install 24-inch Utility Conflict Offset (4 X 45 degree bends and Required Piping) Per "Typical Utility Crossing" Detail on Sheet 22. (These Offsets are for Unforeseen Utility Conflicts for the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	4	EA	\$6,000.00	\$24,000.00
41	Furnish and Install Potable to Recycled Water Emergency Connection Assembly, Including Piping, Pipe Appurtenances, Manholes, Concrete Pad, Ground Surface Restoration, Irrigation Repair and All Other Works as Shown per Plan.	1	EA	\$20,000.00	\$20,000.00
42	Furnish and Install 24-inch Buttstrap Per CWD-220RW.	4	EA	\$250.00	\$1,000.00
43	Bracing Excavation for Recycled Water and Water Lines.	15,400	LF	\$2.50	\$38,500.00
44	Pipe Pressure Testing (including water).	1	LS	\$7,800.00	\$7,800.00
45	Pipe Flushing (including water).	1	LS	\$9,000.00	\$9,000.00
46	Relocate Existing Sewer Lateral.	42	EA	\$1,000.00	\$42,000.00
47	Cut and Plug, and Remove and Dispose Abandoned 18-inch Irrigation Pipe and Manholes as Indicated per Plan.	1,200	LF	\$5.80	\$6,960.00
48	Cut and Plug, and Remove and Dispose Abandoned 20-inch Sewer Pipe and Manholes as Indicated per Plan.	850	LF	\$10.00	\$8,500.00
49	Cut and Plug, and Remove and Dispose Abandoned 18-inch Storm Drain as Indicated per Plan.	70	LF	\$12.00	\$840.00
50	Sewer Main Interior Inspection Video or other means to Identify Sewer Lateral Locations.	1	LS	\$11,200.00	\$11,200.00
51	Chlorination and Sanitary Samples (including water), dispose of Chlorinated Water.	1	LS	\$10,000.00	\$10,000.00
52	CML&C Steel Pipeline Interior Video Inspection. (INTERIOR VIDEO INSPECTION OF DUCTILE IRON PIPE IS NOT REQUIRED. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	1	LS	\$0.00	\$0.00
53	Furnish and Install Temporary Paving (3" Min.), including periodic maintenance necessary to sustain a smooth driving surface at all times.	15,400	LF	\$4.50	\$69,300.00

54	Furnish and Install Permanent Pavement, Including Full Structural Section, per City of Riverside, Public Works Department Std. Dwg. 453. Includes the Area of Work by City Forces. (See Street Improvement Plans for Structural Section).	15,400	LF	\$75.00	\$1,155,000.00
55	Trench Dewatering.	1	LS	\$45,000.00	\$45,000.00
56	Traffic Loop Replacement. The Entire Detector Loop System Shall be Replaced to the Pull box. It is assumed that the loop system at each signalized intersection will be replaced twice, once after base paving and once after final paving.	14	EA	\$2,200.00	\$30,800.00
57	Traffic Striping, for Base Paving and Final Paving.	1	LS	\$28,000.00	\$28,000.00
58	Bedrock Removal.	5,000	LF	\$0.50	\$2,500.00
59	Adjust Valve Can Lids to Sit Flush With the Finished Pavement Surface.	1	LS	\$10,200.00	\$10,200.00
60	Traffic Control for Recycled Water Improvement Items. Includes Traffic Control for Construction Staking by City Survey Crew.	1	LS	\$30,000.00	\$30,000.00
61	Furnish and Install Portable Changeable Message Sign.	6	EA	\$9,100.00	\$54,600.00
62	Storm Water Pollution Prevention Control Plan (SWPPP) and Best Management Practices (BMPs).	1	LS	\$5,400.00	\$5,400.00
				Bid Schedule A Total	\$6,138,500.00

"Schedule B" - From STA 226+97 to STA 252+40

-	Note: All items subject to any special notes or footnotes appearing on this Engineer's estimate included with the bid documents.	-	-	-	-
-	Note: The Contract lump sum or unit price for each Contract Bid Item shall include full compensation for all labor, materials, tools, taxes, profit, overhead, incidentals and appurtenant work necessary for performing and completing the work of the Contract Bid Item as required by the Project Plans, Specifications, Special Provisions and other Contract Documents. Such compensation shall also include or take into consideration any additional provisions or conditions specifically stated immediately following the Contract Bid Item.	-	-	-	-
-	Note: In the absence of a specific bid item or specific payment provisions for any portion of the work required by the Contract Documents, the bidder shall include the bidder's compensation for that portion of the Contract work in the Contract unit price(s) and/or lump sum price(s) of the bid item(s) that require such work, or are closely related to such work. Therefore, no separate or additional payment will be made to the Contractor for any such work on the premise that such work lacks specific bid item(s) or specific payment provisions.	-	-	-	-
63	Clearing and Grubbing including Mobilization/Demolition, Dust Control, Construction Water and Site Cleanup. BID PRICE FOR THIS ITEM SHALL NOT EXCEED 3 PERCENT OF THE TOTAL OF ALL BID ITEMS FOR BID SCHEDULE B, LESS THIS ITEM.	1	LS	\$40,000.00	\$40,000.00
64	Furnish 24-inch ID Recycled Water Pipe with Recycled Water Marking Tape. Bid one of the two alternatives listed below (ENTER A ZERO IN THE ALTERNATIVE NOT BIDDING ON):	-	-	-	-
	A. Cement Mortar Lined and Coated Steel Pipe (T=0.188" Min, Lining=0.500", Mortar Coating=1.000" Min) with purple poly wrap.	2,200	LF	\$0.00	\$0.00
	B. Ductile Iron Pipe (Pressure Class 200) with purple poly wrap.	2,200	LF	\$93.00	\$204,600.00
65	Install 24-inch ID Recycled Water Pipe Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	1,840	LF	\$118.00	\$217,120.00
66	Furnish and Install 36-inch ID Steel Casing (0.500" min wall thickness) including installing 24-inch Piping, Fittings, Spacers, Blown Sand, plans and permits, Complete per Plan at Crossings Under 91 Freeway, Under BNSF Railroad Bridge and Over Sewer Pipeline on Monroe Street.	360	LF	\$538.00	\$193,680.00

67	Furnish 24-inch TR-FLEX Ductile Iron Recycled Water Pipe (Pressure Class 200) and Fittings with purple poly wrap.	380	LF	\$145.00	\$55,100.00
68	Install 24-inch Ductile Iron TR-FLEX Recycled Water Pipe (Pressure Class 200) Through Abandoned 48-Inch "Techite" Pipe and Grout Annular Space Between The Two Pipes With CLSM Material.	380	LF	\$158.00	\$60,040.00
69	Furnish and Install Field Fabricated Fittings, including all material, labor, incidentals, for 24-inch ID Recycled Water Steel Pipe (T=0.188" Min.) for Field Fabrication of Bends or Offsets Where Necessary. (ALL BENDS AND OFFSETS FOR DUCTILE IRON PIPE SHALL BE INCLUDED IN BID ITEMS FOR FURNISH AND INSTALLATION OF PIPE WITH NO ADDITIONAL COMPENSATION. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM)	6	EA	\$0.00	\$0.00
70	Furnish and Install 4-inch Combination Air and Vacuum Valve per CWD-460RW.	2	EA	\$21,000.00	\$42,000.00
71	Furnish and Install 4-inch Combination Air and Vacuum Valve With 6-inch Bypass per Detail "J" on Sheet 21.	2	EA	\$27,000.00	\$54,000.00
72	Furnish and Install 8-inch Blow-Off (End of Pipe) per Detail "G", Sheet 21	1	EA	\$8,000.00	\$8,000.00
73	Furnish and Install 8-inch Blow-Off per CWD-410RW-B.	3	EA	\$23,500.00	\$70,500.00
74	Furnish and Install 8-Inch Temporary Blow-off per CWD-414RW For Pressure Testing and Disinfection.	1	EA	\$8,800.00	\$8,800.00
75	Furnish and Install 8-Inch Temporary Blow-off (Not Shown in Plan) per CWD-414RW For Pressure Testing and Disinfection.	6	EA	\$8,400.00	\$50,400.00
76	Furnish and Install 24-inch Butterfly Valve per CWD-510RW.	2	EA	\$9,600.00	\$19,200.00
77	Furnish and Install 24-inch Manway per CWD-350RW. (These Manways are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	1	EA	\$5,000.00	\$5,000.00
78	Furnish and Install Manhole per CWD-816RW (These Manholes are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	1	EA	\$8,000.00	\$8,000.00
79	Furnish and Install Temporary Water Sampler per CWD-432RW.	4	EA	\$1,000.00	\$4,000.00
80	Cut and Plug, and Remove and Dispose Abandoned 18-inch Irrigation Pipe and Manholes per Plan.	450	LF	\$3.50	\$1,575.00
81	Furnish and Install 24-inch Utility Conflict Offset (4 X 45 degree bends and Required Piping) Per "Typical Utility Crossing" Detail on Sheet 22. (These Offsets are for Unforeseen Utility Conflicts for the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	2	EA	\$6,000.00	\$12,000.00
82	Bracing Excavation for Recycled Water Lines.	2,400	LF	\$5.00	\$12,000.00
83	Pipe Pressure Testing (including water).	1	LS	\$6,600.00	\$6,600.00
84	Pipe Flushing (including water).	1	LS	\$6,200.00	\$6,200.00
85	Relocate Existing Sewer Lateral.	8	EA	\$1,000.00	\$8,000.00
86	Sewer Main Interior Inspection Video or other means to Identify Sewer Lateral Locations.	1	LS	\$7,700.00	\$7,700.00
87	Furnish and Install Flange Insulation and Test Lead per CWD-923. (THIS ITEM IS NOT REQUIRED FOR DUCTILE IRON PIPE. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	2	EA	\$0.00	\$0.00
88	CML&C Steel Pipeline Interior Video Inspection. (INTERIOR VIDEO INSPECTION OF DUCTILE IRON PIPE IS NOT REQUIRED. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	1	LS	\$0.00	\$0.00
89	Furnish and Install Temporary Paving (3" Min.), including periodic maintenance necessary to sustain a smooth driving surface at all times.	2,400	LF	\$5.95	\$14,280.00

90	Furnish and Install Permanent Pavement, Including Full Structural Section, per City of Riverside, Public Works Department Std. Dwg. 453. Includes the Area of Work by City Forces. (See Street Improvement Plans for Structural Section).	2,400	LF	\$93.00	\$223,200.00
91	Trench Dewatering.	1	LS	\$500.00	\$500.00
92	Adjust Valve Can Lids to Sit Flush With the Finished Pavement Surface.	1	LS	\$2,400.00	\$2,400.00
93	Traffic Control for Recycled Water Improvement Items, Includes Traffic Control for Construction Staking by City Survey Crew.	1	LS	\$12,000.00	\$12,000.00
94	Traffic Loop Replacement, including detector card. The Entire Detector Loop System Shall be Replaced to the Signal Panel. It is assumed that the loop system at each signalized intersection will be replaced twice, once after base paving and once after final paving.	2	EA	\$2,200.00	\$4,400.00
95	Traffic Striping.	1	LS	\$2,500.00	\$2,500.00
96	Furnish and Install Portable Changeable Message Sign.	2	EA	\$3,000.00	\$6,000.00
97	Storm Water Pollution Prevention Control Plan (SWPPP) and Best Management Practices (BMPs).	1	LS	\$3,700.00	\$3,700.00
				Bid Schedule B Total	\$1,363,495.00

"Schedule C" - Slurry Grout Abandoned 48" and 42" Techite Pipe

-	Note: All items subject to any special notes or footnotes appearing on this Engineer's estimate included with the bid documents.	-	-	-	-
-	Note: The Contract lump sum or unit price for each Contract Bid Item shall include full compensation for all labor, materials, tools, taxes, profit, overhead, incidentals and appurtenant work necessary for performing and completing the work of the Contract Bid Item as required by the Project Plans, Specifications, Special Provisions and other Contract Documents. Such compensation shall also include or take into consideration any additional provisions or conditions specifically stated immediately following the Contract Bid Item.	-	-	-	-
-	Note: In the absence of a specific bid item or specific payment provisions for any portion of the work required by the Contract Documents, the bidder shall include the bidder's compensation for that portion of the Contract work in the Contract unit price(s) and/or lump sum price(s) of the bid item(s) that require such work, or are closely related to such work. Therefore, no separate or additional payment will be made to the Contractor for any such work on the premise that such work lacks specific bid item(s) or specific payment provisions.	-	-	-	-
98	Clearing and Grubbing including Mobilization/Demolition, Dust Control, Construction Water and Site Cleanup. BID PRICE FOR THIS ITEM SHALL NOT EXCEED 3 PERCENT OF THE TOTAL OF ALL BID ITEMS FOR BID SCHEDULE C, LESS THIS ITEM.	1	LS	\$10,000.00	\$10,000.00
99	Pressure Grout Abandoned 48-inch and 42-inch Techite Pipe on Monroe Street from Lincoln Avenue to California Avenue.	8,300	LF	\$21.00	\$174,300.00
100	Excavate and Backfill Pit for Pipe Grouting.	12	EA	\$5,200.00	\$62,400.00
101	Furnish and Install Temporary Paving (3" Min.) for Each Excavated Pit, including periodic maintenance necessary to sustain a smooth driving surface at all times.	12	EA	\$500.00	\$6,000.00
102	Furnish and install 12-inch Class 2 Crushed Aggregate Base Material.	1	LS	\$25,200.00	\$25,200.00
103	Furnish and Install 7-Inches Thick Pavement For Each Excavated Pit, Including Full Structural Section, per City of Riverside, Public Works Department Std. Dwg. 453. Includes the Area of Work by City Forces. (See Street Improvement Plans for Structural Section).	12	EA	\$2,800.00	\$33,600.00
104	Trench Dewatering.	1	LS	\$1,500.00	\$1,500.00
105	Traffic Control, Includes Traffic Control for Construction Staking by City Survey Crew.	1	LS	\$20,000.00	\$20,000.00
106	Storm Water Pollution Prevention Control Plan (SWPPP) and Best Management Practices (BMPs).	1	LS	\$2,800.00	\$2,800.00

Bid Schedule C Total	\$335,800.00
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Subcontractor Information			
Subcontractor Name	Location	Portion	Amount
RJ Noble Company	Orange, CA	Paving	\$267,000.00
Cell-Crete Corporation	Monrovia, CA	Pumping & Grouting	\$151,049.24
Los Angeles Signal Construction	San Dimas, CA	Traffic Loops	\$65,000.00

BID RESULTS

City of Riverside
Finance Dept./Purchasing

Due Date	5/25/2016	Bid No.	RPU-7377
Before	3:30pm	Estimate	\$8,500,000.00

Bid Description

Jackson Street 24-Inch Recycled Water Pipeline Project Phase 1

Bidder

Blois Construction, Inc.

Item No.	Item Description	Qty	Unit	Unit Price	Ext. Price
"Schedule A" - From STA 100+00 to STA 226+97, and Central Avenue					
-	Note: All items subject to any special notes or footnotes appearing on this Engineer's estimate included with the bid documents.	-	-	-	-
-	Note: The Contract lump sum or unit price for each Contract Bid Item shall include full compensation for all labor, materials, tools, taxes, profit, overhead, incidentals and appurtenant work necessary for performing and completing the work of the Contract Bid Item as required by the Project Plans, Specifications, Special Provisions and other Contract Documents. Such compensation shall also include or take into consideration any additional provisions or conditions specifically stated immediately following the Contract Bid Item.	-	-	-	-
-	Note: In the absence of a specific bid item or specific payment provisions for any portion of the work required by the Contract Documents, the bidder shall include the bidder's compensation for that portion of the Contract work in the Contract unit price(s) and/or lump sum price(s) of the bid item(s) that require such work, or are closely related to such work. Therefore, no separate or additional payment will be made to the Contractor for any such work on the premise that such work lacks specific bid item(s) or specific payment provisions.	-	-	-	-
1	Clearing and Grubbing including Mobilization/Demolition, Dust Control, Construction Water and Site Cleanup. BID PRICE FOR THIS ITEM SHALL NOT EXCEED 3 PERCENT OF THE TOTAL OF ALL BID ITEMS FOR BID SCHEDULE A, LESS THIS ITEM.	1	LS	\$111,697.00	\$111,697.00
2	Furnish 24-inch ID Recycled Water Pipe with Recycled Water Marking Tape. Bid one of the two alternatives listed below (ENTER A ZERO IN THE ALTERNATIVE NOT BIDDING ON): 0 0 0 0 A. Cement Mortar Lined and Coated Steel	-	-	-	-
	A. Cement Mortar Lined and Coated Steel Pipe (T=0.188" Min, Lining=0.500", Mortar Coating=1.000" Min) with purple poly wrap.	12,700	LF	\$0.00	\$0.00
	B. Ductile Iron Pipe (Pressure Class 200) with purple poly wrap.	12,700	LF	\$101.00	\$1,282,700.00
3	Install 24-inch ID Recycled Water Pipe Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	12,660	LF	\$153.00	\$1,936,980.00
4	Furnish and Install 36-inch ID Steel Casing (0.500" min wall thickness) including installing 24-inch Piping, Fittings, Spacers, Blown Sand, plans and permits, Complete per Plan at Crossing Over MWD Pipeline Near Magnolia and Monroe Intersection.	40	LF	\$213.00	\$8,520.00
5	Furnish 12-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings with Recycled Water Marking Tape and purple poly wrap.	70	LF	\$53.00	\$3,710.00
6	Install 12-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	70	LF	\$178.00	\$12,460.00
7	Furnish 12-inch Ductile Iron Potable Water Pipe (Pressure Class 350) and Fittings with poly wrap.	150	LF	\$46.00	\$6,900.00

8	Install 12-inch Ductile Iron Potable Water Pipe (Pressure Class 350) and Fittings Complete per Plan and CWD-040-1 and CWD-040-2.	150	LF	\$160.00	\$24,000.00
9	Furnish 8-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings with Recycled Water Marking Tape and purple poly wrap.	2,000	LF	\$26.00	\$52,000.00
10	Install 8-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	2,000	LF	\$44.00	\$88,000.00
11	Furnish 8-inch TR-FLEX Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings with purple poly wrap.	100	LF	\$54.00	\$5,400.00
12	Furnish and Install (Bore and Jack) of 16-inch ID Steel Casing (0.375" min wall thickness) including installing 8-inch Piping, Fittings, Spacers, Blown Sand, Excavate Bore and Receiving Pits including Shoring, plans and permits, and dewatering. Complete per Plan Under Union Pacific Railroad at Central Avenue.	100	LF	\$592.00	\$59,200.00
13	Furnish and Install Field Fabricated Fittings, including all material, labor, incidentals, for 24-inch ID Recycled Water Steel Pipe (T=0.188" Min.) for Field Fabrication of Bends or Offsets Where Necessary. (ALL BENDS AND OFFSETS FOR DUCTILE IRON PIPE SHALL BE INCLUDED IN BID ITEMS FOR FURNISH AND INSTALLATION OF PIPE AT NO ADDITIONAL COST. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM)	20	EA	\$0.00	\$0.00
14	Furnish and Install 2,110 Gallon Bladder Surge Tank Assembly, Including Tank Foundation and Anchorage Design, 12" Tank Outlet Pipe, Fittings and Appurtenances and Connection to Existing 36" Steel CML&C Pipe.	1	LS	\$118,746.00	\$118,746.00
15	Furnish and Install 4-inch Combination Air and Vacuum Valve per CWD-460RW.	10	EA	\$14,976.00	\$149,760.00
16	Furnish and Install 2-inch Combination Air and Vacuum Valve per CWD-451RW.	2	EA	\$21,822.00	\$43,644.00
17	Furnish and Install 4-inch Combination Air and Vacuum Valve With 6-inch Bypass per Detail "J" on Sheet 21.	3	EA	\$38,995.00	\$116,985.00
18	Furnish and Install 8-inch Blow-Off per CWD-410RW-B.	13	EA	\$14,062.00	\$182,806.00
19	Furnish and Install 8" Temporary Blow-off Assembly per CWD-414RW For Pressure Testing and Chlorination.	3	EA	\$6,578.00	\$19,734.00
20	Furnish and Install 2-inch Blow-Off (End of Pipe) per CWD-411RW-B.	1	EA	\$3,239.00	\$3,239.00
21	Furnish and Install Temporary 2-inch Blow-Off per CWD 412RW For Pressure Testing and Chlorination.	3	EA	\$1,310.00	\$3,930.00
22	Furnish and Install 8" Temporary Blow-off Assembly (Not Shown in Plan) per CWD-414RW For Pressure Testing and Chlorination.	8	EA	\$8,005.00	\$64,040.00
23	Furnish and Install Temporary 2-inch Blow-Off (Not Shown in Plan) per CWD 412RW For Pressure Testing and Chlorination.	2	EA	\$2,050.00	\$4,100.00
24	Furnish and Install 24-inch Butterfly Valve per CWD-510RW.	7	EA	\$31,098.00	\$217,686.00
25	Furnish and Install 24-inch Manway per CWD-350RW. (These Manways are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	8	EA	\$8,962.00	\$71,696.00
26	Furnish and Install Manhole per CWD-816RW (These Manholes are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	8	EA	\$12,921.00	\$103,368.00
27	Furnish and Install 8-inch Gate Valve per CWD-500RW.	4	EA	\$2,194.00	\$8,776.00
28	Furnish and Install 12-inch Gate Valve per CWD-500RW.	2	EA	\$3,490.00	\$6,980.00

29	Furnish and Install 12-inch Potable Water Gate Valve per CWD-500.	1	EA	\$3,774.00	\$3,774.00
30	Furnish and Install Temporary Water Sampler per CWD-432RW.	28	EA	\$1,326.00	\$37,128.00
31	Furnish and Install Flange Insulation and Test Lead per CWD-923. (THIS ITEM IS NOT REQUIRED FOR DUCTILE IRON PIPE. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	9	EA	\$288.00	\$2,592.00
32	Connect to Existing 24-inch Recycled Water Line on Van Buren by Cut-in, Furnish and Install a 24" X 24" Crotch Plate Tee.	1	EA	\$22,228.00	\$22,228.00
33	Connect to Existing 12-inch Recycled Water Line. Furnish and Install Connection per Detail B on Sheet 3.	1	EA	\$15,836.00	\$15,836.00
34	Furnish Materials for 36" Potable Water Connection and Complete Installation Per Detail D on Sheet 21.	1	EA	\$12,321.00	\$12,321.00
35	Furnish and Install 2-inch Diameter Recycled Water Service For 1-inch Diameter Meter on 24-inch Main per CWD-601RW.	2	EA	\$5,323.00	\$10,646.00
36	Furnish and Install 4-inch Diameter Recycled Water Service For 2-inch meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD-601RW.	5	EA	\$9,140.00	\$45,700.00
37	Furnish and Install 4-inch Diameter Recycled Water Service For 3-inch Meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD-620RW-1 & 2.	4	EA	\$27,554.00	\$110,216.00
38	Furnish and Install 6-inch Diameter Recycled Water Service For 6-inch Meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD-620RW-1 & 2.	1	EA	\$28,475.00	\$28,475.00
39	Furnish and Install 8-inch Diameter Recycled Water Service For 8-Inch Meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD620RW-1 & 2. Vault per CWD 801RW-1 & 2.	2	EA	\$38,448.00	\$76,896.00
40	Furnish and Install 24-inch Utility Conflict Offset (4 X 45 degree bends and Required Piping) Per "Typical Utility Crossing" Detail on Sheet 22. (These Offsets are for Unforeseen Utility Conflicts for the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	4	EA	\$16,319.00	\$65,276.00
41	Furnish and Install Potable to Recycled Water Emergency Connection Assembly, Including Piping, Pipe Appurtenances, Manholes, Concrete Pad, Ground Surface Restoration, Irrigation Repair and All Other Works as Shown per Plan.	1	EA	\$15,424.00	\$15,424.00
42	Furnish and Install 24-inch Buttstrap Per CWD-220RW.	4	EA	\$1,861.00	\$7,444.00
43	Bracing Excavation for Recycled Water and Water Lines.	15,400	LF	\$3.00	\$46,200.00
44	Pipe Pressure Testing (including water).	1	LS	\$8,110.00	\$8,110.00
45	Pipe Flushing (including water).	1	LS	\$44,451.00	\$44,451.00
46	Relocate Existing Sewer Lateral.	42	EA	\$413.00	\$17,346.00
47	Cut and Plug, and Remove and Dispose Abandoned 18-inch Irrigation Pipe and Manholes as Indicated per Plan.	1,200	LF	\$53.00	\$63,600.00
48	Cut and Plug, and Remove and Dispose Abandoned 20-inch Sewer Pipe and Manholes as Indicated per Plan.	850	LF	\$47.00	\$39,950.00
49	Cut and Plug, and Remove and Dispose Abandoned 18-inch Storm Drain as Indicated per Plan.	70	LF	\$56.00	\$3,920.00
50	Sewer Main Interior Inspection Video or other means to Identify Sewer Lateral Locations.	1	LS	\$3,994.00	\$3,994.00
51	Chlorination and Sanitary Samples (including water), dispose of Chlorinated Water.	1	LS	\$29,376.00	\$29,376.00
52	CML&C Steel Pipeline Interior Video Inspection. (INTERIOR VIDEO INSPECTION OF DUCTILE IRON PIPE IS NOT REQUIRED. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	1	LS	\$0.00	\$0.00
53	Furnish and Install Temporary Paving (3" Min.), including periodic maintenance necessary to sustain a smooth driving surface at all times.	15,400	LF	\$4.00	\$61,600.00

54	Furnish and Install Permanent Pavement, Including Full Structural Section, per City of Riverside, Public Works Department Std. Dwg. 453. Includes the Area of Work by City Forces. (See Street Improvement Plans for Structural Section).	15,400	LF	\$22.00	\$338,800.00
55	Trench Dewatering.	1	LS	\$2,324.00	\$2,324.00
56	Traffic Loop Replacement. The Entire Detector Loop System Shall be Replaced to the Pull box. It is assumed that the loop system at each signalized intersection will be replaced twice, once after base paving and once after final paving.	14	EA	\$727.00	\$10,178.00
57	Traffic Striping, for Base Paving and Final Paving.	1	LS	\$33,647.00	\$33,647.00
58	Bedrock Removal.	5,000	LF	\$15.00	\$75,000.00
59	Adjust Valve Can Lids to Sit Flush With the Finished Pavement Surface.	1	LS	\$28,457.00	\$28,457.00
60	Traffic Control for Recycled Water Improvement Items. Includes Traffic Control for Construction Staking by City Survey Crew.	1	LS	\$265,648.00	\$265,648.00
61	Furnish and Install Portable Changeable Message Sign.	6	EA	\$20,202.00	\$121,212.00
62	Storm Water Pollution Prevention Control Plan (SWPPP) and Best Management Practices (BMPs).	1	LS	\$15,347.00	\$15,347.00
				Bid Schedule A Total	\$6,370,173.00

"Schedule B" - From STA 226+97 to STA 252+40

-	Note: All items subject to any special notes or footnotes appearing on this Engineer's estimate included with the bid documents.	-	-	-	-
-	Note: The Contract lump sum or unit price for each Contract Bid Item shall include full compensation for all labor, materials, tools, taxes, profit, overhead, incidentals and appurtenant work necessary for performing and completing the work of the Contract Bid Item as required by the Project Plans, Specifications, Special Provisions and other Contract Documents. Such compensation shall also include or take into consideration any additional provisions or conditions specifically stated immediately following the Contract Bid Item.	-	-	-	-
-	Note: In the absence of a specific bid item or specific payment provisions for any portion of the work required by the Contract Documents, the bidder shall include the bidder's compensation for that portion of the Contract work in the Contract unit price(s) and/or lump sum price(s) of the bid item(s) that require such work, or are closely related to such work. Therefore, no separate or additional payment will be made to the Contractor for any such work on the premise that such work lacks specific bid item(s) or specific payment provisions.	-	-	-	-
63	Clearing and Grubbing including Mobilization/Demolition, Dust Control, Construction Water and Site Cleanup. BID PRICE FOR THIS ITEM SHALL NOT EXCEED 3 PERCENT OF THE TOTAL OF ALL BID ITEMS FOR BID SCHEDULE B, LESS THIS ITEM.	1	LS	\$14,822.00	\$14,822.00
64	Furnish 24-inch ID Recycled Water Pipe with Recycled Water Marking Tape. Bid one of the two alternatives listed below (ENTER A ZERO IN THE ALTERNATIVE NOT BIDDING ON):	-	-	-	-
	A. Cement Mortar Lined and Coated Steel Pipe (T=0.188" Min, Lining=0.500", Mortar Coating=1.000" Min) with purple poly wrap.	2,200	LF	\$0.00	\$0.00
	B. Ductile Iron Pipe (Pressure Class 200) with purple poly wrap.	2,200	LF	\$93.00	\$204,600.00
65	Install 24-inch ID Recycled Water Pipe Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	1,840	LF	\$239.00	\$439,760.00
66	Furnish and Install 36-inch ID Steel Casing (0.500" min wall thickness) including installing 24-inch Piping, Fittings, Spacers, Blown Sand, plans and permits, Complete per Plan at Crossings Under 91 Freeway, Under BNSF Railroad Bridge and Over Sewer Pipeline on Monroe Street.	360	LF	\$560.00	\$201,600.00

67	Furnish 24-inch TR-FLEX Ductile Iron Recycled Water Pipe (Pressure Class 200) and Fittings with purple poly wrap.	380	LF	\$124.00	\$47,120.00
68	Install 24-inch Ductile Iron TR-FLEX Recycled Water Pipe (Pressure Class 200) Through Abandoned 48-Inch "Techite" Pipe and Grout Annular Space Between The Two Pipes With CLSM Material.	380	LF	\$179.00	\$68,020.00
69	Furnish and Install Field Fabricated Fittings, including all material, labor, incidentals, for 24-inch ID Recycled Water Steel Pipe (T=0.188" Min.) for Field Fabrication of Bends or Offsets Where Necessary. (ALL BENDS AND OFFSETS FOR DUCTILE IRON PIPE SHALL BE INCLUDED IN BID ITEMS FOR FURNISH AND INSTALLATION OF PIPE WITH NO ADDITIONAL COMPENSATION. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM)	6	EA	\$0.00	\$0.00
70	Furnish and Install 4-inch Combination Air and Vacuum Valve per CWD-460RW.	2	EA	\$14,000.00	\$28,000.00
71	Furnish and Install 4-inch Combination Air and Vacuum Valve With 6-inch Bypass per Detail "J" on Sheet 21.	2	EA	\$24,390.00	\$48,780.00
72	Furnish and Install 8-inch Blow-Off (End of Pipe) per Detail "G", Sheet 21	1	EA	\$9,713.00	\$9,713.00
73	Furnish and Install 8-inch Blow-Off per CWD-410RW-B.	3	EA	\$15,452.00	\$46,356.00
74	Furnish and Install 8-Inch Temporary Blow-off per CWD-414RW For Pressure Testing and Disinfection.	1	EA	\$8,389.00	\$8,389.00
75	Furnish and Install 8-Inch Temporary Blow-off (Not Shown in Plan) per CWD-414RW For Pressure Testing and Disinfection.	6	EA	\$8,389.00	\$50,334.00
76	Furnish and Install 24-inch Butterfly Valve per CWD-510RW.	2	EA	\$11,741.00	\$23,482.00
77	Furnish and Install 24-inch Manway per CWD-350RW. (These Manways are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	1	EA	\$9,109.00	\$9,109.00
78	Furnish and Install Manhole per CWD-816RW (These Manholes are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	1	EA	\$12,921.00	\$12,921.00
79	Furnish and Install Temporary Water Sampler per CWD-432RW.	4	EA	\$1,521.00	\$6,084.00
80	Cut and Plug, and Remove and Dispose Abandoned 18-inch Irrigation Pipe and Manholes per Plan.	450	LF	\$56.00	\$25,200.00
81	Furnish and Install 24-inch Utility Conflict Offset (4 X 45 degree bends and Required Piping) Per "Typical Utility Crossing" Detail on Sheet 22. (These Offsets are for Unforeseen Utility Conflicts for the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	2	EA	\$14,186.00	\$28,372.00
82	Bracing Excavation for Recycled Water Lines.	2,400	LF	\$8.00	\$19,200.00
83	Pipe Pressure Testing (including water).	1	LS	\$2,704.00	\$2,704.00
84	Pipe Flushing (including water).	1	LS	\$2,704.00	\$2,704.00
85	Relocate Existing Sewer Lateral.	8	EA	\$413.00	\$3,304.00
86	Sewer Main Interior Inspection Video or other means to Identify Sewer Lateral Locations.	1	LS	\$3,994.00	\$3,994.00
87	Furnish and Install Flange Insulation and Test Lead per CWD-923. (THIS ITEM IS NOT REQUIRED FOR DUCTILE IRON PIPE. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	2	EA	\$288.00	\$576.00
88	CML&C Steel Pipeline Interior Video Inspection. (INTERIOR VIDEO INSPECTION OF DUCTILE IRON PIPE IS NOT REQUIRED. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	1	LS	\$3,994.00	\$3,994.00
89	Furnish and Install Temporary Paving (3" Min.), including periodic maintenance necessary to sustain a smooth driving surface at all times.	2,400	LF	\$5.10	\$12,240.00

90	Furnish and Install Permanent Pavement, Including Full Structural Section, per City of Riverside, Public Works Department Std. Dwg. 453. Includes the Area of Work by City Forces. (See Street Improvement Plans for Structural Section).	2,400	LF	\$24.00	\$57,600.00
91	Trench Dewatering.	1	LS	\$2,322.00	\$2,322.00
92	Adjust Valve Can Lids to Sit Flush With the Finished Pavement Surface.	1	LS	\$7,221.00	\$7,221.00
93	Traffic Control for Recycled Water Improvement Items, Includes Traffic Control for Construction Staking by City Survey Crew.	1	LS	\$90,561.00	\$90,561.00
94	Traffic Loop Replacement, including detector card. The Entire Detector Loop System Shall be Replaced to the Signal Panel. It is assumed that the loop system at each signalized intersection will be replaced twice, once after base paving and once after final paving.	2	EA	\$635.00	\$1,270.00
95	Traffic Striping.	1	LS	\$5,983.00	\$5,983.00
96	Furnish and Install Portable Changeable Message Sign.	2	EA	\$30,395.00	\$60,790.00
97	Storm Water Pollution Prevention Control Plan (SWPPP) and Best Management Practices (BMPs).	1	LS	\$14,877.00	\$14,877.00
				Bid Schedule B Total	\$1,562,002.00

"Schedule C" - Slurry Grout Abandoned 48" and 42" Techite Pipe

-	Note: All items subject to any special notes or footnotes appearing on this Engineer's estimate included with the bid documents.	-	-	-	-
-	Note: The Contract lump sum or unit price for each Contract Bid Item shall include full compensation for all labor, materials, tools, taxes, profit, overhead, incidentals and appurtenant work necessary for performing and completing the work of the Contract Bid Item as required by the Project Plans, Specifications, Special Provisions and other Contract Documents. Such compensation shall also include or take into consideration any additional provisions or conditions specifically stated immediately following the Contract Bid Item.	-	-	-	-
-	Note: In the absence of a specific bid item or specific payment provisions for any portion of the work required by the Contract Documents, the bidder shall include the bidder's compensation for that portion of the Contract work in the Contract unit price(s) and/or lump sum price(s) of the bid item(s) that require such work, or are closely related to such work. Therefore, no separate or additional payment will be made to the Contractor for any such work on the premise that such work lacks specific bid item(s) or specific payment provisions.	-	-	-	-
98	Clearing and Grubbing including Mobilization/Demolition, Dust Control, Construction Water and Site Cleanup. BID PRICE FOR THIS ITEM SHALL NOT EXCEED 3 PERCENT OF THE TOTAL OF ALL BID ITEMS FOR BID SCHEDULE C, LESS THIS ITEM.	1	LS	\$7,251.00	\$7,251.00
99	Pressure Grout Abandoned 48-inch and 42-inch Techite Pipe on Monroe Street from Lincoln Avenue to California Avenue.	8,300	LF	\$29.00	\$240,700.00
100	Excavate and Backfill Pit for Pipe Grouting.	12	EA	\$3,907.00	\$46,884.00
101	Furnish and Install Temporary Paving (3" Min.) for Each Excavated Pit, including periodic maintenance necessary to sustain a smooth driving surface at all times.	12	EA	\$1,088.00	\$13,056.00
102	Furnish and install 12-inch Class 2 Crushed Aggregate Base Material.	1	LS	\$5,452.00	\$5,452.00
103	Furnish and Install 7-Inches Thick Pavement For Each Excavated Pit, Including Full Structural Section, per City of Riverside, Public Works Department Std. Dwg. 453. Includes the Area of Work by City Forces. (See Street Improvement Plans for Structural Section).	12	EA	\$1,256.00	\$15,072.00
104	Trench Dewatering.	1	LS	\$1,709.00	\$1,709.00
105	Traffic Control, Includes Traffic Control for Construction Staking by City Survey Crew.	1	LS	\$60,946.00	\$60,946.00
106	Storm Water Pollution Prevention Control Plan (SWPPP) and Best Management Practices (BMPs).	1	LS	\$9,237.00	\$9,237.00

Bid Schedule C Total	\$400,307.00
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Subcontractor Information			
Subcontractor Name	Location	Portion	Amount
All American Asphalt	Corona, CA	Paving	\$262,000.00
Cell-Crete Corporation	Monrovia, CA	Abandonments	\$151,000.00
Golden State Boring	Chino, CA	Boring	\$137,000.00

BID RESULTS

City of Riverside
Finance Dept./Purchasing

Due Date	5/25/2016	Bid No.	RPU-7377
Before	3:30pm	Estimate	\$8,500,000.00

Bid Description

Jackson Street 24-Inch Recycled Water Pipeline Project Phase 1

Bidder

Colich & Sons LP

Item No.	Item Description	Qty	Unit	Unit Price	Ext. Price
"Schedule A" - From STA 100+00 to STA 226+97, and Central Avenue					
-	Note: All items subject to any special notes or footnotes appearing on this Engineer's estimate included with the bid documents.	-	-	-	-
-	Note: The Contract lump sum or unit price for each Contract Bid Item shall include full compensation for all labor, materials, tools, taxes, profit, overhead, incidentals and appurtenant work necessary for performing and completing the work of the Contract Bid Item as required by the Project Plans, Specifications, Special Provisions and other Contract Documents. Such compensation shall also include or take into consideration any additional provisions or conditions specifically stated immediately following the Contract Bid Item.	-	-	-	-
-	Note: In the absence of a specific bid item or specific payment provisions for any portion of the work required by the Contract Documents, the bidder shall include the bidder's compensation for that portion of the Contract work in the Contract unit price(s) and/or lump sum price(s) of the bid item(s) that require such work, or are closely related to such work. Therefore, no separate or additional payment will be made to the Contractor for any such work on the premise that such work lacks specific bid item(s) or specific payment provisions.	-	-	-	-
1	Clearing and Grubbing including Mobilization/Demolition, Dust Control, Construction Water and Site Cleanup. BID PRICE FOR THIS ITEM SHALL NOT EXCEED 3 PERCENT OF THE TOTAL OF ALL BID ITEMS FOR BID SCHEDULE A, LESS THIS ITEM.	1	LS	\$175,000.00	\$175,000.00
2	Furnish 24-inch ID Recycled Water Pipe with Recycled Water Marking Tape. Bid one of the two alternatives listed below (ENTER A ZERO IN THE ALTERNATIVE NOT BIDDING ON): 0 0 0 0 A. Cement Mortar Lined and Coated Steel	-	-	-	-
	A. Cement Mortar Lined and Coated Steel Pipe (T=0.188" Min, Lining=0.500", Mortar Coating=1.000" Min) with purple poly wrap.	12,700	LF	\$100.00	\$1,270,000.00
	B. Ductile Iron Pipe (Pressure Class 200) with purple poly wrap.	12,700	LF	\$0.00	\$0.00
3	Install 24-inch ID Recycled Water Pipe Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	12,660	LF	\$200.00	\$2,532,000.00
4	Furnish and Install 36-inch ID Steel Casing (0.500" min wall thickness) including installing 24-inch Piping, Fittings, Spacers, Blown Sand, plans and permits, Complete per Plan at Crossing Over MWD Pipeline Near Magnolia and Monroe Intersection.	40	LF	\$750.00	\$30,000.00
5	Furnish 12-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings with Recycled Water Marking Tape and purple poly wrap.	70	LF	\$45.00	\$3,150.00
6	Install 12-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	70	LF	\$125.00	\$8,750.00
7	Furnish 12-inch Ductile Iron Potable Water Pipe (Pressure Class 350) and Fittings with poly wrap.	150	LF	\$40.00	\$6,000.00

8	Install 12-inch Ductile Iron Potable Water Pipe (Pressure Class 350) and Fittings Complete per Plan and CWD-040-1 and CWD-040-2.	150	LF	\$125.00	\$18,750.00
9	Furnish 8-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings with Recycled Water Marking Tape and purple poly wrap.	2,000	LF	\$25.00	\$50,000.00
10	Install 8-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	2,000	LF	\$100.00	\$200,000.00
11	Furnish 8-inch TR-FLEX Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings with purple poly wrap.	100	LF	\$100.00	\$10,000.00
12	Furnish and Install (Bore and Jack) of 16-inch ID Steel Casing (0.375" min wall thickness) including installing 8-inch Piping, Fittings, Spacers, Blown Sand, Excavate Bore and Receiving Pits including Shoring, plans and permits, and dewatering. Complete per Plan Under Union Pacific Railroad at Central Avenue.	100	LF	\$400.00	\$40,000.00
13	Furnish and Install Field Fabricated Fittings, including all material, labor, incidentals, for 24-inch ID Recycled Water Steel Pipe (T=0.188" Min.) for Field Fabrication of Bends or Offsets Where Necessary. (ALL BENDS AND OFFSETS FOR DUCTILE IRON PIPE SHALL BE INCLUDED IN BID ITEMS FOR FURNISH AND INSTALLATION OF PIPE AT NO ADDITIONAL COST. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM)	20	EA	\$4,000.00	\$80,000.00
14	Furnish and Install 2,110 Gallon Bladder Surge Tank Assembly, Including Tank Foundation and Anchorage Design, 12" Tank Outlet Pipe, Fittings and Appurtenances and Connection to Existing 36" Steel CML&C Pipe.	1	LS	\$15,000.00	\$15,000.00
15	Furnish and Install 4-inch Combination Air and Vacuum Valve per CWD-460RW.	10	EA	\$5,500.00	\$55,000.00
16	Furnish and Install 2-inch Combination Air and Vacuum Valve per CWD-451RW.	2	EA	\$4,000.00	\$8,000.00
17	Furnish and Install 4-inch Combination Air and Vacuum Valve With 6-inch Bypass per Detail "J" on Sheet 21.	3	EA	\$9,500.00	\$28,500.00
18	Furnish and Install 8-inch Blow-Off per CWD-410RW-B.	13	EA	\$4,000.00	\$52,000.00
19	Furnish and Install 8" Temporary Blow-off Assembly per CWD-414RW For Pressure Testing and Chlorination.	3	EA	\$3,500.00	\$10,500.00
20	Furnish and Install 2-inch Blow-Off (End of Pipe) per CWD-411RW-B.	1	EA	\$2,500.00	\$2,500.00
21	Furnish and Install Temporary 2-inch Blow-Off per CWD 412RW For Pressure Testing and Chlorination.	3	EA	\$2,500.00	\$7,500.00
22	Furnish and Install 8" Temporary Blow-off Assembly (Not Shown in Plan) per CWD-414RW For Pressure Testing and Chlorination.	8	EA	\$4,500.00	\$36,000.00
23	Furnish and Install Temporary 2-inch Blow-Off (Not Shown in Plan) per CWD 412RW For Pressure Testing and Chlorination.	2	EA	\$2,000.00	\$4,000.00
24	Furnish and Install 24-inch Butterfly Valve per CWD-510RW.	7	EA	\$7,500.00	\$52,500.00
25	Furnish and Install 24-inch Manway per CWD-350RW. (These Manways are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	8	EA	\$3,000.00	\$24,000.00
26	Furnish and Install Manhole per CWD-816RW (These Manholes are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	8	EA	\$3,000.00	\$24,000.00
27	Furnish and Install 8-inch Gate Valve per CWD-500RW.	4	EA	\$2,500.00	\$10,000.00
28	Furnish and Install 12-inch Gate Valve per CWD-500RW.	2	EA	\$3,300.00	\$6,600.00

29	Furnish and Install 12-inch Potable Water Gate Valve per CWD-500.	1	EA	\$3,500.00	\$3,500.00
30	Furnish and Install Temporary Water Sampler per CWD-432RW.	28	EA	\$1,500.00	\$42,000.00
31	Furnish and Install Flange Insulation and Test Lead per CWD-923. (THIS ITEM IS NOT REQUIRED FOR DUCTILE IRON PIPE. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	9	EA	\$2,000.00	\$18,000.00
32	Connect to Existing 24-inch Recycled Water Line on Van Buren by Cut-in, Furnish and Install a 24" X 24" Crotch Plate Tee.	1	EA	\$4,500.00	\$4,500.00
33	Connect to Existing 12-inch Recycled Water Line. Furnish and Install Connection per Detail B on Sheet 3.	1	EA	\$4,000.00	\$4,000.00
34	Furnish Materials for 36" Potable Water Connection and Complete Installation Per Detail D on Sheet 21.	1	EA	\$7,500.00	\$7,500.00
35	Furnish and Install 2-inch Diameter Recycled Water Service For 1-inch Diameter Meter on 24-inch Main per CWD-601RW.	2	EA	\$3,000.00	\$6,000.00
36	Furnish and Install 4-inch Diameter Recycled Water Service For 2-inch meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD-601RW.	5	EA	\$3,500.00	\$17,500.00
37	Furnish and Install 4-inch Diameter Recycled Water Service For 3-inch Meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD-620RW-1 & 2.	4	EA	\$12,000.00	\$48,000.00
38	Furnish and Install 6-inch Diameter Recycled Water Service For 6-inch Meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD-620RW-1 & 2.	1	EA	\$13,500.00	\$13,500.00
39	Furnish and Install 8-inch Diameter Recycled Water Service For 8-Inch Meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD620RW-1 & 2. Vault per CWD 801RW-1 & 2.	2	EA	\$13,500.00	\$27,000.00
40	Furnish and Install 24-inch Utility Conflict Offset (4 X 45 degree bends and Required Piping) Per "Typical Utility Crossing" Detail on Sheet 22. (These Offsets are for Unforeseen Utility Conflicts for the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	4	EA	\$3,000.00	\$12,000.00
41	Furnish and Install Potable to Recycled Water Emergency Connection Assembly, Including Piping, Pipe Appurtenances, Manholes, Concrete Pad, Ground Surface Restoration, Irrigation Repair and All Other Works as Shown per Plan.	1	EA	\$4,000.00	\$4,000.00
42	Furnish and Install 24-inch Buttstrap Per CWD-220RW.	4	EA	\$1,500.00	\$6,000.00
43	Bracing Excavation for Recycled Water and Water Lines.	15,400	LF	\$10.00	\$154,000.00
44	Pipe Pressure Testing (including water).	1	LS	\$20,000.00	\$20,000.00
45	Pipe Flushing (including water).	1	LS	\$20,000.00	\$20,000.00
46	Relocate Existing Sewer Lateral.	42	EA	\$1,000.00	\$42,000.00
47	Cut and Plug, and Remove and Dispose Abandoned 18-inch Irrigation Pipe and Manholes as Indicated per Plan.	1,200	LF	\$30.00	\$36,000.00
48	Cut and Plug, and Remove and Dispose Abandoned 20-inch Sewer Pipe and Manholes as Indicated per Plan.	850	LF	\$60.00	\$51,000.00
49	Cut and Plug, and Remove and Dispose Abandoned 18-inch Storm Drain as Indicated per Plan.	70	LF	\$50.00	\$3,500.00
50	Sewer Main Interior Inspection Video or other means to Identify Sewer Lateral Locations.	1	LS	\$20,000.00	\$20,000.00
51	Chlorination and Sanitary Samples (including water), dispose of Chlorinated Water.	1	LS	\$20,000.00	\$20,000.00
52	CML&C Steel Pipeline Interior Video Inspection. (INTERIOR VIDEO INSPECTION OF DUCTILE IRON PIPE IS NOT REQUIRED. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	1	LS	\$45,000.00	\$45,000.00
53	Furnish and Install Temporary Paving (3" Min.), including periodic maintenance necessary to sustain a smooth driving surface at all times.	15,400	LF	\$4.00	\$61,600.00

54	Furnish and Install Permanent Pavement, Including Full Structural Section, per City of Riverside, Public Works Department Std. Dwg. 453. Includes the Area of Work by City Forces. (See Street Improvement Plans for Structural Section).	15,400	LF	\$50.00	\$770,000.00
55	Trench Dewatering.	1	LS	\$75,000.00	\$75,000.00
56	Traffic Loop Replacement. The Entire Detector Loop System Shall be Replaced to the Pull box. It is assumed that the loop system at each signalized intersection will be replaced twice, once after base paving and once after final paving.	14	EA	\$750.00	\$10,500.00
57	Traffic Striping, for Base Paving and Final Paving.	1	LS	\$45,000.00	\$45,000.00
58	Bedrock Removal.	5,000	LF	\$25.00	\$125,000.00
59	Adjust Valve Can Lids to Sit Flush With the Finished Pavement Surface.	1	LS	\$15,000.00	\$15,000.00
60	Traffic Control for Recycled Water Improvement Items. Includes Traffic Control for Construction Staking by City Survey Crew.	1	LS	\$100,000.00	\$100,000.00
61	Furnish and Install Portable Changeable Message Sign.	6	EA	\$5,000.00	\$30,000.00
62	Storm Water Pollution Prevention Control Plan (SWPPP) and Best Management Practices (BMPs).	1	LS	\$15,000.00	\$15,000.00
				Bid Schedule A Total	\$6,631,850.00

"Schedule B" - From STA 226+97 to STA 252+40

-	Note: All items subject to any special notes or footnotes appearing on this Engineer's estimate included with the bid documents.	-	-	-	-
-	Note: The Contract lump sum or unit price for each Contract Bid Item shall include full compensation for all labor, materials, tools, taxes, profit, overhead, incidentals and appurtenant work necessary for performing and completing the work of the Contract Bid Item as required by the Project Plans, Specifications, Special Provisions and other Contract Documents. Such compensation shall also include or take into consideration any additional provisions or conditions specifically stated immediately following the Contract Bid Item.	-	-	-	-
-	Note: In the absence of a specific bid item or specific payment provisions for any portion of the work required by the Contract Documents, the bidder shall include the bidder's compensation for that portion of the Contract work in the Contract unit price(s) and/or lump sum price(s) of the bid item(s) that require such work, or are closely related to such work. Therefore, no separate or additional payment will be made to the Contractor for any such work on the premise that such work lacks specific bid item(s) or specific payment provisions.	-	-	-	-
63	Clearing and Grubbing including Mobilization/Demolition, Dust Control, Construction Water and Site Cleanup. BID PRICE FOR THIS ITEM SHALL NOT EXCEED 3 PERCENT OF THE TOTAL OF ALL BID ITEMS FOR BID SCHEDULE B, LESS THIS ITEM.	1	LS	\$45,000.00	\$45,000.00
64	Furnish 24-inch ID Recycled Water Pipe with Recycled Water Marking Tape. Bid one of the two alternatives listed below (ENTER A ZERO IN THE ALTERNATIVE NOT BIDDING ON):	-	-	-	-
	A. Cement Mortar Lined and Coated Steel Pipe (T=0.188" Min, Lining=0.500", Mortar Coating=1.000" Min) with purple poly wrap.	2,200	LF	\$90.00	\$198,000.00
	B. Ductile Iron Pipe (Pressure Class 200) with purple poly wrap.	2,200	LF	\$0.00	\$0.00
65	Install 24-inch ID Recycled Water Pipe Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	1,840	LF	\$200.00	\$368,000.00
66	Furnish and Install 36-inch ID Steel Casing (0.500" min wall thickness) including installing 24-inch Piping, Fittings, Spacers, Blown Sand, plans and permits, Complete per Plan at Crossings Under 91 Freeway, Under BNSF Railroad Bridge and Over Sewer Pipeline on Monroe Street.	360	LF	\$750.00	\$270,000.00

67	Furnish 24-inch TR-FLEX Ductile Iron Recycled Water Pipe (Pressure Class 200) and Fittings with purple poly wrap.	380	LF	\$150.00	\$57,000.00
68	Install 24-inch Ductile Iron TR-FLEX Recycled Water Pipe (Pressure Class 200) Through Abandoned 48-Inch "Techite" Pipe and Grout Annular Space Between The Two Pipes With CLSM Material.	380	LF	\$250.00	\$95,000.00
69	Furnish and Install Field Fabricated Fittings, including all material, labor, incidentals, for 24-inch ID Recycled Water Steel Pipe (T=0.188" Min.) for Field Fabrication of Bends or Offsets Where Necessary. (ALL BENDS AND OFFSETS FOR DUCTILE IRON PIPE SHALL BE INCLUDED IN BID ITEMS FOR FURNISH AND INSTALLATION OF PIPE WITH NO ADDITIONAL COMPENSATION. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM)	6	EA	\$2,500.00	\$15,000.00
70	Furnish and Install 4-inch Combination Air and Vacuum Valve per CWD-460RW.	2	EA	\$6,000.00	\$12,000.00
71	Furnish and Install 4-inch Combination Air and Vacuum Valve With 6-inch Bypass per Detail "J" on Sheet 21.	2	EA	\$9,500.00	\$19,000.00
72	Furnish and Install 8-inch Blow-Off (End of Pipe) per Detail "G", Sheet 21	1	EA	\$6,000.00	\$6,000.00
73	Furnish and Install 8-inch Blow-Off per CWD-410RW-B.	3	EA	\$5,000.00	\$15,000.00
74	Furnish and Install 8-Inch Temporary Blow-off per CWD-414RW For Pressure Testing and Disinfection.	1	EA	\$4,000.00	\$4,000.00
75	Furnish and Install 8-Inch Temporary Blow-off (Not Shown in Plan) per CWD-414RW For Pressure Testing and Disinfection.	6	EA	\$4,000.00	\$24,000.00
76	Furnish and Install 24-inch Butterfly Valve per CWD-510RW.	2	EA	\$6,000.00	\$12,000.00
77	Furnish and Install 24-inch Manway per CWD-350RW. (These Manways are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	1	EA	\$3,000.00	\$3,000.00
78	Furnish and Install Manhole per CWD-816RW (These Manholes are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	1	EA	\$4,000.00	\$4,000.00
79	Furnish and Install Temporary Water Sampler per CWD-432RW.	4	EA	\$1,000.00	\$4,000.00
80	Cut and Plug, and Remove and Dispose Abandoned 18-inch Irrigation Pipe and Manholes per Plan.	450	LF	\$20.00	\$9,000.00
81	Furnish and Install 24-inch Utility Conflict Offset (4 X 45 degree bends and Required Piping) Per "Typical Utility Crossing" Detail on Sheet 22. (These Offsets are for Unforeseen Utility Conflicts for the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	2	EA	\$2,500.00	\$5,000.00
82	Bracing Excavation for Recycled Water Lines.	2,400	LF	\$5.00	\$12,000.00
83	Pipe Pressure Testing (including water).	1	LS	\$10,000.00	\$10,000.00
84	Pipe Flushing (including water).	1	LS	\$5,000.00	\$5,000.00
85	Relocate Existing Sewer Lateral.	8	EA	\$1,000.00	\$8,000.00
86	Sewer Main Interior Inspection Video or other means to Identify Sewer Lateral Locations.	1	LS	\$3,500.00	\$3,500.00
87	Furnish and Install Flange Insulation and Test Lead per CWD-923. (THIS ITEM IS NOT REQUIRED FOR DUCTILE IRON PIPE. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	2	EA	\$3,000.00	\$6,000.00
88	CML&C Steel Pipeline Interior Video Inspection. (INTERIOR VIDEO INSPECTION OF DUCTILE IRON PIPE IS NOT REQUIRED. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	1	LS	\$10,000.00	\$10,000.00
89	Furnish and Install Temporary Paving (3" Min.), including periodic maintenance necessary to sustain a smooth driving surface at all times.	2,400	LF	\$3.00	\$7,200.00

90	Furnish and Install Permanent Pavement, Including Full Structural Section, per City of Riverside, Public Works Department Std. Dwg. 453. Includes the Area of Work by City Forces. (See Street Improvement Plans for Structural Section).	2,400	LF	\$40.00	\$96,000.00
91	Trench Dewatering.	1	LS	\$10,000.00	\$10,000.00
92	Adjust Valve Can Lids to Sit Flush With the Finished Pavement Surface.	1	LS	\$3,000.00	\$3,000.00
93	Traffic Control for Recycled Water Improvement Items, Includes Traffic Control for Construction Staking by City Survey Crew.	1	LS	\$10,000.00	\$10,000.00
94	Traffic Loop Replacement, including detector card. The Entire Detector Loop System Shall be Replaced to the Signal Panel. It is assumed that the loop system at each signalized intersection will be replaced twice, once after base paving and once after final paving.	2	EA	\$750.00	\$1,500.00
95	Traffic Striping.	1	LS	\$4,000.00	\$4,000.00
96	Furnish and Install Portable Changeable Message Sign.	2	EA	\$2,000.00	\$4,000.00
97	Storm Water Pollution Prevention Control Plan (SWPPP) and Best Management Practices (BMPs).	1	LS	\$5,000.00	\$5,000.00
				Bid Schedule B Total	\$1,360,200.00

"Schedule C" - Slurry Grout Abandoned 48" and 42" Techite Pipe

-	Note: All items subject to any special notes or footnotes appearing on this Engineer's estimate included with the bid documents.	-	-	-	-
-	Note: The Contract lump sum or unit price for each Contract Bid Item shall include full compensation for all labor, materials, tools, taxes, profit, overhead, incidentals and appurtenant work necessary for performing and completing the work of the Contract Bid Item as required by the Project Plans, Specifications, Special Provisions and other Contract Documents. Such compensation shall also include or take into consideration any additional provisions or conditions specifically stated immediately following the Contract Bid Item.	-	-	-	-
-	Note: In the absence of a specific bid item or specific payment provisions for any portion of the work required by the Contract Documents, the bidder shall include the bidder's compensation for that portion of the Contract work in the Contract unit price(s) and/or lump sum price(s) of the bid item(s) that require such work, or are closely related to such work. Therefore, no separate or additional payment will be made to the Contractor for any such work on the premise that such work lacks specific bid item(s) or specific payment provisions.	-	-	-	-
98	Clearing and Grubbing including Mobilization/Demolition, Dust Control, Construction Water and Site Cleanup. BID PRICE FOR THIS ITEM SHALL NOT EXCEED 3 PERCENT OF THE TOTAL OF ALL BID ITEMS FOR BID SCHEDULE C, LESS THIS ITEM.	1	LS	\$10,000.00	\$10,000.00
99	Pressure Grout Abandoned 48-inch and 42-inch Techite Pipe on Monroe Street from Lincoln Avenue to California Avenue.	8,300	LF	\$21.00	\$174,300.00
100	Excavate and Backfill Pit for Pipe Grouting.	12	EA	\$10,000.00	\$120,000.00
101	Furnish and Install Temporary Paving (3" Min.) for Each Excavated Pit, including periodic maintenance necessary to sustain a smooth driving surface at all times.	12	EA	\$1,000.00	\$12,000.00
102	Furnish and install 12-inch Class 2 Crushed Aggregate Base Material.	1	LS	\$7,500.00	\$7,500.00
103	Furnish and Install 7-Inches Thick Pavement For Each Excavated Pit, Including Full Structural Section, per City of Riverside, Public Works Department Std. Dwg. 453. Includes the Area of Work by City Forces. (See Street Improvement Plans for Structural Section).	12	EA	\$4,500.00	\$54,000.00
104	Trench Dewatering.	1	LS	\$25,000.00	\$25,000.00
105	Traffic Control, Includes Traffic Control for Construction Staking by City Survey Crew.	1	LS	\$15,000.00	\$15,000.00
106	Storm Water Pollution Prevention Control Plan (SWPPP) and Best Management Practices (BMPs).	1	LS	\$7,500.00	\$7,500.00

Bid Schedule C Total	\$425,300.00
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Subcontractor Information			
Subcontractor Name	Location	Portion	Amount
Cell Crete Corp.	Monrovia, CA	Abandonment Groutiong	\$160,000.00
Golden State Boring & Jacking	Chino, CA	Bore Casing	\$210,000.00
All American Asphalt	Corona, CA	Grind & Cap	\$270,000.00
Traffic Loops Crackfilling	Anaheim, CA	Traffic Loops	\$80,000.00

BID RESULTS

City of Riverside
Finance Dept./Purchasing

Due Date	5/25/2016	Bid No.	RPU-7377
Before	3:30pm	Estimate	\$8,500,000.00

Bid Description

Jackson Street 24-Inch Recycled Water Pipeline Project Phase 1

Bidder

TBU Inc.

Item No.	Item Description	Qty	Unit	Unit Price	Ext. Price
"Schedule A" - From STA 100+00 to STA 226+97, and Central Avenue					
-	Note: All items subject to any special notes or footnotes appearing on this Engineer's estimate included with the bid documents.	-	-	-	-
-	Note: The Contract lump sum or unit price for each Contract Bid Item shall include full compensation for all labor, materials, tools, taxes, profit, overhead, incidentals and appurtenant work necessary for performing and completing the work of the Contract Bid Item as required by the Project Plans, Specifications, Special Provisions and other Contract Documents. Such compensation shall also include or take into consideration any additional provisions or conditions specifically stated immediately following the Contract Bid Item.	-	-	-	-
-	Note: In the absence of a specific bid item or specific payment provisions for any portion of the work required by the Contract Documents, the bidder shall include the bidder's compensation for that portion of the Contract work in the Contract unit price(s) and/or lump sum price(s) of the bid item(s) that require such work, or are closely related to such work. Therefore, no separate or additional payment will be made to the Contractor for any such work on the premise that such work lacks specific bid item(s) or specific payment provisions.	-	-	-	-
1	Clearing and Grubbing including Mobilization/Demolition, Dust Control, Construction Water and Site Cleanup. BID PRICE FOR THIS ITEM SHALL NOT EXCEED 3 PERCENT OF THE TOTAL OF ALL BID ITEMS FOR BID SCHEDULE A, LESS THIS ITEM.	1	LS	\$198,000.00	\$198,000.00
2	Furnish 24-inch ID Recycled Water Pipe with Recycled Water Marking Tape. Bid one of the two alternatives listed below (ENTER A ZERO IN THE ALTERNATIVE NOT BIDDING ON): 0 0 0 0 A. Cement Mortar Lined and Coated Steel	-	-	-	-
	A. Cement Mortar Lined and Coated Steel Pipe (T=0.188" Min, Lining=0.500", Mortar Coating=1.000" Min) with purple poly wrap.	12,700	LF	\$0.00	\$0.00
	B. Ductile Iron Pipe (Pressure Class 200) with purple poly wrap.	12,700	LF	\$113.70	\$1,444,000.00
3	Install 24-inch ID Recycled Water Pipe Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	12,660	LF	\$70.00	\$886,200.00
4	Furnish and Install 36-inch ID Steel Casing (0.500" min wall thickness) including installing 24-inch Piping, Fittings, Spacers, Blown Sand, plans and permits, Complete per Plan at Crossing Over MWD Pipeline Near Magnolia and Monroe Intersection.	40	LF	\$500.00	\$20,000.00
5	Furnish 12-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings with Recycled Water Marking Tape and purple poly wrap.	70	LF	\$60.00	\$4,200.00
6	Install 12-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	70	LF	\$45.00	\$3,150.00
7	Furnish 12-inch Ductile Iron Potable Water Pipe (Pressure Class 350) and Fittings with poly wrap.	150	LF	\$110.00	\$16,500.00

8	Install 12-inch Ductile Iron Potable Water Pipe (Pressure Class 350) and Fittings Complete per Plan and CWD-040-1 and CWD-040-2.	150	LF	\$110.00	\$16,500.00
9	Furnish 8-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings with Recycled Water Marking Tape and purple poly wrap.	2,000	LF	\$85.00	\$170,000.00
10	Install 8-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	2,000	LF	\$60.00	\$120,000.00
11	Furnish 8-inch TR-FLEX Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings with purple poly wrap.	100	LF	\$160.00	\$16,000.00
12	Furnish and Install (Bore and Jack) of 16-inch ID Steel Casing (0.375" min wall thickness) including installing 8-inch Piping, Fittings, Spacers, Blown Sand, Excavate Bore and Receiving Pits including Shoring, plans and permits, and dewatering. Complete per Plan Under Union Pacific Railroad at Central Avenue.	100	LF	\$750.00	\$75,000.00
13	Furnish and Install Field Fabricated Fittings, including all material, labor, incidentals, for 24-inch ID Recycled Water Steel Pipe (T=0.188" Min.) for Field Fabrication of Bends or Offsets Where Necessary. (ALL BENDS AND OFFSETS FOR DUCTILE IRON PIPE SHALL BE INCLUDED IN BID ITEMS FOR FURNISH AND INSTALLATION OF PIPE AT NO ADDITIONAL COST. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM)	20	EA	\$0.00	\$0.00
14	Furnish and Install 2,110 Gallon Bladder Surge Tank Assembly, Including Tank Foundation and Anchorage Design, 12" Tank Outlet Pipe, Fittings and Appurtenances and Connection to Existing 36" Steel CML&C Pipe.	1	LS	\$145,000.00	\$145,000.00
15	Furnish and Install 4-inch Combination Air and Vacuum Valve per CWD-460RW.	10	EA	\$8,500.00	\$85,000.00
16	Furnish and Install 2-inch Combination Air and Vacuum Valve per CWD-451RW.	2	EA	\$5,000.00	\$10,000.00
17	Furnish and Install 4-inch Combination Air and Vacuum Valve With 6-inch Bypass per Detail "J" on Sheet 21.	3	EA	\$16,000.00	\$48,000.00
18	Furnish and Install 8-inch Blow-Off per CWD-410RW-B.	13	EA	\$9,000.00	\$117,000.00
19	Furnish and Install 8" Temporary Blow-off Assembly per CWD-414RW For Pressure Testing and Chlorination.	3	EA	\$9,000.00	\$27,000.00
20	Furnish and Install 2-inch Blow-Off (End of Pipe) per CWD-411RW-B.	1	EA	\$6,000.00	\$6,000.00
21	Furnish and Install Temporary 2-inch Blow-Off per CWD 412RW For Pressure Testing and Chlorination.	3	EA	\$4,000.00	\$12,000.00
22	Furnish and Install 8" Temporary Blow-off Assembly (Not Shown in Plan) per CWD-414RW For Pressure Testing and Chlorination.	8	EA	\$9,300.00	\$74,400.00
23	Furnish and Install Temporary 2-inch Blow-Off (Not Shown in Plan) per CWD 412RW For Pressure Testing and Chlorination.	2	EA	\$6,000.00	\$12,000.00
24	Furnish and Install 24-inch Butterfly Valve per CWD-510RW.	7	EA	\$15,000.00	\$105,000.00
25	Furnish and Install 24-inch Manway per CWD-350RW. (These Manways are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	8	EA	\$15,000.00	\$120,000.00
26	Furnish and Install Manhole per CWD-816RW (These Manholes are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	8	EA	\$10,000.00	\$80,000.00
27	Furnish and Install 8-inch Gate Valve per CWD-500RW.	4	EA	\$3,500.00	\$14,000.00
28	Furnish and Install 12-inch Gate Valve per CWD-500RW.	2	EA	\$5,000.00	\$10,000.00

29	Furnish and Install 12-inch Potable Water Gate Valve per CWD-500.	1	EA	\$5,000.00	\$5,000.00
30	Furnish and Install Temporary Water Sampler per CWD-432RW.	28	EA	\$3,000.00	\$84,000.00
31	Furnish and Install Flange Insulation and Test Lead per CWD-923. (THIS ITEM IS NOT REQUIRED FOR DUCTILE IRON PIPE. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	9	EA	\$0.00	\$0.00
32	Connect to Existing 24-inch Recycled Water Line on Van Buren by Cut-in, Furnish and Install a 24" X 24" Crotch Plate Tee.	1	EA	\$50,000.00	\$50,000.00
33	Connect to Existing 12-inch Recycled Water Line. Furnish and Install Connection per Detail B on Sheet 3.	1	EA	\$25,000.00	\$25,000.00
34	Furnish Materials for 36" Potable Water Connection and Complete Installation Per Detail D on Sheet 21.	1	EA	\$20,000.00	\$20,000.00
35	Furnish and Install 2-inch Diameter Recycled Water Service For 1-inch Diameter Meter on 24-inch Main per CWD-601RW.	2	EA	\$5,000.00	\$10,000.00
36	Furnish and Install 4-inch Diameter Recycled Water Service For 2-inch meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD-601RW.	5	EA	\$8,000.00	\$40,000.00
37	Furnish and Install 4-inch Diameter Recycled Water Service For 3-inch Meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD-620RW-1 & 2.	4	EA	\$16,500.00	\$66,000.00
38	Furnish and Install 6-inch Diameter Recycled Water Service For 6-inch Meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD-620RW-1 & 2.	1	EA	\$18,000.00	\$18,000.00
39	Furnish and Install 8-inch Diameter Recycled Water Service For 8-Inch Meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD620RW-1 & 2. Vault per CWD 801RW-1 & 2.	2	EA	\$26,000.00	\$52,000.00
40	Furnish and Install 24-inch Utility Conflict Offset (4 X 45 degree bends and Required Piping) Per "Typical Utility Crossing" Detail on Sheet 22. (These Offsets are for Unforeseen Utility Conflicts for the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	4	EA	\$17,000.00	\$68,000.00
41	Furnish and Install Potable to Recycled Water Emergency Connection Assembly, Including Piping, Pipe Appurtenances, Manholes, Concrete Pad, Ground Surface Restoration, Irrigation Repair and All Other Works as Shown per Plan.	1	EA	\$15,000.00	\$15,000.00
42	Furnish and Install 24-inch Buttstrap Per CWD-220RW.	4	EA	\$8,000.00	\$32,000.00
43	Bracing Excavation for Recycled Water and Water Lines.	15,400	LF	\$12.00	\$184,800.00
44	Pipe Pressure Testing (including water).	1	LS	\$75,000.00	\$75,000.00
45	Pipe Flushing (including water).	1	LS	\$45,000.00	\$45,000.00
46	Relocate Existing Sewer Lateral.	42	EA	\$4,000.00	\$168,000.00
47	Cut and Plug, and Remove and Dispose Abandoned 18-inch Irrigation Pipe and Manholes as Indicated per Plan.	1,200	LF	\$60.00	\$72,000.00
48	Cut and Plug, and Remove and Dispose Abandoned 20-inch Sewer Pipe and Manholes as Indicated per Plan.	850	LF	\$40.00	\$34,000.00
49	Cut and Plug, and Remove and Dispose Abandoned 18-inch Storm Drain as Indicated per Plan.	70	LF	\$30.00	\$2,100.00
50	Sewer Main Interior Inspection Video or other means to Identify Sewer Lateral Locations.	1	LS	\$15,000.00	\$15,000.00
51	Chlorination and Sanitary Samples (including water), dispose of Chlorinated Water.	1	LS	\$45,000.00	\$45,000.00
52	CML&C Steel Pipeline Interior Video Inspection. (INTERIOR VIDEO INSPECTION OF DUCTILE IRON PIPE IS NOT REQUIRED. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	1	LS	\$0.00	\$0.00
53	Furnish and Install Temporary Paving (3" Min.), including periodic maintenance necessary to sustain a smooth driving surface at all times.	15,400	LF	\$25.00	\$385,000.00

54	Furnish and Install Permanent Pavement, Including Full Structural Section, per City of Riverside, Public Works Department Std. Dwg. 453. Includes the Area of Work by City Forces. (See Street Improvement Plans for Structural Section).	15,400	LF	\$55.00	\$847,000.00
55	Trench Dewatering.	1	LS	\$75,000.00	\$75,000.00
56	Traffic Loop Replacement. The Entire Detector Loop System Shall be Replaced to the Pull box. It is assumed that the loop system at each signalized intersection will be replaced twice, once after base paving and once after final paving.	14	EA	\$1,000.00	\$14,000.00
57	Traffic Striping, for Base Paving and Final Paving.	1	LS	\$48,000.00	\$48,000.00
58	Bedrock Removal.	5,000	LF	\$50.00	\$250,000.00
59	Adjust Valve Can Lids to Sit Flush With the Finished Pavement Surface.	1	LS	\$25,000.00	\$25,000.00
60	Traffic Control for Recycled Water Improvement Items. Includes Traffic Control for Construction Staking by City Survey Crew.	1	LS	\$275,000.00	\$275,000.00
61	Furnish and Install Portable Changeable Message Sign.	6	EA	\$12,000.00	\$72,000.00
62	Storm Water Pollution Prevention Control Plan (SWPPP) and Best Management Practices (BMPs).	1	LS	\$55,000.00	\$55,000.00
				Bid Schedule A Total	\$7,006,850.00

"Schedule B" - From STA 226+97 to STA 252+40

-	Note: All items subject to any special notes or footnotes appearing on this Engineer's estimate included with the bid documents.	-	-	-	-
-	Note: The Contract lump sum or unit price for each Contract Bid Item shall include full compensation for all labor, materials, tools, taxes, profit, overhead, incidentals and appurtenant work necessary for performing and completing the work of the Contract Bid Item as required by the Project Plans, Specifications, Special Provisions and other Contract Documents. Such compensation shall also include or take into consideration any additional provisions or conditions specifically stated immediately following the Contract Bid Item.	-	-	-	-
-	Note: In the absence of a specific bid item or specific payment provisions for any portion of the work required by the Contract Documents, the bidder shall include the bidder's compensation for that portion of the Contract work in the Contract unit price(s) and/or lump sum price(s) of the bid item(s) that require such work, or are closely related to such work. Therefore, no separate or additional payment will be made to the Contractor for any such work on the premise that such work lacks specific bid item(s) or specific payment provisions.	-	-	-	-
63	Clearing and Grubbing including Mobilization/Demolition, Dust Control, Construction Water and Site Cleanup. BID PRICE FOR THIS ITEM SHALL NOT EXCEED 3 PERCENT OF THE TOTAL OF ALL BID ITEMS FOR BID SCHEDULE B, LESS THIS ITEM.	1	LS	\$41,000.00	\$41,000.00
64	Furnish 24-inch ID Recycled Water Pipe with Recycled Water Marking Tape. Bid one of the two alternatives listed below (ENTER A ZERO IN THE ALTERNATIVE NOT BIDDING ON):	-	-	-	-
	A. Cement Mortar Lined and Coated Steel Pipe (T=0.188" Min, Lining=0.500", Mortar Coating=1.000" Min) with purple poly wrap.	2,200	LF	\$0.00	\$0.00
	B. Ductile Iron Pipe (Pressure Class 200) with purple poly wrap.	2,200	LF	\$110.91	\$244,000.00
65	Install 24-inch ID Recycled Water Pipe Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	1,840	LF	\$70.00	\$128,800.00
66	Furnish and Install 36-inch ID Steel Casing (0.500" min wall thickness) including installing 24-inch Piping, Fittings, Spacers, Blown Sand, plans and permits, Complete per Plan at Crossings Under 91 Freeway, Under BNSF Railroad Bridge and Over Sewer Pipeline on Monroe Street.	360	LF	\$1,000.00	\$360,000.00

67	Furnish 24-inch TR-FLEX Ductile Iron Recycled Water Pipe (Pressure Class 200) and Fittings with purple poly wrap.	380	LF	\$200.00	\$76,000.00
68	Install 24-inch Ductile Iron TR-FLEX Recycled Water Pipe (Pressure Class 200) Through Abandoned 48-Inch "Techite" Pipe and Grout Annular Space Between The Two Pipes With CLSM Material.	380	LF	\$350.00	\$133,000.00
69	Furnish and Install Field Fabricated Fittings, including all material, labor, incidentals, for 24-inch ID Recycled Water Steel Pipe (T=0.188" Min.) for Field Fabrication of Bends or Offsets Where Necessary. (ALL BENDS AND OFFSETS FOR DUCTILE IRON PIPE SHALL BE INCLUDED IN BID ITEMS FOR FURNISH AND INSTALLATION OF PIPE WITH NO ADDITIONAL COMPENSATION. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM)	6	EA	\$0.00	\$0.00
70	Furnish and Install 4-inch Combination Air and Vacuum Valve per CWD-460RW.	2	EA	\$18,000.00	\$36,000.00
71	Furnish and Install 4-inch Combination Air and Vacuum Valve With 6-inch Bypass per Detail "J" on Sheet 21.	2	EA	\$16,000.00	\$32,000.00
72	Furnish and Install 8-inch Blow-Off (End of Pipe) per Detail "G", Sheet 21	1	EA	\$9,000.00	\$9,000.00
73	Furnish and Install 8-inch Blow-Off per CWD-410RW-B.	3	EA	\$9,500.00	\$28,500.00
74	Furnish and Install 8-Inch Temporary Blow-off per CWD-414RW For Pressure Testing and Disinfection.	1	EA	\$9,000.00	\$9,000.00
75	Furnish and Install 8-Inch Temporary Blow-off (Not Shown in Plan) per CWD-414RW For Pressure Testing and Disinfection.	6	EA	\$9,000.00	\$54,000.00
76	Furnish and Install 24-inch Butterfly Valve per CWD-510RW.	2	EA	\$15,000.00	\$30,000.00
77	Furnish and Install 24-inch Manway per CWD-350RW. (These Manways are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	1	EA	\$15,000.00	\$15,000.00
78	Furnish and Install Manhole per CWD-816RW (These Manholes are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	1	EA	\$15,000.00	\$15,000.00
79	Furnish and Install Temporary Water Sampler per CWD-432RW.	4	EA	\$4,000.00	\$16,000.00
80	Cut and Plug, and Remove and Dispose Abandoned 18-inch Irrigation Pipe and Manholes per Plan.	450	LF	\$50.00	\$22,500.00
81	Furnish and Install 24-inch Utility Conflict Offset (4 X 45 degree bends and Required Piping) Per "Typical Utility Crossing" Detail on Sheet 22. (These Offsets are for Unforeseen Utility Conflicts for the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	2	EA	\$25,000.00	\$50,000.00
82	Bracing Excavation for Recycled Water Lines.	2,400	LF	\$15.00	\$36,000.00
83	Pipe Pressure Testing (including water).	1	LS	\$9,000.00	\$9,000.00
84	Pipe Flushing (including water).	1	LS	\$4,500.00	\$4,500.00
85	Relocate Existing Sewer Lateral.	8	EA	\$4,000.00	\$32,000.00
86	Sewer Main Interior Inspection Video or other means to Identify Sewer Lateral Locations.	1	LS	\$9,500.00	\$9,500.00
87	Furnish and Install Flange Insulation and Test Lead per CWD-923. (THIS ITEM IS NOT REQUIRED FOR DUCTILE IRON PIPE. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	2	EA	\$0.00	\$0.00
88	CML&C Steel Pipeline Interior Video Inspection. (INTERIOR VIDEO INSPECTION OF DUCTILE IRON PIPE IS NOT REQUIRED. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	1	LS	\$0.00	\$0.00
89	Furnish and Install Temporary Paving (3" Min.), including periodic maintenance necessary to sustain a smooth driving surface at all times.	2,400	LF	\$15.00	\$36,000.00

90	Furnish and Install Permanent Pavement, Including Full Structural Section, per City of Riverside, Public Works Department Std. Dwg. 453. Includes the Area of Work by City Forces. (See Street Improvement Plans for Structural Section).	2,400	LF	\$55.00	\$132,000.00
91	Trench Dewatering.	1	LS	\$20,000.00	\$20,000.00
92	Adjust Valve Can Lids to Sit Flush With the Finished Pavement Surface.	1	LS	\$8,000.00	\$8,000.00
93	Traffic Control for Recycled Water Improvement Items, Includes Traffic Control for Construction Staking by City Survey Crew.	1	LS	\$55,000.00	\$55,000.00
94	Traffic Loop Replacement, including detector card. The Entire Detector Loop System Shall be Replaced to the Signal Panel. It is assumed that the loop system at each signalized intersection will be replaced twice, once after base paving and once after final paving.	2	EA	\$900.00	\$1,800.00
95	Traffic Striping.	1	LS	\$7,500.00	\$7,500.00
96	Furnish and Install Portable Changeable Message Sign.	2	EA	\$10,000.00	\$20,000.00
97	Storm Water Pollution Prevention Control Plan (SWPPP) and Best Management Practices (BMPs).	1	LS	\$20,000.00	\$20,000.00
				Bid Schedule B Total	\$1,691,100.00

"Schedule C" - Slurry Grout Abandoned 48" and 42" Techite Pipe

-	Note: All items subject to any special notes or footnotes appearing on this Engineer's estimate included with the bid documents.	-	-	-	-
-	Note: The Contract lump sum or unit price for each Contract Bid Item shall include full compensation for all labor, materials, tools, taxes, profit, overhead, incidentals and appurtenant work necessary for performing and completing the work of the Contract Bid Item as required by the Project Plans, Specifications, Special Provisions and other Contract Documents. Such compensation shall also include or take into consideration any additional provisions or conditions specifically stated immediately following the Contract Bid Item.	-	-	-	-
-	Note: In the absence of a specific bid item or specific payment provisions for any portion of the work required by the Contract Documents, the bidder shall include the bidder's compensation for that portion of the Contract work in the Contract unit price(s) and/or lump sum price(s) of the bid item(s) that require such work, or are closely related to such work. Therefore, no separate or additional payment will be made to the Contractor for any such work on the premise that such work lacks specific bid item(s) or specific payment provisions.	-	-	-	-
98	Clearing and Grubbing including Mobilization/Demolition, Dust Control, Construction Water and Site Cleanup. BID PRICE FOR THIS ITEM SHALL NOT EXCEED 3 PERCENT OF THE TOTAL OF ALL BID ITEMS FOR BID SCHEDULE C, LESS THIS ITEM.	1	LS	\$11,000.00	\$11,000.00
99	Pressure Grout Abandoned 48-inch and 42-inch Techite Pipe on Monroe Street from Lincoln Avenue to California Avenue.	8,300	LF	\$20.00	\$166,000.00
100	Excavate and Backfill Pit for Pipe Grouting.	12	EA	\$7,500.00	\$90,000.00
101	Furnish and Install Temporary Paving (3" Min.) for Each Excavated Pit, including periodic maintenance necessary to sustain a smooth driving surface at all times.	12	EA	\$2,500.00	\$30,000.00
102	Furnish and install 12-inch Class 2 Crushed Aggregate Base Material.	1	LS	\$6,500.00	\$6,500.00
103	Furnish and Install 7-Inches Thick Pavement For Each Excavated Pit, Including Full Structural Section, per City of Riverside, Public Works Department Std. Dwg. 453. Includes the Area of Work by City Forces. (See Street Improvement Plans for Structural Section).	12	EA	\$1,500.00	\$18,000.00
104	Trench Dewatering.	1	LS	\$6,500.00	\$6,500.00
105	Traffic Control, Includes Traffic Control for Construction Staking by City Survey Crew.	1	LS	\$25,000.00	\$25,000.00
106	Storm Water Pollution Prevention Control Plan (SWPPP) and Best Management Practices (BMPs).	1	LS	\$5,000.00	\$5,000.00

Bid Schedule C Total	\$358,000.00
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Subcontractor Information			
Subcontractor Name	Location	Portion	Amount
All American Paving	Corona, CA	Paving	\$307,100.00
Golden State Boring	Chino, CA	Boring/sand.	\$160,000.00
Cell-Crete	Monrovia, CA	Cell-Grouting	\$160,000.00
CTI	Riverside, CA	Striping	\$27,000.00
Underground Manholes	San Bernardino, CA	Manholes	\$20,000.00

BID RESULTS

City of Riverside
Finance Dept./Purchasing

Due Date	5/25/2016	Bid No.	RPU-7377
Before	3:30pm	Estimate	\$8,500,000.00

Bid Description

Jackson Street 24-Inch Recycled Water Pipeline Project Phase 1

Bidder

Vido Artukovich & Son, Inc./Vidmar, Inc. A JV

Item No.	Item Description	Qty	Unit	Unit Price	Ext. Price
"Schedule A" - From STA 100+00 to STA 226+97, and Central Avenue					
-	Note: All items subject to any special notes or footnotes appearing on this Engineer's estimate included with the bid documents.	-	-	-	-
-	Note: The Contract lump sum or unit price for each Contract Bid Item shall include full compensation for all labor, materials, tools, taxes, profit, overhead, incidentals and appurtenant work necessary for performing and completing the work of the Contract Bid Item as required by the Project Plans, Specifications, Special Provisions and other Contract Documents. Such compensation shall also include or take into consideration any additional provisions or conditions specifically stated immediately following the Contract Bid Item.	-	-	-	-
-	Note: In the absence of a specific bid item or specific payment provisions for any portion of the work required by the Contract Documents, the bidder shall include the bidder's compensation for that portion of the Contract work in the Contract unit price(s) and/or lump sum price(s) of the bid item(s) that require such work, or are closely related to such work. Therefore, no separate or additional payment will be made to the Contractor for any such work on the premise that such work lacks specific bid item(s) or specific payment provisions.	-	-	-	-
1	Clearing and Grubbing including Mobilization/Demolition, Dust Control, Construction Water and Site Cleanup. BID PRICE FOR THIS ITEM SHALL NOT EXCEED 3 PERCENT OF THE TOTAL OF ALL BID ITEMS FOR BID SCHEDULE A, LESS THIS ITEM.	1	LS	\$226,000.00	\$226,000.00
2	Furnish 24-inch ID Recycled Water Pipe with Recycled Water Marking Tape. Bid one of the two alternatives listed below (ENTER A ZERO IN THE ALTERNATIVE NOT BIDDING ON): 0 0 0 0 A. Cement Mortar Lined and Coated Steel	-	-	-	-
	A. Cement Mortar Lined and Coated Steel Pipe (T=0.188" Min, Lining=0.500", Mortar Coating=1.000" Min) with purple poly wrap.	12,700	LF	\$0.00	\$0.00
	B. Ductile Iron Pipe (Pressure Class 200) with purple poly wrap.	12,700	LF	\$95.00	\$1,206,500.00
3	Install 24-inch ID Recycled Water Pipe Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	12,660	LF	\$156.00	\$1,974,960.00
4	Furnish and Install 36-inch ID Steel Casing (0.500" min wall thickness) including installing 24-inch Piping, Fittings, Spacers, Blown Sand, plans and permits, Complete per Plan at Crossing Over MWD Pipeline Near Magnolia and Monroe Intersection.	40	LF	\$575.00	\$23,000.00
5	Furnish 12-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings with Recycled Water Marking Tape and purple poly wrap.	70	LF	\$20.00	\$1,400.00
6	Install 12-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	70	LF	\$135.00	\$9,450.00
7	Furnish 12-inch Ductile Iron Potable Water Pipe (Pressure Class 350) and Fittings with poly wrap.	150	LF	\$20.00	\$3,000.00

8	Install 12-inch Ductile Iron Potable Water Pipe (Pressure Class 350) and Fittings Complete per Plan and CWD-040-1 and CWD-040-2.	150	LF	\$135.00	\$20,250.00
9	Furnish 8-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings with Recycled Water Marking Tape and purple poly wrap.	2,000	LF	\$22.00	\$44,000.00
10	Install 8-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	2,000	LF	\$127.00	\$254,000.00
11	Furnish 8-inch TR-FLEX Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings with purple poly wrap.	100	LF	\$42.00	\$4,200.00
12	Furnish and Install (Bore and Jack) of 16-inch ID Steel Casing (0.375" min wall thickness) including installing 8-inch Piping, Fittings, Spacers, Blown Sand, Excavate Bore and Receiving Pits including Shoring, plans and permits, and dewatering. Complete per Plan Under Union Pacific Railroad at Central Avenue.	100	LF	\$990.00	\$99,000.00
13	Furnish and Install Field Fabricated Fittings, including all material, labor, incidentals, for 24-inch ID Recycled Water Steel Pipe (T=0.188" Min.) for Field Fabrication of Bends or Offsets Where Necessary. (ALL BENDS AND OFFSETS FOR DUCTILE IRON PIPE SHALL BE INCLUDED IN BID ITEMS FOR FURNISH AND INSTALLATION OF PIPE AT NO ADDITIONAL COST. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM)	20	EA	\$0.00	\$0.00
14	Furnish and Install 2,110 Gallon Bladder Surge Tank Assembly, Including Tank Foundation and Anchorage Design, 12" Tank Outlet Pipe, Fittings and Appurtenances and Connection to Existing 36" Steel CML&C Pipe.	1	LS	\$45,000.00	\$45,000.00
15	Furnish and Install 4-inch Combination Air and Vacuum Valve per CWD-460RW.	10	EA	\$9,600.00	\$96,000.00
16	Furnish and Install 2-inch Combination Air and Vacuum Valve per CWD-451RW.	2	EA	\$7,500.00	\$15,000.00
17	Furnish and Install 4-inch Combination Air and Vacuum Valve With 6-inch Bypass per Detail "J" on Sheet 21.	3	EA	\$27,000.00	\$81,000.00
18	Furnish and Install 8-inch Blow-Off per CWD-410RW-B.	13	EA	\$13,500.00	\$175,500.00
19	Furnish and Install 8" Temporary Blow-off Assembly per CWD-414RW For Pressure Testing and Chlorination.	3	EA	\$7,500.00	\$22,500.00
20	Furnish and Install 2-inch Blow-Off (End of Pipe) per CWD-411RW-B.	1	EA	\$2,000.00	\$2,000.00
21	Furnish and Install Temporary 2-inch Blow-Off per CWD 412RW For Pressure Testing and Chlorination.	3	EA	\$2,400.00	\$7,200.00
22	Furnish and Install 8" Temporary Blow-off Assembly (Not Shown in Plan) per CWD-414RW For Pressure Testing and Chlorination.	8	EA	\$9,500.00	\$76,000.00
23	Furnish and Install Temporary 2-inch Blow-Off (Not Shown in Plan) per CWD 412RW For Pressure Testing and Chlorination.	2	EA	\$4,000.00	\$8,000.00
24	Furnish and Install 24-inch Butterfly Valve per CWD-510RW.	7	EA	\$9,100.00	\$63,700.00
25	Furnish and Install 24-inch Manway per CWD-350RW. (These Manways are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	8	EA	\$3,300.00	\$26,400.00
26	Furnish and Install Manhole per CWD-816RW (These Manholes are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	8	EA	\$2,500.00	\$20,000.00
27	Furnish and Install 8-inch Gate Valve per CWD-500RW.	4	EA	\$1,800.00	\$7,200.00
28	Furnish and Install 12-inch Gate Valve per CWD-500RW.	2	EA	\$2,700.00	\$5,400.00

29	Furnish and Install 12-inch Potable Water Gate Valve per CWD-500.	1	EA	\$2,700.00	\$2,700.00
30	Furnish and Install Temporary Water Sampler per CWD-432RW.	28	EA	\$2,700.00	\$75,600.00
31	Furnish and Install Flange Insulation and Test Lead per CWD-923. (THIS ITEM IS NOT REQUIRED FOR DUCTILE IRON PIPE. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	9	EA	\$0.00	\$0.00
32	Connect to Existing 24-inch Recycled Water Line on Van Buren by Cut-in, Furnish and Install a 24" X 24" Crotch Plate Tee.	1	EA	\$36,000.00	\$36,000.00
33	Connect to Existing 12-inch Recycled Water Line. Furnish and Install Connection per Detail B on Sheet 3.	1	EA	\$8,000.00	\$8,000.00
34	Furnish Materials for 36" Potable Water Connection and Complete Installation Per Detail D on Sheet 21.	1	EA	\$11,000.00	\$11,000.00
35	Furnish and Install 2-inch Diameter Recycled Water Service For 1-inch Diameter Meter on 24-inch Main per CWD-601RW.	2	EA	\$8,100.00	\$16,200.00
36	Furnish and Install 4-inch Diameter Recycled Water Service For 2-inch meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD-601RW.	5	EA	\$12,500.00	\$62,500.00
37	Furnish and Install 4-inch Diameter Recycled Water Service For 3-inch Meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD-620RW-1 & 2.	4	EA	\$28,000.00	\$112,000.00
38	Furnish and Install 6-inch Diameter Recycled Water Service For 6-inch Meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD-620RW-1 & 2.	1	EA	\$34,000.00	\$34,000.00
39	Furnish and Install 8-inch Diameter Recycled Water Service For 8-Inch Meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD620RW-1 & 2. Vault per CWD 801RW-1 & 2.	2	EA	\$33,000.00	\$66,000.00
40	Furnish and Install 24-inch Utility Conflict Offset (4 X 45 degree bends and Required Piping) Per "Typical Utility Crossing" Detail on Sheet 22. (These Offsets are for Unforeseen Utility Conflicts for the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	4	EA	\$7,000.00	\$28,000.00
41	Furnish and Install Potable to Recycled Water Emergency Connection Assembly, Including Piping, Pipe Appurtenances, Manholes, Concrete Pad, Ground Surface Restoration, Irrigation Repair and All Other Works as Shown per Plan.	1	EA	\$40,000.00	\$40,000.00
42	Furnish and Install 24-inch Buttstrap Per CWD-220RW.	4	EA	\$2,400.00	\$9,600.00
43	Bracing Excavation for Recycled Water and Water Lines.	15,400	LF	\$7.00	\$107,800.00
44	Pipe Pressure Testing (including water).	1	LS	\$25,000.00	\$25,000.00
45	Pipe Flushing (including water).	1	LS	\$15,000.00	\$15,000.00
46	Relocate Existing Sewer Lateral.	42	EA	\$1,500.00	\$63,000.00
47	Cut and Plug, and Remove and Dispose Abandoned 18-inch Irrigation Pipe and Manholes as Indicated per Plan.	1,200	LF	\$22.00	\$26,400.00
48	Cut and Plug, and Remove and Dispose Abandoned 20-inch Sewer Pipe and Manholes as Indicated per Plan.	850	LF	\$25.00	\$21,250.00
49	Cut and Plug, and Remove and Dispose Abandoned 18-inch Storm Drain as Indicated per Plan.	70	LF	\$22.00	\$1,540.00
50	Sewer Main Interior Inspection Video or other means to Identify Sewer Lateral Locations.	1	LS	\$35,000.00	\$35,000.00
51	Chlorination and Sanitary Samples (including water), dispose of Chlorinated Water.	1	LS	\$26,000.00	\$26,000.00
52	CML&C Steel Pipeline Interior Video Inspection. (INTERIOR VIDEO INSPECTION OF DUCTILE IRON PIPE IS NOT REQUIRED. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	1	LS	\$0.00	\$0.00
53	Furnish and Install Temporary Paving (3" Min.), including periodic maintenance necessary to sustain a smooth driving surface at all times.	15,400	LF	\$12.00	\$184,800.00

54	Furnish and Install Permanent Pavement, Including Full Structural Section, per City of Riverside, Public Works Department Std. Dwg. 453. Includes the Area of Work by City Forces. (See Street Improvement Plans for Structural Section).	15,400	LF	\$95.00	\$1,463,000.00
55	Trench Dewatering.	1	LS	\$5,000.00	\$5,000.00
56	Traffic Loop Replacement. The Entire Detector Loop System Shall be Replaced to the Pull box. It is assumed that the loop system at each signalized intersection will be replaced twice, once after base paving and once after final paving.	14	EA	\$5,200.00	\$72,800.00
57	Traffic Striping, for Base Paving and Final Paving.	1	LS	\$50,000.00	\$50,000.00
58	Bedrock Removal.	5,000	LF	\$20.00	\$100,000.00
59	Adjust Valve Can Lids to Sit Flush With the Finished Pavement Surface.	1	LS	\$1,500.00	\$1,500.00
60	Traffic Control for Recycled Water Improvement Items. Includes Traffic Control for Construction Staking by City Survey Crew.	1	LS	\$170,000.00	\$170,000.00
61	Furnish and Install Portable Changeable Message Sign.	6	EA	\$6,100.00	\$36,600.00
62	Storm Water Pollution Prevention Control Plan (SWPPP) and Best Management Practices (BMPs).	1	LS	\$20,000.00	\$20,000.00
				Bid Schedule A Total	\$7,442,950.00

"Schedule B" - From STA 226+97 to STA 252+40

-	Note: All items subject to any special notes or footnotes appearing on this Engineer's estimate included with the bid documents.	-	-	-	-
-	Note: The Contract lump sum or unit price for each Contract Bid Item shall include full compensation for all labor, materials, tools, taxes, profit, overhead, incidentals and appurtenant work necessary for performing and completing the work of the Contract Bid Item as required by the Project Plans, Specifications, Special Provisions and other Contract Documents. Such compensation shall also include or take into consideration any additional provisions or conditions specifically stated immediately following the Contract Bid Item.	-	-	-	-
-	Note: In the absence of a specific bid item or specific payment provisions for any portion of the work required by the Contract Documents, the bidder shall include the bidder's compensation for that portion of the Contract work in the Contract unit price(s) and/or lump sum price(s) of the bid item(s) that require such work, or are closely related to such work. Therefore, no separate or additional payment will be made to the Contractor for any such work on the premise that such work lacks specific bid item(s) or specific payment provisions.	-	-	-	-
63	Clearing and Grubbing including Mobilization/Demolition, Dust Control, Construction Water and Site Cleanup. BID PRICE FOR THIS ITEM SHALL NOT EXCEED 3 PERCENT OF THE TOTAL OF ALL BID ITEMS FOR BID SCHEDULE B, LESS THIS ITEM.	1	LS	\$68,000.00	\$68,000.00
64	Furnish 24-inch ID Recycled Water Pipe with Recycled Water Marking Tape. Bid one of the two alternatives listed below (ENTER A ZERO IN THE ALTERNATIVE NOT BIDDING ON):	-	-	-	-
	A. Cement Mortar Lined and Coated Steel Pipe (T=0.188" Min, Lining=0.500", Mortar Coating=1.000" Min) with purple poly wrap.	2,200	LF	\$0.00	\$0.00
	B. Ductile Iron Pipe (Pressure Class 200) with purple poly wrap.	2,200	LF	\$75.00	\$165,000.00
65	Install 24-inch ID Recycled Water Pipe Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	1,840	LF	\$491.00	\$903,440.00
66	Furnish and Install 36-inch ID Steel Casing (0.500" min wall thickness) including installing 24-inch Piping, Fittings, Spacers, Blown Sand, plans and permits, Complete per Plan at Crossings Under 91 Freeway, Under BNSF Railroad Bridge and Over Sewer Pipeline on Monroe Street.	360	LF	\$730.00	\$262,800.00

67	Furnish 24-inch TR-FLEX Ductile Iron Recycled Water Pipe (Pressure Class 200) and Fittings with purple poly wrap.	380	LF	\$110.00	\$41,800.00
68	Install 24-inch Ductile Iron TR-FLEX Recycled Water Pipe (Pressure Class 200) Through Abandoned 48-Inch "Techite" Pipe and Grout Annular Space Between The Two Pipes With CLSM Material.	380	LF	\$390.00	\$148,200.00
69	Furnish and Install Field Fabricated Fittings, including all material, labor, incidentals, for 24-inch ID Recycled Water Steel Pipe (T=0.188" Min.) for Field Fabrication of Bends or Offsets Where Necessary. (ALL BENDS AND OFFSETS FOR DUCTILE IRON PIPE SHALL BE INCLUDED IN BID ITEMS FOR FURNISH AND INSTALLATION OF PIPE WITH NO ADDITIONAL COMPENSATION. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM)	6	EA	\$0.00	\$0.00
70	Furnish and Install 4-inch Combination Air and Vacuum Valve per CWD-460RW.	2	EA	\$12,000.00	\$24,000.00
71	Furnish and Install 4-inch Combination Air and Vacuum Valve With 6-inch Bypass per Detail "J" on Sheet 21.	2	EA	\$18,000.00	\$36,000.00
72	Furnish and Install 8-inch Blow-Off (End of Pipe) per Detail "G", Sheet 21	1	EA	\$13,000.00	\$13,000.00
73	Furnish and Install 8-inch Blow-Off per CWD-410RW-B.	3	EA	\$15,000.00	\$45,000.00
74	Furnish and Install 8-Inch Temporary Blow-off per CWD-414RW For Pressure Testing and Disinfection.	1	EA	\$17,000.00	\$17,000.00
75	Furnish and Install 8-Inch Temporary Blow-off (Not Shown in Plan) per CWD-414RW For Pressure Testing and Disinfection.	6	EA	\$10,000.00	\$60,000.00
76	Furnish and Install 24-inch Butterfly Valve per CWD-510RW.	2	EA	\$8,800.00	\$17,600.00
77	Furnish and Install 24-inch Manway per CWD-350RW. (These Manways are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	1	EA	\$4,000.00	\$4,000.00
78	Furnish and Install Manhole per CWD-816RW (These Manholes are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	1	EA	\$6,000.00	\$6,000.00
79	Furnish and Install Temporary Water Sampler per CWD-432RW.	4	EA	\$3,800.00	\$15,200.00
80	Cut and Plug, and Remove and Dispose Abandoned 18-inch Irrigation Pipe and Manholes per Plan.	450	LF	\$30.00	\$13,500.00
81	Furnish and Install 24-inch Utility Conflict Offset (4 X 45 degree bends and Required Piping) Per "Typical Utility Crossing" Detail on Sheet 22. (These Offsets are for Unforeseen Utility Conflicts for the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	2	EA	\$9,500.00	\$19,000.00
82	Bracing Excavation for Recycled Water Lines.	2,400	LF	\$10.00	\$24,000.00
83	Pipe Pressure Testing (including water).	1	LS	\$15,000.00	\$15,000.00
84	Pipe Flushing (including water).	1	LS	\$20,000.00	\$20,000.00
85	Relocate Existing Sewer Lateral.	8	EA	\$2,750.00	\$22,000.00
86	Sewer Main Interior Inspection Video or other means to Identify Sewer Lateral Locations.	1	LS	\$10,000.00	\$10,000.00
87	Furnish and Install Flange Insulation and Test Lead per CWD-923. (THIS ITEM IS NOT REQUIRED FOR DUCTILE IRON PIPE. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	2	EA	\$0.00	\$0.00
88	CML&C Steel Pipeline Interior Video Inspection. (INTERIOR VIDEO INSPECTION OF DUCTILE IRON PIPE IS NOT REQUIRED. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	1	LS	\$0.00	\$0.00
89	Furnish and Install Temporary Paving (3" Min.), including periodic maintenance necessary to sustain a smooth driving surface at all times.	2,400	LF	\$2.30	\$5,520.00

90	Furnish and Install Permanent Pavement, Including Full Structural Section, per City of Riverside, Public Works Department Std. Dwg. 453. Includes the Area of Work by City Forces. (See Street Improvement Plans for Structural Section).	2,400	LF	\$103.00	\$247,200.00
91	Trench Dewatering.	1	LS	\$100.00	\$100.00
92	Adjust Valve Can Lids to Sit Flush With the Finished Pavement Surface.	1	LS	\$2,000.00	\$2,000.00
93	Traffic Control for Recycled Water Improvement Items, Includes Traffic Control for Construction Staking by City Survey Crew.	1	LS	\$20,000.00	\$20,000.00
94	Traffic Loop Replacement, including detector card. The Entire Detector Loop System Shall be Replaced to the Signal Panel. It is assumed that the loop system at each signalized intersection will be replaced twice, once after base paving and once after final paving.	2	EA	\$9,700.00	\$19,400.00
95	Traffic Striping.	1	LS	\$14,000.00	\$14,000.00
96	Furnish and Install Portable Changeable Message Sign.	2	EA	\$4,000.00	\$8,000.00
97	Storm Water Pollution Prevention Control Plan (SWPPP) and Best Management Practices (BMPs).	1	LS	\$21,500.00	\$21,500.00
				Bid Schedule B Total	\$2,288,260.00

"Schedule C" - Slurry Grout Abandoned 48" and 42" Techite Pipe

-	Note: All items subject to any special notes or footnotes appearing on this Engineer's estimate included with the bid documents.	-	-	-	-
-	Note: The Contract lump sum or unit price for each Contract Bid Item shall include full compensation for all labor, materials, tools, taxes, profit, overhead, incidentals and appurtenant work necessary for performing and completing the work of the Contract Bid Item as required by the Project Plans, Specifications, Special Provisions and other Contract Documents. Such compensation shall also include or take into consideration any additional provisions or conditions specifically stated immediately following the Contract Bid Item.	-	-	-	-
-	Note: In the absence of a specific bid item or specific payment provisions for any portion of the work required by the Contract Documents, the bidder shall include the bidder's compensation for that portion of the Contract work in the Contract unit price(s) and/or lump sum price(s) of the bid item(s) that require such work, or are closely related to such work. Therefore, no separate or additional payment will be made to the Contractor for any such work on the premise that such work lacks specific bid item(s) or specific payment provisions.	-	-	-	-
98	Clearing and Grubbing including Mobilization/Demolition, Dust Control, Construction Water and Site Cleanup. BID PRICE FOR THIS ITEM SHALL NOT EXCEED 3 PERCENT OF THE TOTAL OF ALL BID ITEMS FOR BID SCHEDULE C, LESS THIS ITEM.	1	LS	\$27,000.00	\$27,000.00
99	Pressure Grout Abandoned 48-inch and 42-inch Techite Pipe on Monroe Street from Lincoln Avenue to California Avenue.	8,300	LF	\$25.00	\$207,500.00
100	Excavate and Backfill Pit for Pipe Grouting.	12	EA	\$45,000.00	\$540,000.00
101	Furnish and Install Temporary Paving (3" Min.) for Each Excavated Pit, including periodic maintenance necessary to sustain a smooth driving surface at all times.	12	EA	\$1,500.00	\$18,000.00
102	Furnish and install 12-inch Class 2 Crushed Aggregate Base Material.	1	LS	\$41,000.00	\$41,000.00
103	Furnish and Install 7-Inches Thick Pavement For Each Excavated Pit, Including Full Structural Section, per City of Riverside, Public Works Department Std. Dwg. 453. Includes the Area of Work by City Forces. (See Street Improvement Plans for Structural Section).	12	EA	\$3,400.00	\$40,800.00
104	Trench Dewatering.	1	LS	\$1,000.00	\$1,000.00
105	Traffic Control, Includes Traffic Control for Construction Staking by City Survey Crew.	1	LS	\$35,000.00	\$35,000.00
106	Storm Water Pollution Prevention Control Plan (SWPPP) and Best Management Practices (BMPs).	1	LS	\$10,000.00	\$10,000.00

Bid Schedule C Total	\$920,300.00
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Subcontractor Information			
Subcontractor Name	Location	Portion	Amount
Cell-Crete	Monrovia, CA	Grout	\$160,000.00
Pacific Boring	Caruthers, CA	Bore	\$129,000.00
All American Asphalt	Corona, CA	Cap/Seal	\$400,000.00

BID RESULTS

City of Riverside
Finance Dept./Purchasing

Due Date	5/25/2016	Bid No.	RPU-7377
Before	3:30pm	Estimate	\$8,500,000.00

Bid Description

Jackson Street 24-Inch Recycled Water Pipeline Project Phase 1

Bidder

Borden Excavating, Inc.

Item No.	Item Description	Qty	Unit	Unit Price	Ext. Price
"Schedule A" - From STA 100+00 to STA 226+97, and Central Avenue					
-	Note: All items subject to any special notes or footnotes appearing on this Engineer's estimate included with the bid documents.	-	-	-	-
-	Note: The Contract lump sum or unit price for each Contract Bid Item shall include full compensation for all labor, materials, tools, taxes, profit, overhead, incidentals and appurtenant work necessary for performing and completing the work of the Contract Bid Item as required by the Project Plans, Specifications, Special Provisions and other Contract Documents. Such compensation shall also include or take into consideration any additional provisions or conditions specifically stated immediately following the Contract Bid Item.	-	-	-	-
-	Note: In the absence of a specific bid item or specific payment provisions for any portion of the work required by the Contract Documents, the bidder shall include the bidder's compensation for that portion of the Contract work in the Contract unit price(s) and/or lump sum price(s) of the bid item(s) that require such work, or are closely related to such work. Therefore, no separate or additional payment will be made to the Contractor for any such work on the premise that such work lacks specific bid item(s) or specific payment provisions.	-	-	-	-
1	Clearing and Grubbing including Mobilization/Demolition, Dust Control, Construction Water and Site Cleanup. BID PRICE FOR THIS ITEM SHALL NOT EXCEED 3 PERCENT OF THE TOTAL OF ALL BID ITEMS FOR BID SCHEDULE A, LESS THIS ITEM.	1	LS	\$135,000.00	\$135,000.00
2	Furnish 24-inch ID Recycled Water Pipe with Recycled Water Marking Tape. Bid one of the two alternatives listed below (ENTER A ZERO IN THE ALTERNATIVE NOT BIDDING ON): 0 0 0 0 A. Cement Mortar Lined and Coated Steel	-	-	-	-
	A. Cement Mortar Lined and Coated Steel Pipe (T=0.188" Min, Lining=0.500", Mortar Coating=1.000" Min) with purple poly wrap.	12,700	LF	\$0.00	\$0.00
	B. Ductile Iron Pipe (Pressure Class 200) with purple poly wrap.	12,700	LF	\$100.00	\$1,270,000.00
3	Install 24-inch ID Recycled Water Pipe Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	12,660	LF	\$81.04	\$1,026,020.00
4	Furnish and Install 36-inch ID Steel Casing (0.500" min wall thickness) including installing 24-inch Piping, Fittings, Spacers, Blown Sand, plans and permits, Complete per Plan at Crossing Over MWD Pipeline Near Magnolia and Monroe Intersection.	40	LF	\$480.00	\$19,200.00
5	Furnish 12-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings with Recycled Water Marking Tape and purple poly wrap.	70	LF	\$45.00	\$3,150.00
6	Install 12-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	70	LF	\$76.00	\$5,320.00
7	Furnish 12-inch Ductile Iron Potable Water Pipe (Pressure Class 350) and Fittings with poly wrap.	150	LF	\$40.00	\$6,000.00

8	Install 12-inch Ductile Iron Potable Water Pipe (Pressure Class 350) and Fittings Complete per Plan and CWD-040-1 and CWD-040-2.	150	LF	\$71.00	\$10,650.00
9	Furnish 8-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings with Recycled Water Marking Tape and purple poly wrap.	2,000	LF	\$24.00	\$48,000.00
10	Install 8-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	2,000	LF	\$26.00	\$52,000.00
11	Furnish 8-inch TR-FLEX Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings with purple poly wrap.	100	LF	\$27.00	\$2,700.00
12	Furnish and Install (Bore and Jack) of 16-inch ID Steel Casing (0.375" min wall thickness) including installing 8-inch Piping, Fittings, Spacers, Blown Sand, Excavate Bore and Receiving Pits including Shoring, plans and permits, and dewatering. Complete per Plan Under Union Pacific Railroad at Central Avenue.	100	LF	\$575.00	\$57,500.00
13	Furnish and Install Field Fabricated Fittings, including all material, labor, incidentals, for 24-inch ID Recycled Water Steel Pipe (T=0.188" Min.) for Field Fabrication of Bends or Offsets Where Necessary. (ALL BENDS AND OFFSETS FOR DUCTILE IRON PIPE SHALL BE INCLUDED IN BID ITEMS FOR FURNISH AND INSTALLATION OF PIPE AT NO ADDITIONAL COST. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM)	20	EA	\$0.00	\$0.00
14	Furnish and Install 2,110 Gallon Bladder Surge Tank Assembly, Including Tank Foundation and Anchorage Design, 12" Tank Outlet Pipe, Fittings and Appurtenances and Connection to Existing 36" Steel CML&C Pipe.	1	LS	\$44,000.00	\$44,000.00
15	Furnish and Install 4-inch Combination Air and Vacuum Valve per CWD-460RW.	10	EA	\$10,000.00	\$100,000.00
16	Furnish and Install 2-inch Combination Air and Vacuum Valve per CWD-451RW.	2	EA	\$6,000.00	\$12,000.00
17	Furnish and Install 4-inch Combination Air and Vacuum Valve With 6-inch Bypass per Detail "J" on Sheet 21.	3	EA	\$17,000.00	\$51,000.00
18	Furnish and Install 8-inch Blow-Off per CWD-410RW-B.	13	EA	\$11,000.00	\$143,000.00
19	Furnish and Install 8" Temporary Blow-off Assembly per CWD-414RW For Pressure Testing and Chlorination.	3	EA	\$20,000.00	\$60,000.00
20	Furnish and Install 2-inch Blow-Off (End of Pipe) per CWD-411RW-B.	1	EA	\$6,000.00	\$6,000.00
21	Furnish and Install Temporary 2-inch Blow-Off per CWD 412RW For Pressure Testing and Chlorination.	3	EA	\$3,400.00	\$10,200.00
22	Furnish and Install 8" Temporary Blow-off Assembly (Not Shown in Plan) per CWD-414RW For Pressure Testing and Chlorination.	8	EA	\$10,000.00	\$80,000.00
23	Furnish and Install Temporary 2-inch Blow-Off (Not Shown in Plan) per CWD 412RW For Pressure Testing and Chlorination.	2	EA	\$3,000.00	\$6,000.00
24	Furnish and Install 24-inch Butterfly Valve per CWD-510RW.	7	EA	\$9,200.00	\$64,400.00
25	Furnish and Install 24-inch Manway per CWD-350RW. (These Manways are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	8	EA	\$8,000.00	\$64,000.00
26	Furnish and Install Manhole per CWD-816RW (These Manholes are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	8	EA	\$6,000.00	\$48,000.00
27	Furnish and Install 8-inch Gate Valve per CWD-500RW.	4	EA	\$2,000.00	\$8,000.00
28	Furnish and Install 12-inch Gate Valve per CWD-500RW.	2	EA	\$3,500.00	\$7,000.00

29	Furnish and Install 12-inch Potable Water Gate Valve per CWD-500.	1	EA	\$3,500.00	\$3,500.00
30	Furnish and Install Temporary Water Sampler per CWD-432RW.	28	EA	\$1,500.00	\$42,000.00
31	Furnish and Install Flange Insulation and Test Lead per CWD-923. (THIS ITEM IS NOT REQUIRED FOR DUCTILE IRON PIPE. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	9	EA	\$600.00	\$5,400.00
32	Connect to Existing 24-inch Recycled Water Line on Van Buren by Cut-in, Furnish and Install a 24" X 24" Crotch Plate Tee.	1	EA	\$20,000.00	\$20,000.00
33	Connect to Existing 12-inch Recycled Water Line. Furnish and Install Connection per Detail B on Sheet 3.	1	EA	\$14,000.00	\$14,000.00
34	Furnish Materials for 36" Potable Water Connection and Complete Installation Per Detail D on Sheet 21.	1	EA	\$14,000.00	\$14,000.00
35	Furnish and Install 2-inch Diameter Recycled Water Service For 1-inch Diameter Meter on 24-inch Main per CWD-601RW.	2	EA	\$7,500.00	\$15,000.00
36	Furnish and Install 4-inch Diameter Recycled Water Service For 2-inch meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD-601RW.	5	EA	\$8,500.00	\$42,500.00
37	Furnish and Install 4-inch Diameter Recycled Water Service For 3-inch Meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD-620RW-1 & 2.	4	EA	\$19,000.00	\$76,000.00
38	Furnish and Install 6-inch Diameter Recycled Water Service For 6-inch Meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD-620RW-1 & 2.	1	EA	\$19,500.00	\$19,500.00
39	Furnish and Install 8-inch Diameter Recycled Water Service For 8-Inch Meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD620RW-1 & 2. Vault per CWD 801RW-1 & 2.	2	EA	\$26,000.00	\$52,000.00
40	Furnish and Install 24-inch Utility Conflict Offset (4 X 45 degree bends and Required Piping) Per "Typical Utility Crossing" Detail on Sheet 22. (These Offsets are for Unforeseen Utility Conflicts for the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	4	EA	\$9,000.00	\$36,000.00
41	Furnish and Install Potable to Recycled Water Emergency Connection Assembly, Including Piping, Pipe Appurtenances, Manholes, Concrete Pad, Ground Surface Restoration, Irrigation Repair and All Other Works as Shown per Plan.	1	EA	\$28,000.00	\$28,000.00
42	Furnish and Install 24-inch Buttstrap Per CWD-220RW.	4	EA	\$500.00	\$2,000.00
43	Bracing Excavation for Recycled Water and Water Lines.	15,400	LF	\$0.10	\$1,540.00
44	Pipe Pressure Testing (including water).	1	LS	\$5,000.00	\$5,000.00
45	Pipe Flushing (including water).	1	LS	\$5,000.00	\$5,000.00
46	Relocate Existing Sewer Lateral.	42	EA	\$100.00	\$4,200.00
47	Cut and Plug, and Remove and Dispose Abandoned 18-inch Irrigation Pipe and Manholes as Indicated per Plan.	1,200	LF	\$5.00	\$6,000.00
48	Cut and Plug, and Remove and Dispose Abandoned 20-inch Sewer Pipe and Manholes as Indicated per Plan.	850	LF	\$5.00	\$4,250.00
49	Cut and Plug, and Remove and Dispose Abandoned 18-inch Storm Drain as Indicated per Plan.	70	LF	\$10.00	\$700.00
50	Sewer Main Interior Inspection Video or other means to Identify Sewer Lateral Locations.	1	LS	\$5,000.00	\$5,000.00
51	Chlorination and Sanitary Samples (including water), dispose of Chlorinated Water.	1	LS	\$2,200.00	\$2,200.00
52	CML&C Steel Pipeline Interior Video Inspection. (INTERIOR VIDEO INSPECTION OF DUCTILE IRON PIPE IS NOT REQUIRED. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	1	LS	\$0.00	\$0.00
53	Furnish and Install Temporary Paving (3" Min.), including periodic maintenance necessary to sustain a smooth driving surface at all times.	15,400	LF	\$6.00	\$92,400.00

54	Furnish and Install Permanent Pavement, Including Full Structural Section, per City of Riverside, Public Works Department Std. Dwg. 453. Includes the Area of Work by City Forces. (See Street Improvement Plans for Structural Section).	15,400	LF	\$50.00	\$770,000.00
55	Trench Dewatering.	1	LS	\$100.00	\$100.00
56	Traffic Loop Replacement. The Entire Detector Loop System Shall be Replaced to the Pull box. It is assumed that the loop system at each signalized intersection will be replaced twice, once after base paving and once after final paving.	14	EA	\$1,000.00	\$14,000.00
57	Traffic Striping, for Base Paving and Final Paving.	1	LS	\$40,000.00	\$40,000.00
58	Bedrock Removal.	5,000	LF	\$1.00	\$5,000.00
59	Adjust Valve Can Lids to Sit Flush With the Finished Pavement Surface.	1	LS	\$1,000.00	\$1,000.00
60	Traffic Control for Recycled Water Improvement Items. Includes Traffic Control for Construction Staking by City Survey Crew.	1	LS	\$100,000.00	\$100,000.00
61	Furnish and Install Portable Changeable Message Sign.	6	EA	\$4,000.00	\$24,000.00
62	Storm Water Pollution Prevention Control Plan (SWPPP) and Best Management Practices (BMPs).	1	LS	\$2,000.00	\$2,000.00
				Bid Schedule A Total	\$4,791,430.00

"Schedule B" - From STA 226+97 to STA 252+40

-	Note: All items subject to any special notes or footnotes appearing on this Engineer's estimate included with the bid documents.	-	-	-	-
-	Note: The Contract lump sum or unit price for each Contract Bid Item shall include full compensation for all labor, materials, tools, taxes, profit, overhead, incidentals and appurtenant work necessary for performing and completing the work of the Contract Bid Item as required by the Project Plans, Specifications, Special Provisions and other Contract Documents. Such compensation shall also include or take into consideration any additional provisions or conditions specifically stated immediately following the Contract Bid Item.	-	-	-	-
-	Note: In the absence of a specific bid item or specific payment provisions for any portion of the work required by the Contract Documents, the bidder shall include the bidder's compensation for that portion of the Contract work in the Contract unit price(s) and/or lump sum price(s) of the bid item(s) that require such work, or are closely related to such work. Therefore, no separate or additional payment will be made to the Contractor for any such work on the premise that such work lacks specific bid item(s) or specific payment provisions.	-	-	-	-
63	Clearing and Grubbing including Mobilization/Demolition, Dust Control, Construction Water and Site Cleanup. BID PRICE FOR THIS ITEM SHALL NOT EXCEED 3 PERCENT OF THE TOTAL OF ALL BID ITEMS FOR BID SCHEDULE B, LESS THIS ITEM.	1	LS	\$25,500.00	\$25,500.00
64	Furnish 24-inch ID Recycled Water Pipe with Recycled Water Marking Tape. Bid one of the two alternatives listed below (ENTER A ZERO IN THE ALTERNATIVE NOT BIDDING ON):	-	-	-	-
	A. Cement Mortar Lined and Coated Steel Pipe (T=0.188" Min, Lining=0.500", Mortar Coating=1.000" Min) with purple poly wrap.	2,200	LF	\$0.00	\$0.00
	B. Ductile Iron Pipe (Pressure Class 200) with purple poly wrap.	2,200	LF	\$99.00	\$217,800.00
65	Install 24-inch ID Recycled Water Pipe Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	1,840	LF	\$26.00	\$47,840.00
66	Furnish and Install 36-inch ID Steel Casing (0.500" min wall thickness) including installing 24-inch Piping, Fittings, Spacers, Blown Sand, plans and permits, Complete per Plan at Crossings Under 91 Freeway, Under BNSF Railroad Bridge and Over Sewer Pipeline on Monroe Street.	360	LF	\$300.00	\$108,000.00

67	Furnish 24-inch TR-FLEX Ductile Iron Recycled Water Pipe (Pressure Class 200) and Fittings with purple poly wrap.	380	LF	\$150.00	\$57,000.00
68	Install 24-inch Ductile Iron TR-FLEX Recycled Water Pipe (Pressure Class 200) Through Abandoned 48-Inch "Techite" Pipe and Grout Annular Space Between The Two Pipes With CLSM Material.	380	LF	\$55.00	\$20,900.00
69	Furnish and Install Field Fabricated Fittings, including all material, labor, incidentals, for 24-inch ID Recycled Water Steel Pipe (T=0.188" Min.) for Field Fabrication of Bends or Offsets Where Necessary. (ALL BENDS AND OFFSETS FOR DUCTILE IRON PIPE SHALL BE INCLUDED IN BID ITEMS FOR FURNISH AND INSTALLATION OF PIPE WITH NO ADDITIONAL COMPENSATION. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM)	6	EA	\$0.00	\$0.00
70	Furnish and Install 4-inch Combination Air and Vacuum Valve per CWD-460RW.	2	EA	\$10,000.00	\$20,000.00
71	Furnish and Install 4-inch Combination Air and Vacuum Valve With 6-inch Bypass per Detail "J" on Sheet 21.	2	EA	\$15,000.00	\$30,000.00
72	Furnish and Install 8-inch Blow-Off (End of Pipe) per Detail "G", Sheet 21	1	EA	\$10,000.00	\$10,000.00
73	Furnish and Install 8-inch Blow-Off per CWD-410RW-B.	3	EA	\$10,500.00	\$31,500.00
74	Furnish and Install 8-Inch Temporary Blow-off per CWD-414RW For Pressure Testing and Disinfection.	1	EA	\$11,000.00	\$11,000.00
75	Furnish and Install 8-Inch Temporary Blow-off (Not Shown in Plan) per CWD-414RW For Pressure Testing and Disinfection.	6	EA	\$11,000.00	\$66,000.00
76	Furnish and Install 24-inch Butterfly Valve per CWD-510RW.	2	EA	\$9,000.00	\$18,000.00
77	Furnish and Install 24-inch Manway per CWD-350RW. (These Manways are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	1	EA	\$8,000.00	\$8,000.00
78	Furnish and Install Manhole per CWD-816RW (These Manholes are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	1	EA	\$8,000.00	\$8,000.00
79	Furnish and Install Temporary Water Sampler per CWD-432RW.	4	EA	\$4,000.00	\$16,000.00
80	Cut and Plug, and Remove and Dispose Abandoned 18-inch Irrigation Pipe and Manholes per Plan.	450	LF	\$5.00	\$2,250.00
81	Furnish and Install 24-inch Utility Conflict Offset (4 X 45 degree bends and Required Piping) Per "Typical Utility Crossing" Detail on Sheet 22. (These Offsets are for Unforeseen Utility Conflicts for the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	2	EA	\$8,500.00	\$17,000.00
82	Bracing Excavation for Recycled Water Lines.	2,400	LF	\$0.10	\$240.00
83	Pipe Pressure Testing (including water).	1	LS	\$1,000.00	\$1,000.00
84	Pipe Flushing (including water).	1	LS	\$1,000.00	\$1,000.00
85	Relocate Existing Sewer Lateral.	8	EA	\$100.00	\$800.00
86	Sewer Main Interior Inspection Video or other means to Identify Sewer Lateral Locations.	1	LS	\$500.00	\$500.00
87	Furnish and Install Flange Insulation and Test Lead per CWD-923. (THIS ITEM IS NOT REQUIRED FOR DUCTILE IRON PIPE. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	2	EA	\$0.00	\$0.00
88	CML&C Steel Pipeline Interior Video Inspection. (INTERIOR VIDEO INSPECTION OF DUCTILE IRON PIPE IS NOT REQUIRED. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	1	LS	\$0.00	\$0.00
89	Furnish and Install Temporary Paving (3" Min.), including periodic maintenance necessary to sustain a smooth driving surface at all times.	2,400	LF	\$6.00	\$14,400.00

90	Furnish and Install Permanent Pavement, Including Full Structural Section, per City of Riverside, Public Works Department Std. Dwg. 453. Includes the Area of Work by City Forces. (See Street Improvement Plans for Structural Section).	2,400	LF	\$60.00	\$144,000.00
91	Trench Dewatering.	1	LS	\$100.00	\$100.00
92	Adjust Valve Can Lids to Sit Flush With the Finished Pavement Surface.	1	LS	\$750.00	\$750.00
93	Traffic Control for Recycled Water Improvement Items, Includes Traffic Control for Construction Staking by City Survey Crew.	1	LS	\$1,000.00	\$1,000.00
94	Traffic Loop Replacement, including detector card. The Entire Detector Loop System Shall be Replaced to the Signal Panel. It is assumed that the loop system at each signalized intersection will be replaced twice, once after base paving and once after final paving.	2	EA	\$5,000.00	\$10,000.00
95	Traffic Striping.	1	LS	\$10,000.00	\$10,000.00
96	Furnish and Install Portable Changeable Message Sign.	2	EA	\$5,000.00	\$10,000.00
97	Storm Water Pollution Prevention Control Plan (SWPPP) and Best Management Practices (BMPs).	1	LS	\$100.00	\$100.00
				Bid Schedule B Total	\$908,680.00

"Schedule C" - Slurry Grout Abandoned 48" and 42" Techite Pipe

-	Note: All items subject to any special notes or footnotes appearing on this Engineer's estimate included with the bid documents.	-	-	-	-
-	Note: The Contract lump sum or unit price for each Contract Bid Item shall include full compensation for all labor, materials, tools, taxes, profit, overhead, incidentals and appurtenant work necessary for performing and completing the work of the Contract Bid Item as required by the Project Plans, Specifications, Special Provisions and other Contract Documents. Such compensation shall also include or take into consideration any additional provisions or conditions specifically stated immediately following the Contract Bid Item.	-	-	-	-
-	Note: In the absence of a specific bid item or specific payment provisions for any portion of the work required by the Contract Documents, the bidder shall include the bidder's compensation for that portion of the Contract work in the Contract unit price(s) and/or lump sum price(s) of the bid item(s) that require such work, or are closely related to such work. Therefore, no separate or additional payment will be made to the Contractor for any such work on the premise that such work lacks specific bid item(s) or specific payment provisions.	-	-	-	-
98	Clearing and Grubbing including Mobilization/Demolition, Dust Control, Construction Water and Site Cleanup. BID PRICE FOR THIS ITEM SHALL NOT EXCEED 3 PERCENT OF THE TOTAL OF ALL BID ITEMS FOR BID SCHEDULE C, LESS THIS ITEM.	1	LS	\$6,000.00	\$6,000.00
99	Pressure Grout Abandoned 48-inch and 42-inch Techite Pipe on Monroe Street from Lincoln Avenue to California Avenue.	8,300	LF	\$27.00	\$224,100.00
100	Excavate and Backfill Pit for Pipe Grouting.	12	EA	\$100.00	\$1,200.00
101	Furnish and Install Temporary Paving (3" Min.) for Each Excavated Pit, including periodic maintenance necessary to sustain a smooth driving surface at all times.	12	EA	\$200.00	\$2,400.00
102	Furnish and install 12-inch Class 2 Crushed Aggregate Base Material.	1	LS	\$750.00	\$750.00
103	Furnish and Install 7-Inches Thick Pavement For Each Excavated Pit, Including Full Structural Section, per City of Riverside, Public Works Department Std. Dwg. 453. Includes the Area of Work by City Forces. (See Street Improvement Plans for Structural Section).	12	EA	\$750.00	\$9,000.00
104	Trench Dewatering.	1	LS	\$100.00	\$100.00
105	Traffic Control, Includes Traffic Control for Construction Staking by City Survey Crew.	1	LS	\$100.00	\$100.00

106	Storm Water Pollution Prevention Control Plan (SWPPP) and Best Management Practices (BMPs).	1	LS	\$100.00	\$100.00
				Bid Schedule C Total	\$243,750.00

Subcontractor Information			
Subcontractor Name	Location	Portion	Amount
All American Asphalt	Corona, CA	Asphalt	\$278,228.00
All State Boring	Bakersfield, CA	Boring	\$25,000.00
Superior Pavement Markings	Cypress, CA	Striping	\$48,982.00
Los Angeles Signal Construction	San Dimas, CA	Traffic Loop	\$67,804.00
Throop Cellular Concrete	Pasadena, CA	Concrete	\$197,592.22

BID RESULTS

City of Riverside
Finance Dept./Purchasing

Due Date	5/25/2016	Bid No.	RPU-7377
Before	3:30pm	Estimate	\$8,500,000.00

Bid Description

Jackson Street 24-Inch Recycled Water Pipeline Project Phase 1

Bidder

DDH Apple Valley Construction, Inc.

Item No.	Item Description	Qty	Unit	Unit Price	Ext. Price
"Schedule A" - From STA 100+00 to STA 226+97, and Central Avenue					
-	Note: All items subject to any special notes or footnotes appearing on this Engineer's estimate included with the bid documents.	-	-	-	-
-	Note: The Contract lump sum or unit price for each Contract Bid Item shall include full compensation for all labor, materials, tools, taxes, profit, overhead, incidentals and appurtenant work necessary for performing and completing the work of the Contract Bid Item as required by the Project Plans, Specifications, Special Provisions and other Contract Documents. Such compensation shall also include or take into consideration any additional provisions or conditions specifically stated immediately following the Contract Bid Item.	-	-	-	-
-	Note: In the absence of a specific bid item or specific payment provisions for any portion of the work required by the Contract Documents, the bidder shall include the bidder's compensation for that portion of the Contract work in the Contract unit price(s) and/or lump sum price(s) of the bid item(s) that require such work, or are closely related to such work. Therefore, no separate or additional payment will be made to the Contractor for any such work on the premise that such work lacks specific bid item(s) or specific payment provisions.	-	-	-	-
1	Clearing and Grubbing including Mobilization/Demolition, Dust Control, Construction Water and Site Cleanup. BID PRICE FOR THIS ITEM SHALL NOT EXCEED 3 PERCENT OF THE TOTAL OF ALL BID ITEMS FOR BID SCHEDULE A, LESS THIS ITEM.	1	LS	\$171,000.00	\$171,000.00
2	Furnish 24-inch ID Recycled Water Pipe with Recycled Water Marking Tape. Bid one of the two alternatives listed below (ENTER A ZERO IN THE ALTERNATIVE NOT BIDDING ON): 0 0 0 0 A. Cement Mortar Lined and Coated Steel	-	-	-	-
	A. Cement Mortar Lined and Coated Steel Pipe (T=0.188" Min, Lining=0.500", Mortar Coating=1.000" Min) with purple poly wrap.	12,700	LF	\$0.00	\$0.00
	B. Ductile Iron Pipe (Pressure Class 200) with purple poly wrap.	12,700	LF	\$68.50	\$869,950.00
3	Install 24-inch ID Recycled Water Pipe Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	12,660	LF	\$84.00	\$1,063,440.00
4	Furnish and Install 36-inch ID Steel Casing (0.500" min wall thickness) including installing 24-inch Piping, Fittings, Spacers, Blown Sand, plans and permits, Complete per Plan at Crossing Over MWD Pipeline Near Magnolia and Monroe Intersection.	40	LF	\$470.00	\$18,800.00
5	Furnish 12-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings with Recycled Water Marking Tape and purple poly wrap.	70	LF	\$39.50	\$2,765.00
6	Install 12-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	70	LF	\$85.00	\$5,950.00
7	Furnish 12-inch Ductile Iron Potable Water Pipe (Pressure Class 350) and Fittings with poly wrap.	150	LF	\$35.20	\$5,280.00

42	Install 12-inch Ductile Iron Potable Water Pipe (Pressure Class 350) and Fittings Complete per Plan and CWD-040-1 and CWD-040-2.	150	LF	\$79.60	\$11,940.00
9	Furnish 8-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings with Recycled Water Marking Tape and purple poly wrap.	2,000	LF	\$22.50	\$45,000.00
10	Install 8-inch Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	2,000	LF	\$53.30	\$106,600.00
11	Furnish 8-inch TR-FLEX Ductile Iron Recycled Water Pipe (Pressure Class 350) and Fittings with purple poly wrap.	100	LF	\$42.50	\$4,250.00
12	Furnish and Install (Bore and Jack) of 16-inch ID Steel Casing (0.375" min wall thickness) including installing 8-inch Piping, Fittings, Spacers, Blown Sand, Excavate Bore and Receiving Pits including Shoring, plans and permits, and dewatering. Complete per Plan Under Union Pacific Railroad at Central Avenue.	100	LF	\$1,630.00	\$163,000.00
13	Furnish and Install Field Fabricated Fittings, including all material, labor, incidentals, for 24-inch ID Recycled Water Steel Pipe (T=0.188" Min.) for Field Fabrication of Bends or Offsets Where Necessary. (ALL BENDS AND OFFSETS FOR DUCTILE IRON PIPE SHALL BE INCLUDED IN BID ITEMS FOR FURNISH AND INSTALLATION OF PIPE AT NO ADDITIONAL COST. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM)	20	EA	\$0.00	\$0.00
14	Furnish and Install 2,110 Gallon Bladder Surge Tank Assembly, Including Tank Foundation and Anchorage Design, 12" Tank Outlet Pipe, Fittings and Appurtenances and Connection to Existing 36" Steel CML&C Pipe.	1	LS	\$99,000.00	\$99,000.00
15	Furnish and Install 4-inch Combination Air and Vacuum Valve per CWD-460RW.	10	EA	\$13,100.00	\$131,000.00
16	Furnish and Install 2-inch Combination Air and Vacuum Valve per CWD-451RW.	2	EA	\$8,000.00	\$16,000.00
17	Furnish and Install 4-inch Combination Air and Vacuum Valve With 6-inch Bypass per Detail "J" on Sheet 21.	3	EA	\$18,100.00	\$54,300.00
18	Furnish and Install 8-inch Blow-Off per CWD-410RW-B.	13	EA	\$14,600.00	\$189,800.00
19	Furnish and Install 8" Temporary Blow-off Assembly per CWD-414RW For Pressure Testing and Chlorination.	3	EA	\$13,300.00	\$39,900.00
20	Furnish and Install 2-inch Blow-Off (End of Pipe) per CWD-411RW-B.	1	EA	\$7,300.00	\$7,300.00
21	Furnish and Install Temporary 2-inch Blow-Off per CWD 412RW For Pressure Testing and Chlorination.	3	EA	\$6,900.00	\$20,700.00
22	Furnish and Install 8" Temporary Blow-off Assembly (Not Shown in Plan) per CWD-414RW For Pressure Testing and Chlorination.	8	EA	\$13,800.00	\$110,400.00
23	Furnish and Install Temporary 2-inch Blow-Off (Not Shown in Plan) per CWD 412RW For Pressure Testing and Chlorination.	2	EA	\$6,900.00	\$13,800.00
24	Furnish and Install 24-inch Butterfly Valve per CWD-510RW.	7	EA	\$9,700.00	\$67,900.00
25	Furnish and Install 24-inch Manway per CWD-350RW. (These Manways are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	8	EA	\$9,600.00	\$76,800.00
26	Furnish and Install Manhole per CWD-816RW (These Manholes are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	8	EA	\$8,200.00	\$65,600.00
27	Furnish and Install 8-inch Gate Valve per CWD-500RW.	4	EA	\$1,940.00	\$7,760.00
28	Furnish and Install 12-inch Gate Valve per CWD-500RW.	2	EA	\$3,600.00	\$7,200.00

29	Furnish and Install 12-inch Potable Water Gate Valve per CWD-500.	1	EA	\$3,730.00	\$3,730.00
30	Furnish and Install Temporary Water Sampler per CWD-432RW.	28	EA	\$1,250.00	\$35,000.00
31	Furnish and Install Flange Insulation and Test Lead per CWD-923. (THIS ITEM IS NOT REQUIRED FOR DUCTILE IRON PIPE. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	9	EA	\$0.00	\$0.00
32	Connect to Existing 24-inch Recycled Water Line on Van Buren by Cut-in, Furnish and Install a 24" X 24" Crotch Plate Tee.	1	EA	\$18,600.00	\$18,600.00
33	Connect to Existing 12-inch Recycled Water Line. Furnish and Install Connection per Detail B on Sheet 3.	1	EA	\$9,000.00	\$9,000.00
34	Furnish Materials for 36" Potable Water Connection and Complete Installation Per Detail D on Sheet 21.	1	EA	\$15,900.00	\$15,900.00
35	Furnish and Install 2-inch Diameter Recycled Water Service For 1-inch Diameter Meter on 24-inch Main per CWD-601RW.	2	EA	\$5,230.00	\$10,460.00
36	Furnish and Install 4-inch Diameter Recycled Water Service For 2-inch meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD-601RW.	5	EA	\$22,300.00	\$111,500.00
37	Furnish and Install 4-inch Diameter Recycled Water Service For 3-inch Meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD-620RW-1 & 2.	4	EA	\$34,800.00	\$139,200.00
38	Furnish and Install 6-inch Diameter Recycled Water Service For 6-inch Meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD-620RW-1 & 2.	1	EA	\$37,000.00	\$37,000.00
39	Furnish and Install 8-inch Diameter Recycled Water Service For 8-Inch Meter on 24-inch Main Per Detail "N" on Sheet 22 and CWD620RW-1 & 2. Vault per CWD 801RW-1 & 2.	2	EA	\$42,000.00	\$84,000.00
40	Furnish and Install 24-inch Utility Conflict Offset (4 X 45 degree bends and Required Piping) Per "Typical Utility Crossing" Detail on Sheet 22. (These Offsets are for Unforeseen Utility Conflicts for the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	4	EA	\$14,200.00	\$56,800.00
41	Furnish and Install Potable to Recycled Water Emergency Connection Assembly, Including Piping, Pipe Appurtenances, Manholes, Concrete Pad, Ground Surface Restoration, Irrigation Repair and All Other Works as Shown per Plan.	1	EA	\$33,300.00	\$33,300.00
42	Furnish and Install 24-inch Buttstrap Per CWD-220RW.	4	EA	\$0.00	\$0.00
43	Bracing Excavation for Recycled Water and Water Lines.	15,400	LF	\$22.40	\$344,960.00
44	Pipe Pressure Testing (including water).	1	LS	\$15,700.00	\$15,700.00
45	Pipe Flushing (including water).	1	LS	\$17,300.00	\$17,300.00
46	Relocate Existing Sewer Lateral.	42	EA	\$1,010.00	\$42,420.00
47	Cut and Plug, and Remove and Dispose Abandoned 18-inch Irrigation Pipe and Manholes as Indicated per Plan.	1,200	LF	\$20.20	\$24,240.00
48	Cut and Plug, and Remove and Dispose Abandoned 20-inch Sewer Pipe and Manholes as Indicated per Plan.	850	LF	\$17.70	\$15,045.00
49	Cut and Plug, and Remove and Dispose Abandoned 18-inch Storm Drain as Indicated per Plan.	70	LF	\$85.00	\$5,950.00
50	Sewer Main Interior Inspection Video or other means to Identify Sewer Lateral Locations.	1	LS	\$15,100.00	\$15,100.00
51	Chlorination and Sanitary Samples (including water), dispose of Chlorinated Water.	1	LS	\$24,100.00	\$24,100.00
52	CML&C Steel Pipeline Interior Video Inspection. (INTERIOR VIDEO INSPECTION OF DUCTILE IRON PIPE IS NOT REQUIRED. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	1	LS	\$0.00	\$0.00
53	Furnish and Install Temporary Paving (3" Min.), including periodic maintenance necessary to sustain a smooth driving surface at all times.	15,400	LF	\$17.80	\$274,120.00

54	Furnish and Install Permanent Pavement, Including Full Structural Section, per City of Riverside, Public Works Department Std. Dwg. 453. Includes the Area of Work by City Forces. (See Street Improvement Plans for Structural Section).	15,400	LF	\$54.40	\$837,760.00
55	Trench Dewatering.	1	LS	\$66,000.00	\$66,000.00
56	Traffic Loop Replacement. The Entire Detector Loop System Shall be Replaced to the Pull box. It is assumed that the loop system at each signalized intersection will be replaced twice, once after base paving and once after final paving.	14	EA	\$4,950.00	\$69,300.00
57	Traffic Striping, for Base Paving and Final Paving.	1	LS	\$45,300.00	\$45,300.00
58	Bedrock Removal.	5,000	LF	\$40.80	\$204,000.00
59	Adjust Valve Can Lids to Sit Flush With the Finished Pavement Surface.	1	LS	\$8,250.00	\$8,250.00
60	Traffic Control for Recycled Water Improvement Items. Includes Traffic Control for Construction Staking by City Survey Crew.	1	LS	\$273,000.00	\$273,000.00
61	Furnish and Install Portable Changeable Message Sign.	6	EA	\$12,800.00	\$76,800.00
62	Storm Water Pollution Prevention Control Plan (SWPPP) and Best Management Practices (BMPs).	1	LS	\$27,200.00	\$27,200.00
				Bid Schedule A Total	\$6,316,470.00

"Schedule B" - From STA 226+97 to STA 252+40

-	Note: All items subject to any special notes or footnotes appearing on this Engineer's estimate included with the bid documents.	-	-	-	-
-	Note: The Contract lump sum or unit price for each Contract Bid Item shall include full compensation for all labor, materials, tools, taxes, profit, overhead, incidentals and appurtenant work necessary for performing and completing the work of the Contract Bid Item as required by the Project Plans, Specifications, Special Provisions and other Contract Documents. Such compensation shall also include or take into consideration any additional provisions or conditions specifically stated immediately following the Contract Bid Item.	-	-	-	-
-	Note: In the absence of a specific bid item or specific payment provisions for any portion of the work required by the Contract Documents, the bidder shall include the bidder's compensation for that portion of the Contract work in the Contract unit price(s) and/or lump sum price(s) of the bid item(s) that require such work, or are closely related to such work. Therefore, no separate or additional payment will be made to the Contractor for any such work on the premise that such work lacks specific bid item(s) or specific payment provisions.	-	-	-	-
63	Clearing and Grubbing including Mobilization/Demolition, Dust Control, Construction Water and Site Cleanup. BID PRICE FOR THIS ITEM SHALL NOT EXCEED 3 PERCENT OF THE TOTAL OF ALL BID ITEMS FOR BID SCHEDULE B, LESS THIS ITEM.	1	LS	\$30,400.00	\$30,400.00
64	Furnish 24-inch ID Recycled Water Pipe with Recycled Water Marking Tape. Bid one of the two alternatives listed below (ENTER A ZERO IN THE ALTERNATIVE NOT BIDDING ON):	-	-	-	-
	A. Cement Mortar Lined and Coated Steel Pipe (T=0.188" Min, Lining=0.500", Mortar Coating=1.000" Min) with purple poly wrap.	2,200	LF	\$0.00	\$0.00
	B. Ductile Iron Pipe (Pressure Class 200) with purple poly wrap.	2,200	LF	\$70.60	\$155,320.00
65	Install 24-inch ID Recycled Water Pipe Complete per Plan and CWD-040RW-1 and CWD-040RW-2.	1,840	LF	\$55.60	\$102,304.00
66	Furnish and Install 36-inch ID Steel Casing (0.500" min wall thickness) including installing 24-inch Piping, Fittings, Spacers, Blown Sand, plans and permits, Complete per Plan at Crossings Under 91 Freeway, Under BNSF Railroad Bridge and Over Sewer Pipeline on Monroe Street.	360	LF	\$250.00	\$90,000.00

67	Furnish 24-inch TR-FLEX Ductile Iron Recycled Water Pipe (Pressure Class 200) and Fittings with purple poly wrap.	380	LF	\$140.00	\$53,200.00
68	Install 24-inch Ductile Iron TR-FLEX Recycled Water Pipe (Pressure Class 200) Through Abandoned 48-Inch "Techite" Pipe and Grout Annular Space Between The Two Pipes With CLSM Material.	380	LF	\$43.00	\$16,340.00
69	Furnish and Install Field Fabricated Fittings, including all material, labor, incidentals, for 24-inch ID Recycled Water Steel Pipe (T=0.188" Min.) for Field Fabrication of Bends or Offsets Where Necessary. (ALL BENDS AND OFFSETS FOR DUCTILE IRON PIPE SHALL BE INCLUDED IN BID ITEMS FOR FURNISH AND INSTALLATION OF PIPE WITH NO ADDITIONAL COMPENSATION. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM)	6	EA	\$0.00	\$0.00
70	Furnish and Install 4-inch Combination Air and Vacuum Valve per CWD-460RW.	2	EA	\$12,300.00	\$24,600.00
71	Furnish and Install 4-inch Combination Air and Vacuum Valve With 6-inch Bypass per Detail "J" on Sheet 21.	2	EA	\$17,900.00	\$35,800.00
72	Furnish and Install 8-inch Blow-Off (End of Pipe) per Detail "G", Sheet 21	1	EA	\$10,800.00	\$10,800.00
73	Furnish and Install 8-inch Blow-Off per CWD-410RW-B.	3	EA	\$13,600.00	\$40,800.00
74	Furnish and Install 8-Inch Temporary Blow-off per CWD-414RW For Pressure Testing and Disinfection.	1	EA	\$8,300.00	\$8,300.00
75	Furnish and Install 8-Inch Temporary Blow-off (Not Shown in Plan) per CWD-414RW For Pressure Testing and Disinfection.	6	EA	\$9,200.00	\$55,200.00
76	Furnish and Install 24-inch Butterfly Valve per CWD-510RW.	2	EA	\$7,000.00	\$14,000.00
77	Furnish and Install 24-inch Manway per CWD-350RW. (These Manways are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	1	EA	\$7,550.00	\$7,550.00
78	Furnish and Install Manhole per CWD-816RW (These Manholes are for Future Operation and Maintenance Purposes of the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	1	EA	\$11,000.00	\$11,000.00
79	Furnish and Install Temporary Water Sampler per CWD-432RW.	4	EA	\$2,050.00	\$8,200.00
80	Cut and Plug, and Remove and Dispose Abandoned 18-inch Irrigation Pipe and Manholes per Plan.	450	LF	\$47.00	\$21,150.00
81	Furnish and Install 24-inch Utility Conflict Offset (4 X 45 degree bends and Required Piping) Per "Typical Utility Crossing" Detail on Sheet 22. (These Offsets are for Unforeseen Utility Conflicts for the Recycled Water Pipeline and Shall be Required for Both Pipe Material Alternatives).	2	EA	\$4,750.00	\$9,500.00
82	Bracing Excavation for Recycled Water Lines.	2,400	LF	\$6.95	\$16,680.00
83	Pipe Pressure Testing (including water).	1	LS	\$8,300.00	\$8,300.00
84	Pipe Flushing (including water).	1	LS	\$8,300.00	\$8,300.00
85	Relocate Existing Sewer Lateral.	8	EA	\$4,000.00	\$32,000.00
86	Sewer Main Interior Inspection Video or other means to Identify Sewer Lateral Locations.	1	LS	\$9,850.00	\$9,850.00
87	Furnish and Install Flange Insulation and Test Lead per CWD-923. (THIS ITEM IS NOT REQUIRED FOR DUCTILE IRON PIPE. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	2	EA	\$0.00	\$0.00
88	CML&C Steel Pipeline Interior Video Inspection. (INTERIOR VIDEO INSPECTION OF DUCTILE IRON PIPE IS NOT REQUIRED. IF CONTRACTOR BIDS DUCTILE IRON PIPE AS AN ALTERNATE PIPE MATERIAL, ENTER ZERO FOR THIS ITEM).	1	LS	\$0.00	\$0.00
89	Furnish and Install Temporary Paving (3" Min.), including periodic maintenance necessary to sustain a smooth driving surface at all times.	2,400	LF	\$15.50	\$37,200.00

90	Furnish and Install Permanent Pavement, Including Full Structural Section, per City of Riverside, Public Works Department Std. Dwg. 453. Includes the Area of Work by City Forces. (See Street Improvement Plans for Structural Section).	2,400	LF	\$91.00	\$218,400.00
91	Trench Dewatering.	1	LS	\$34,200.00	\$34,200.00
92	Adjust Valve Can Lids to Sit Flush With the Finished Pavement Surface.	1	LS	\$4,750.00	\$4,750.00
93	Traffic Control for Recycled Water Improvement Items, Includes Traffic Control for Construction Staking by City Survey Crew.	1	LS	\$8,300.00	\$8,300.00
94	Traffic Loop Replacement, including detector card. The Entire Detector Loop System Shall be Replaced to the Signal Panel. It is assumed that the loop system at each signalized intersection will be replaced twice, once after base paving and once after final paving.	2	EA	\$7,040.00	\$14,080.00
95	Traffic Striping.	1	LS	\$13,000.00	\$13,000.00
96	Furnish and Install Portable Changeable Message Sign.	2	EA	\$6,000.00	\$12,000.00
97	Storm Water Pollution Prevention Control Plan (SWPPP) and Best Management Practices (BMPs).	1	LS	\$15,400.00	\$15,400.00
				Bid Schedule B Total	\$1,126,924.00

"Schedule C" - Slurry Grout Abandoned 48" and 42" Techite Pipe

-	Note: All items subject to any special notes or footnotes appearing on this Engineer's estimate included with the bid documents.	-	-	-	-
-	Note: The Contract lump sum or unit price for each Contract Bid Item shall include full compensation for all labor, materials, tools, taxes, profit, overhead, incidentals and appurtenant work necessary for performing and completing the work of the Contract Bid Item as required by the Project Plans, Specifications, Special Provisions and other Contract Documents. Such compensation shall also include or take into consideration any additional provisions or conditions specifically stated immediately following the Contract Bid Item.	-	-	-	-
-	Note: In the absence of a specific bid item or specific payment provisions for any portion of the work required by the Contract Documents, the bidder shall include the bidder's compensation for that portion of the Contract work in the Contract unit price(s) and/or lump sum price(s) of the bid item(s) that require such work, or are closely related to such work. Therefore, no separate or additional payment will be made to the Contractor for any such work on the premise that such work lacks specific bid item(s) or specific payment provisions.	-	-	-	-
98	Clearing and Grubbing including Mobilization/Demolition, Dust Control, Construction Water and Site Cleanup. BID PRICE FOR THIS ITEM SHALL NOT EXCEED 3 PERCENT OF THE TOTAL OF ALL BID ITEMS FOR BID SCHEDULE C, LESS THIS ITEM.	1	LS	\$6,200.00	\$6,200.00
99	Pressure Grout Abandoned 48-inch and 42-inch Techite Pipe on Monroe Street from Lincoln Avenue to California Avenue.	8,300	LF	\$20.40	\$169,320.00
100	Excavate and Backfill Pit for Pipe Grouting.	12	EA	\$3,300.00	\$39,600.00
101	Furnish and Install Temporary Paving (3" Min.) for Each Excavated Pit, including periodic maintenance necessary to sustain a smooth driving surface at all times.	12	EA	\$1,100.00	\$13,200.00
102	Furnish and install 12-inch Class 2 Crushed Aggregate Base Material.	1	LS	\$12,400.00	\$12,400.00
103	Furnish and Install 7-Inches Thick Pavement For Each Excavated Pit, Including Full Structural Section, per City of Riverside, Public Works Department Std. Dwg. 453. Includes the Area of Work by City Forces. (See Street Improvement Plans for Structural Section).	12	EA	\$1,360.00	\$16,320.00
104	Trench Dewatering.	1	LS	\$20,000.00	\$20,000.00
105	Traffic Control, Includes Traffic Control for Construction Staking by City Survey Crew.	1	LS	\$8,700.00	\$8,700.00
106	Storm Water Pollution Prevention Control Plan (SWPPP) and Best Management Practices (BMPs).	1	LS	\$5,800.00	\$5,800.00

Bid Schedule C Total	\$291,540.00
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Subcontractor Information			
Subcontractor Name	Location	Portion	Amount
Cell-Crete Corporation	Monrovia, CA	Pipe Grouting	\$151,049.24
J. Jireh Builders, Inc.	Alta Loma, CA	Concrete	\$51,830.00
All American Asphalt	Corona, CA	Paving	\$306,639.00
Ayala Boring Inc.	Fontana, CA	Boring	\$88,100.00
Superior Pavement Markings	Cypress, CA	Striping	\$48,982.00
Los Angeles Signal Construction Inc.	San Dimas, CA	Traffic Loops	\$67,804.00