

BID PROPOSAL

To the Honorable Mayor and City Council of the City of Chula Vista.

The undersigned acknowledges that he/she has carefully examined the plans and specifications for:

**HERITAGE ROAD BRIDGE REPLACEMENT & MAIN STREET WIDENING
IN THE CITY OF CHULA VISTA, CALIFORNIA
(CIP #STM386 & STM388)
FEDERAL NO.: BRLS-5203(039)**

and that he/she has examined the location of the proposed work and has read and understands the accompanying instructions to bidders and all Contract Documents, and hereby proposes to furnish all materials, and do all the work required to complete the said work in strict accordance with said plans, specifications, and Special Provisions and all Contract Documents for the Project for the unit price(s) or lump sum(s) set forth in the following schedule. **Any Request for Information (RFI) regarding the advertised Project must be submitted via PlanetBids no later than five (5) consecutive working days prior to the submission deadline. Any RFI request later than five (5) consecutive working days prior to the bid submission deadline will not be entertained.**

The Contractor has **630 consecutive working days** to complete the project except items 7-03 “Plant Maintenance & Establishment Period” and 7-04 “Mitigation Planting Maintenance & Monitoring” are excluded from working days.

PART 1 – GENERAL & ENVIRONMENTAL

Item	Description	Qty	Unit	Unit Price	Total
1-01	Time Related Overhead	1	LS	7,560,000.00	7,560,000.00
1-02	Mobilization	1	LS	4,875,000.38	4,875,000.38
1-03	Federal Trainee Program (35 Trainees)	1	LS	2,036.00	2,036.00
1-04	Dewatering	1	LS	21,900.00	21,900.00
1-05	Construction Management Trailer	<u>30</u>	Mo	4,996.00	149,880.00

Heritage Road Bridge Replacement STM0386 &
Main Street Widening STM0388 Projects

Item	Description	Qty	Unit	Unit Price	Total
1-06	Furnish and Install Project Roadway Sign	2	EA	2,848.00	5,696.00
1-07	Water Plan and River Conveyance	1	LS	15,600.00	15,600.00
1-08	Furnish and Install Staging Area Screening	700	LF	30.25	21,175.00
1-09	Furnish and Install Temporary High-Visibility Fence	6,600	LF	12.00	79,200.00
1-10	Furnish and Implement Temporary Wildlife Corridor	1	LS	31,500.00	31,500.00
1-11	Temporary Noise Wall 1 – Heritage Northeast Quadrant	1	LS	165,000.00	165,000.00
1-12	Temporary Noise Wall 2 – Main Street Traffic	1	LS	110,000.00	110,000.00
1-13	Temporary Noise Wall 3 – Main Street Right of Way	1	LS	110,000.00	110,000.00
1-14	Control Invasive Plant Species (Weeding)	1	LS	25,800.00	25,800.00
1-15	Cutting and Bagging Invasive Flowers	1	LS	15,000.00	15,000.00
1-16	Prepare and Implement Soil and Groundwater Management	1	LS	10,400.00	10,400.00
1-17	Perform Hazardous Building Material Survey	1	LS	26,000.00	26,000.00

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PART 2 – BRIDGE CONSTRUCTION

Item	Description	Qty	Unit	Unit Price	Total
2-01	Structure Excavation (Bridge) [F]	3,123	CY	375.00	1,171,125.00
2-02	Structure Excavation (Type D) [F]	151	CY	547.00	82,597.00
2-03	Structure Backfill (Bridge) [F]	2,376	CY	170.00	403,920.00
2-04	36" Cast-In-Drilled-Hole Concrete Piling	2,783	LF	322.00	896,126.00
2-05	78" Cast-In-Drilled-Hole Concrete Piling	992	LF	1,176.00	1,166,592.00
2-06	Prestressing Cast-In-Place Concrete	1	LS	479,000.00	479,000.00
2-07	Structural Concrete, Bridge Footing [F]	497	CY	668.00	331,996.00
2-08	Structural Concrete, Bridge [F]	3,730	CY	1,336.00	4,983,280.00
2-09	Structural Concrete, Bridge (Polymer Fiber) [F]	1,732	CY	725.00	1,255,700.00
2-10	Structural Concrete, Barrier Slab [F]	42	CY	2,011.00	84,462.00
2-11	Drill And Bond Dowel	69	LF	106.00	7,314.00
2-12	Joint Seal Assembly (Mr 3")	268	LF	579.00	155,172.00
2-13	Bar Reinforcing Steel (Bridge) [F]	1,890,500	LB	1.35	2,552,175.00
2-14	Headed Bar Reinforcement [F]	56	EA	93.75	5,250.00
2-15	Minor Concrete (Sidewalk) [F]	68	CY	1,380.00	93,840.00
2-16	Minor Concrete (Bridge Median) [F]	54	CY	2,195.00	118,530.00

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Item	Description	Qty	Unit	Unit Price	Total
2-17	Miscellaneous Metal (Bridge) [F]	5,900	LB	5.10	30,090.00
2-18	Pedestrian Railing [F]	1,019	LF	1,774.00	1,807,706.00
2-19	Concrete Barrier (Type 85) [F]	1,013	LF	764.00	773,932.00
2-20	Bridge Girder Architectural Treatment	2,200	SF	62.25	136,950.00
2-21	Bridge Sidewalk Exposed Aggregate	6,540	SF	6.30	41,202.00
2-22	Bridge Median Exposed Aggregate	2,540	SF	5.25	13,335.00
2-23	Existing Bridge Removal	1	LS	238,000.00	238,000.00

PART 3 – CIVIL GENERAL

Item	Description	Qty	Unit	Unit Price	Total
3-01	Roadway Excavation and Grading [F]	24,470	CY	111.00	2,716,170.00
3-02	Crushed Miscellaneous Base (CMB) [F]	1,220	CY	76.00	92,720.00
3-03	Structure Excavation (Gravity Retaining Wall) [F]	<u>435</u>	CY	42.00	18,270.00
3-04	Structure Backfill (Gravity Retaining Wall) [F]	<u>345</u>	CY	163.00	56,235.00
3-05	Imported Roadway Borrow [F]	2,880	CY	38.25	110,160.00
3-06a	Embankment Structural Select Backfill [F]	13,890	CY	11.50	159,735.00

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Item	Description	Qty	Unit	Unit Price	Total
3-06b	Geogrid Class B1	1,000	SQYD	20.75	20,750.00
3-07a	Subgrade Reinforcement Geogrid	1,000	SQYD	10.25	10,250.00
3-07b	Crushed Rock (Unsuitable Soil at Abutments)	2,000	CY	131.00	262,000.00
3-08	Rock Slope Protection (1/2 Ton, Class VII, Method B) [F]	4,980	CY	180.00	896,400.00
3-09	Rock Slope Protection Fabric (Class 8) [F]	3,580	SQYD	5.60	20,048.00
3-10	Construct Gravity Wall [F]	210	CY	427.00	89,670.00
3-11	Construct Curb and Gutter	4,920	LF	53.75	264,450.00
3-12	Construct Curb	3,645	LF	52.00	189,540.00
3-13	Curb Opening at MWS Unit per detail D8	5	EA	4,970.00	24,850.00
3-14	Construct 4-inch thick sidewalk	5,525	SF	13.25	73,206.25
3-15	Construct 4-inch thick contiguous sidewalk	1,650	SF	16.25	26,812.50
3-16	Construct Driveway at 202+70	1	LS	21,100.00	21,100.00
3-17	Construct Driveway at 205+00	1	LS	7,400.00	7,400.00
3-18	Construct Driveway at 500+32	1	LS	7,868.00	7,868.00
3-19	Construct Driveway at 514+38	1	LS	7,868.00	7,868.00
3-20	Construct Driveway at 522+60	1	LS	7,579.00	7,579.00
3-21	Construct Driveway at 531+31	1	LS	7,898.00	7,898.00

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Item	Description	Qty	Unit	Unit Price	Total
3-22	Construct Curb Return and Type 'A' Ramp per Detail B1	1	LS	11,200.00	11,200.00
3-23	Construct Curb Return and Type 'A' Ramps per Detail B2	1	LS	10,900.00	10,900.00
3-24	Construct Parallel Curb Return and Type 'B' Ramp per Detail B3	1	LS	10,600.00	10,600.00
3-25	Construct Curb Return and Type 'A' Ramps per Detail B4	1	LS	19,300.00	19,300.00
3-26	Construct Curb Return and Type 'A' Ramp per Detail B5	1	LS	12,700.00	12,700.00
3-27	Construct Parallel Curb Return and Type 'A' Ramp per Detail B6	1	LS	10,300.00	10,300.00
3-28	Construct Modified Curb Outlet per Detail E1	1	EA	4,478.00	4,478.00
3-29	Construct Median Slab	5,130	SQFT	22.00	112,860.00
3-30	Construct Median Slab with Integral Color	3,290	SQFT	22.25	73,202.50
3-31	Construct Manhole Apron (12-inch Thick)	1.00	EA	4,545.00	4,545.00
3-32	Cold Milling of Asphalt Concrete Pavement (Grinding)	67,575	SF	0.79	53,384.25
3-33	Place Asphalt Concrete Pavement	10,412	TON	205.00	2,134,460.00
3-34	Place Asphalt Dike	735	LF	14.25	10,473.75
3-35	Construct CSPB Roadway Subgrade 13-inch	58,235	SQFT	3.00	174,705.00
3-36	Construct CSPB Sidewalk 9-inch	31,315	SQFT	4.75	148,746.25
3-37	Construct CSPB Maintenance Access Road Subgrade 9-inch	8,880	SQFT	5.55	49,284.00

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Item	Description	Qty	Unit	Unit Price	Total
3-38	CSPB Additional Cement	1	TON	269.00	269.00
3-39	Place Crushed Aggregate Base	6,422	TON	68.75	441,512.50
3-40	Furnish and Install Survey Well Monument	4	EA	4,020.00	16,080.00
3-41	Adjust Existing Survey Well Monument to Grade	4	EA	1,105.00	4,420.00
3-42	Adjustment of Manhole Cover	18	EA	2,149.00	38,682.00
3-43	Adjustment of Pull Box	20	EA	309.00	6,180.00
3-44	Adjustment of Splice Vault	1	EA	7,730.00	7,730.00
3-45	Adjustment of Sewer Manhole Cover	7	EA	2,359.00	16,513.00
3-46	Adjustment of City of San Diego Sewer Manhole Cover	2	EA	1,217.00	2,434.00
3-47	Furnish and Install City of San Diego Manhole Cover	2	EA	1,542.00	3,084.00
3-48	Apply Epoxy Coating to Sewer Manhole Improvements	9	EA	1,050.00	9,450.00
3-49	MGS Railing (Metal Posts and 12-inch Plastic Blocks)	262.5	LF	66.75	17,521.88
3-50	Type WB-31 Transition Railing	2	EA	6,311.00	12,622.00
3-51	SoftStop Terminal (8" Blocks) MASH TL-3	2	EA	5,709.00	11,418.00
3-52	Furnish and Apply Stain to Bridge Pedestrian Railing	1,019	LF	132.00	134,508.00
3-53	Furnish and Apply Stain to MGS Railing with Metal Posts	263	LF	33.50	8,810.50

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Item	Description	Qty	Unit	Unit Price	Total
3-54	Furnish and Apply Stain to Type WB-31 Transition Railing	2	EA	1,847.00	3,694.00
3-55	Furnish and Apply Stain to Stain SoftStop Terminal	2	EA	2,277.00	4,554.00
3-56	Furnish and Apply Stain to Stain Tubular Gate	4	EA	1,265.00	5,060.00
3-57	Furnish and Install Tubular Gate	4	EA	10,200.00	40,800.00
3-58	Clearing and Grubbing within River Valley	1	LS	332,000.00	332,000.00
3-59	Removal and Disposal of Existing Improvements (Heritage Rd Including Intersections)	1	LS	308,000.00	308,000.00
3-60	Removal and Disposal of Existing Improvements (Main St)	1	LS	239,000.00	239,000.00
3-61	Removal of Private Fence near 14+50	1	LS	2,857.00	2,857.00
3-62	Removal and Disposal of Gas Line in Existing Bridge (Non-Hazardous Materials)	1	LS	78,800.00	78,800.00
3-63	Sawcut Pavement	7,300	LF	6.35	46,355.00

PART 4 – DRAINAGE, WATER QUALITY, AND EROSION CONTROL

Item	Description	Qty	Unit	Unit Price	Total
4-01	18" RCP Storm Drain (1350-D)	183	LF	339.00	62,037.00
4-02	Concrete Lug 48"x18" (SDRSD D-63)	1	EA	2,447.00	2,447.00
4-03	24" RCP Storm Drain (1350-D)	323	LF	136.00	43,928.00

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Item	Description	Qty	Unit	Unit Price	Total
4-04	Curb Inlet Per SDRSD D-2 Type B-1, L=13 FT	2	EA	30,100.00	60,200.00
4-05	18" RCP Storm Drain with watertight joints (1350-D)	110	LF	327.00	35,970.00
4-06	Curb Inlet Per SDRSD D-2 Type B-1, L=16 FT	2	EA	31,600.00	63,200.00
4-07	Modular Wetland System (MWS-1) MWS-L-8-20-4'-4"-C-UG	1	EA	161,000.00	161,000.00
4-08	Modular Wetland System (MWS-2) MWS-L-8-12-4'-6"-C-UG-HC	1	EA	113,000.00	113,000.00
4-09	Modular Wetland System (MWS-3) MWS-L-8-12-4'-0"-C-UG	1	EA	97,800.00	97,800.00
4-10	Modular Wetland System (MWS-4) MWS-L-8-20-4'-2"-C-UG	1	EA	159,000.00	159,000.00
4-11	Modular Wetland System (MWS-5) MWS-L-8-20-5'-4"-V-UG	1	EA	166,000.00	166,000.00
4-12	Modular Wetland System (MWS-6) MWS-L-8-24-4'-10"-C	1	EA	139,000.00	139,000.00
4-13	Trash Capture Device	8	EA	1,012.00	8,096.00
4-14	Rip Rap Energy Dissipator	1	EA	4,317.00	4,317.00
4-15	Type A4 Cleanout (SDRSD D-09)	6	EA	11,300.00	67,800.00
4-16	Type B5 Cleanout (SDRSD D-10)	2	EA	17,300.00	34,600.00
4-17	Curb Inlet Per SDRSD D-2 Type B-1, L=6 FT	1	EA	9,296.00	9,296.00
4-18	Headwall	1	EA	11,300.00	11,300.00
4-19	Fiber Rolls	600	LF	7.45	4,470.00
4-20	Stormdrain Inlet Protection ' Gravel Bags'	1	LS	28,300.00	28,300.00

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Item	Description	Qty	Unit	Unit Price	Total
4-21	Temporary Hydromulch and Hydroseed	20,700	SF	0.50	10,350.00
4-22	Silt Fence	8,700	LF	8.75	76,125.00
4-23	Stabilized Construction Entrance	2	EA	7,594.00	15,188.00
4-24	<u>Storm Water Pollution Prevention</u>	<u>1</u>	<u>LS</u>	5,204.00	5,204.00

PART 5 –TRAFFIC CONTROL / STAGED CONSTRUCTION

Item	Description	Qty	Unit	Unit Price	Total
5-01	Traffic Signal, Push Buttons, and Electrical	1	LS	179,000.00	179,000.00
5-02	Remove Thermoplastic Traffic Stripe	35,492	LF	2.00	70,984.00
5-03	Remove Thermoplastic Traffic Marking	2,815	SF	3.55	9,993.25
5-04	Type III Barricades	31	EA	197.00	6,107.00
5-05	Temporary Traffic Cones	1	LS	9,904.00	9,904.00
5-06	Temporary Crash Cushion Module	17	EA	830.00	14,110.00
5-07	Temporary Concrete Barriers (K-Rail)	12,847	LF	18.00	231,246.00
5-08	6" Traffic Stripe (Enhanced Wet Night Visibility)	57,340	LF	3.70	212,158.00
5-09	8" Traffic Stripe (Enhanced Wet Night Visibility)	15,634	LF	4.05	63,317.70

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Item	Description	Qty	Unit	Unit Price	Total
5-10	Pavement Marker (Retroreflective)	5,767	EA	6.05	34,890.35
5-11	Temporary Traffic Control Signs	196	EA	308.00	60,368.00
5-12	Flashing Arrow Signs	8	EA	5,748.00	45,984.00
5-13	Changeable Message Board	4	EA	17,500.00	70,000.00
5-14	Temporary Asphalt Concrete Pavement	240	CY	438.00	105,120.00

PART 6 – TRAFFIC SIGNALS, SIGNING AND STRIPING, AND FIBER OPTIC

Item	Description	Qty	Unit	Unit Price	Total
6-01	4" Conduit Installation - Underground (Interconnect)	3,700	LF	40.75	150,775.00
6-02	4" Conduit Installation - Bridge (Interconnect)	500	LF	219.00	109,500.00
6-03	144-Strand SMFO Trunk Cable	3,550	LF	9.20	32,660.00
6-04	12-Strand Branch SMFO Cable	100	LF	4.10	410.00
6-05	Fiber Distribution Unit (FDU)	1	EA	2,806.00	2,806.00
6-06	Fiber System Testing and Documentation	1	LS	15,300.00	15,300.00
6-07	Tracer Wire	3,550	LF	3.05	10,827.50
6-08	Splice Tray	6	EA	510.00	3,060.00

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Item	Description	Qty	Unit	Unit Price	Total
6-09	Splice Vault	3	EA	8,673.00	26,019.00
6-10	Splice Enclosure	3	EA	11,200.00	33,600.00
6-11	Install Roadside Sign	44	EA	1,515.00	66,660.00
6-12	Pedestrian Barricade	4	EA	40.00	160.00
6-13	Remove Sign	29	EA	404.00	11,716.00
6-14	Remove Pavement Legend	300	SF	3.55	1,065.00
6-15	Remove Stripe	25,100	LF	2.00	50,200.00
6-16	Install Pavement Legend - Thermoplastic (Asphalt)	1,740	SF	15.25	26,535.00
6-17	Install Stripe - Thermoplastic (Concrete)	3,250	LF	3.85	12,512.50
6-18	Install Stripe - Paint	61,000	LF	2.55	155,550.00
6-19	2" Conduit Installation (Street Lighting)	4,800	LF	32.75	157,200.00
6-20	#8 Conductor (Street Lighting)	11,000	LF	3.05	33,550.00
6-21	#8 Conductor (Irrigation)	900	LF	3.55	3,195.00
6-22	#10 Conductor (Street Lighting)	11,000	LF	2.55	28,050.00
6-23	#10 Conductor (Irrigation)	900	LF	2.80	2,520.00
6-24	Luminaire (Street Lighting)	14	EA	2,041.00	28,574.00
6-25	Street Light Pole Standard	6	EA	6,122.00	36,732.00

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Item	Description	Qty	Unit	Unit Price	Total
6-26	Architectural Street Light Pole Standard	8	EA	8,163.00	65,304.00
6-27	Street Light Foundation	11	EA	3,061.00	33,671.00
6-28	Pull Box (Street Lighting)	15	EA	2,653.00	39,795.00
6-29	Pull Box (Irrigation)	6	EA	714.00	4,284.00
6-30	Relocated Street Light	1	EA	4,592.00	4,592.00
6-31	#6 Conductor (Traffic Signal)	2,500	LF	4.10	10,250.00
6-32	#8 Conductor (Traffic Signal)	2,500	LF	3.55	8,875.00
6-33	2" Conduit Installation (Traffic Signal)	2,501	LF	25.50	63,775.50
6-34	3" Conduit Installation (Traffic Signal)	2,000	LF	46.00	92,000.00
6-35	EVP Detector	3	EA	10,200.00	30,600.00
6-36	GPS Radio	2	EA	8,163.00	16,326.00
6-37	Install Mast Arm Mounted Sign	4	EA	765.00	3,060.00
6-38	Loop Detector	69	EA	1,122.00	77,418.00
6-39	Luminaire (Traffic Signal)	4	EA	1,837.00	7,348.00
6-40	Pedestrian Push Button	9	EA	4,286.00	38,574.00
6-41	Pedestrian Signal Head	9	EA	1,276.00	11,484.00
6-42	Pull Box (Traffic Signal)	6	EA	765.00	4,590.00

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Item	Description	Qty	Unit	Unit Price	Total
6-43	6E Pull Box (Traffic Signal)	8	EA	1,276.00	10,208.00
6-44	Service Meter	1	EA	12,200.00	12,200.00
6-45	Pole Mounted Sign	5	EA	305.00	1,525.00
6-46	Traffic Signal Controller and Cabinet	1	EA	35,700.00	35,700.00
6-47	Type 1-A Pole	3	EA	3,878.00	11,634.00
6-48	Vehicular Signal Head	18	EA	1,531.00	27,558.00
6-49	Ethernet Switch	1	EA	6,633.00	6,633.00
6-50	Ethernet Switch Configuration and Integration	1	LS	2,551.00	2,551.00
6-51	Street Name Sign	3	EA	1,276.00	3,828.00
6-52	Type 15TS Pole	1	EA	11,200.00	11,200.00
6-53	Type 26 Pole	1	EA	42,900.00	42,900.00
6-54	Type 29 Pole	1	EA	61,200.00	61,200.00
6-55	Type 61 Pole	1	EA	72,400.00	72,400.00
6-56	CCTV Camera	1	EA	10,700.00	10,700.00
6-57	Vehicular Signal Head Modification	4	EA	4,592.00	18,368.00
<u>6-58</u>	<u>City Utility Bridge Hangers</u>	<u>45</u>	<u>EA</u>	816.00	36,720.00
<u>6-59</u>	<u>Miscellaneous Traffic Signal Equipment and Labor</u>	<u>1</u>	<u>LS</u>	76,500.00	76,500.00

PART 7 –LANDSCAPE CONSTRUCTION, PLANTING, AND IRRIGATION

Heritage Road Bridge Replacement STM0386 &
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Item	Description	Qty	Unit	Unit Price	Total
7-01	Shrubs & Groundcover	1	LS	185,000.00	185,000.00
7-02	Hydroseed & Mechanically Bonded Fiber Matrix	294,344	SF	0.16	47,095.04
7-03	Plant Maintenance & Establishment Period	20,270	SF	0.83	16,824.10
7-04	Mitigation Planting Maintenance & Monitoring	1	LS	221,000.00	221,000.00
7-05	Temporary Irrigation System Meter	1	EA	30,000.00	30,000.00
7-06	Temporary Irrigation System	1	LS	224,000.00	224,000.00
7-07	Remove Tree (Mexican Fan Palm)	7	EA	1,979.00	13,853.00
7-08	Remove Tree (Coastal Live Oak)	1	EA	2,041.00	2,041.00
7-09	Tree Protection	16	EA	250.00	4,000.00
7-10	NDS 6" Black Atrium Grate	2	EA	155.00	310.00
7-11	4" Perforated Main Drain Line	170	LF	16.50	2,805.00
7-12	Decomposed Granite & Weed Blocking Fabric	14,700	SF	5.25	77,175.00
7-13	Metal Edging	1,020	LF	11.50	11,730.00
7-14	Chain Link Fence (Black Vinyl-Coated)	660	LF	117.00	77,220.00
7-15	Post And Rail Fence	4,949	LF	74.00	366,226.00
7-16	Vehicle Access Gate (Decorative)	1	EA	17,700.00	17,700.00
7-17	Pedestrian Access Gate	4	EA	8,958.00	35,832.00

Heritage Road Bridge Replacement STM0386 &
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Item	Description	Qty	Unit	Unit Price	Total
7-18	Backflow Preventer (1-1/2")	1	EA	8,191.00	8,191.00
7-19	Automatic Irrigation Controller	2	EA	19,700.00	39,400.00
7-20	Landscape Irrigation System	1	LS	144,000.00	144,000.00
7-21	Soil Amendment	313,706	SF	0.55	172,538.30
7-22	Pre & Post Emergent Pesticide/Herbicide Treatment	1	LS	16,600.00	16,600.00
7-23	Mulch & Weed Blocking Fabric	1	LS	31,000.00	31,000.00
7-24	Root Barrier	80	LF	15.50	1,240.00
7-25	24" Box Trees	14	EA	775.00	10,850.00

PART 8 – POTABLE WATER

Item	Description	Qty	Unit	Unit Price	Total
8-01	Water Improvement Mobilization, Demobilization, Bonds, Permits, Insurance, & Cleanup	1	LS	125,000.00	125,000.00
8-02	Excavation Support System/Shoring	1	LS	2,405.00	2,405.00
8-03	16-inch Cement Mortar Lined and Coated, Tape Wrapped Pipe	849	LF	850.00	721,650.00
8-04	12-inch Cement Mortar Lined and Coated, Tape Wrapped Pipe	60	LF	1,186.00	71,160.00
8-05	12-inch Cement Mortar Lined and Polyurethane Coated Pipe	960	LF	648.00	622,080.00

Heritage Road Bridge Replacement STM0386 &
Main Street Widening STM0388 Projects

Item	Description	Qty	Unit	Unit Price	Total
8-06	16-inch Butterfly Valve	9	EA	12,700.00	114,300.00
8-07	12-inch Gate Valve, Buried	4	EA	6,922.00	27,688.00
8-08	6-inch Fire Hydrant Assembly	1	EA	22,600.00	22,600.00
8-09	4-inch Blow-off Assembly	3	EA	15,500.00	46,500.00
8-10	4-inch Combination Air Valve Assembly	5	EA	18,900.00	94,500.00
8-11	2-inch Water Service	1	EA	7,892.00	7,892.00
8-12	Pipe Supports - Potable Water Pipeline	1	LS	22,300.00	22,300.00
8-13	Pipe Supports - Future Recycled Water Pipeline	1	LS	20,500.00	20,500.00
8-14	STA 8+58.92 - Connect 16-inch Water to Existing Water Main	1	LS	15,100.00	15,100.00
8-15	STA 22+65.83 - Connect 16-inch Water to Existing Water Main	1	LS	41,300.00	41,300.00
8-16	12-inch Flexible Expansion Joint	4	EA	21,000.00	84,000.00
8-17	Flexible Joint Vaults	4	EA	37,500.00	150,000.00
8-18	Pressure Reducing Station Vault	1	LS	71,300.00	71,300.00
8-19	12-inch Gate Valve, PRS	2	EA	5,103.00	10,206.00
8-20	4-inch Gate Valve, PRS	2	EA	2,164.00	4,328.00
8-21	12-inch Pressure Reducing Valve	1	EA	39,700.00	39,700.00

Heritage Road Bridge Replacement STM0386 &
Main Street Widening STM0388 Projects

Item	Description	Qty	Unit	Unit Price	Total
8-22	4-inch Pressure Reducing Valve	1	EA	9,598.00	9,598.00
8-23	Pressure Reducing Station Piping & Fittings	1	LS	60,900.00	60,900.00
8-24	Cathodic Protection System	1	LS	69,200.00	69,200.00
8-25	Electrical & Instrumentation	1	LS	331,000.00	331,000.00
8-26	Utility Crossings Not Identified On Plans Greater than 4-inches in Diameter	3	EA	7,605.00	22,815.00
8-27	Unknown or Unidentified Utilities Allowance	1	LS	\$15,000.00	15,000.00

PART 9 –SDG&E GAS

Item	Description	Qty	Unit	Unit Price	Total
9-01	Gas Support Pedestal [F]	46	EA	1,142.00	52,532.00

Heritage Road Bridge Replacement STM0386 &
Main Street Widening STM0388 Projects

SUBTOTAL PART 1 – GENERAL & ENVIRONMENTAL:	13,224,187.38	
SUBTOTAL PART 2 – BRIDGE CONSTRUCTION:	16,828,294.00	
SUBTOTAL PART 3 – CIVIL GENERAL:	9,724,473.38	
SUBTOTAL PART 4 – DRAINAGE, WATER QUALITY, AND EROSION CONTROL:	1,378,628.00	
SUBTOTAL PART 5 – TRAFFIC CONTROL / STAGED CONSTRUCTION:	1,113,182.30	
SUBTOTAL PART 6 – TRAFFIC SIGNALS, SIGNING AND STRIPING, AND FIBER OPTIC:	1,952,948.50	
SUBTOTAL PART 7 – LANDSCAPE AND IRRIGATION:	1,756,630.44	
SUBTOTAL PART 8 – POTABLE WATER:	2,823,022.00	
SUBTOTAL PART 9 – GAS PIPE SUPPORTS (SDG&E):	52,532.00	
GRAND TOTAL (PARTS 1 THROUGH 9):	48,853,898.00	(In Figures)

Forty Eight Million Eight Hundred Fifty Three Thousand Eight Hundred Ninety Eight Dollars and No Cents **(In Words)**