

2022 Wastewater Infrastructure Program Support						730 Days	SEMA Construction, Inc.: Fidelity and Deposit Company of Maryland/Federal Insurance Company		Brannan Construction Company: Western Surety Company	
2022XXXXX										
Bid Item	Description	Qty	Units	Unit Cost	Total Cost	Unit Bid	Total Bid	Unit Bid	Total Bid	
Supplemental Labor (Labor Cost Per Position)										
13-1051	Estimator	40	HR	\$119.20	\$4,767.84	\$150.00	\$6,000.00	\$237.00	\$9,480.00	
13-1198	Project Manager	40	HR	\$119.20	\$4,767.84	\$145.00	\$5,800.00	\$284.00	\$11,360.00	
11-9021	Superintendent	40	HR	\$108.36	\$4,334.40	\$130.00	\$5,200.00	\$237.00	\$9,480.00	
47-1011	Foreman	40	HR	\$68.90	\$2,756.16	\$115.00	\$4,600.00	\$189.00	\$7,560.00	
17-3025	Erosion Control Supervisor	40	HR	\$90.00	\$3,600.00	\$150.00	\$6,000.00	\$172.00	\$6,880.00	
17-2051	Engineer - Civil	40	HR	\$72.35	\$2,893.92	\$170.00	\$6,800.00	\$275.00	\$11,000.00	
47-3019a	Laborer Group 1 Construction	40	HR	\$79.35	\$3,174.00	\$50.00	\$2,000.00	\$132.00	\$5,280.00	
47-3019b	Laborer Group 2 Construction	40	HR	\$90.60	\$3,624.00	\$55.00	\$2,200.00	\$132.00	\$5,280.00	
47-2061a	Common Laborer	40	HR	\$46.26	\$1,850.40	\$55.00	\$2,200.00	\$132.00	\$5,280.00	
47-3011	Concrete Laborer	40	HR	\$46.26	\$1,850.40	\$55.00	\$2,200.00	\$132.00	\$5,280.00	
37-3011	Landscape/Irrigation Laborer	40	HR	\$49.86	\$1,994.40	\$50.00	\$2,000.00	\$69.00	\$2,760.00	
49-1011	Landscape Foreman	40	HR	\$64.26	\$2,570.40	\$80.00	\$3,200.00	\$110.00	\$4,400.00	
47-5098a	Tunnel Labor Group 1	40	HR	\$80.49	\$3,219.60	\$70.00	\$2,800.00	\$103.00	\$4,120.00	
47-5098b	Tunnel Labor Group 2	40	HR	\$80.82	\$3,232.80	\$75.00	\$3,000.00	\$110.00	\$4,400.00	
47-5098c	Tunnel Labor Group 3	40	HR	\$85.65	\$3,426.00	\$80.00	\$3,200.00	\$117.00	\$4,680.00	
47-5098d	Tunnel Labor Group 4	40	HR	\$90.60	\$3,624.00	\$85.00	\$3,400.00	\$124.00	\$4,960.00	
47-5098e	Tunnel Labor Group 5	40	HR	\$84.30	\$3,372.00	\$80.00	\$3,200.00	\$131.00	\$5,240.00	
47-2151	Pipelaye	40	HR	\$47.88	\$1,915.20	\$80.00	\$3,200.00	\$142.00	\$5,680.00	
47-2152a	Pipefitter	40	HR	\$76.38	\$3,055.20	\$100.00	\$4,000.00	\$134.00	\$5,360.00	
47-2031	Carpenter: Concrete Form Building and Setting	40	HR	\$58.43	\$2,337.38	\$85.00	\$3,400.00	\$2,480.00	\$99,200.00	
47-3012	Carpenter: Concrete All Other Work	40	HR	\$55.53	\$2,221.20	\$75.00	\$3,000.00	\$2,480.00	\$99,200.00	
47-2051a	Cement Mason	40	HR	\$60.48	\$2,419.20	\$75.00	\$3,000.00	\$69.00	\$2,760.00	
47-2051b	Concrete Finisher	40	HR	\$55.53	\$2,221.20	\$75.00	\$3,000.00	\$69.00	\$2,760.00	
47-2171	Ironworker, Reinforcing	40	HR	\$68.19	\$2,727.60	\$85.00	\$3,400.00	\$103.00	\$4,120.00	
47-2111	Master Electrician	40	HR	\$54.97	\$2,198.80	\$125.00	\$5,000.00	\$172.00	\$6,880.00	
47-2112	Journeyman Electrician	40	HR	\$34.33	\$1,373.34	\$100.00	\$4,000.00	\$138.00	\$5,520.00	
49-2095	Lift Station Mechanic	40	HR	\$30.00	\$1,200.00	\$150.00	\$6,000.00	\$206.00	\$8,240.00	
47-2152b	Master Plumber	40	HR	\$53.28	\$2,131.20	\$125.00	\$5,000.00	\$172.00	\$6,880.00	
51-4121	Welder (Certified)	40	HR	\$40.00	\$1,600.00	\$165.00	\$6,600.00	\$275.00	\$11,000.00	
47-2073a	Backhoe Operator	40	HR	\$116.85	\$4,674.00	\$80.00	\$3,200.00	\$170.00	\$6,800.00	
53-7051a	Forklift Operator	40	HR	\$58.95	\$2,358.00	\$70.00	\$2,800.00	\$170.00	\$6,800.00	
53-7051b	Skid Loader Operator	40	HR	\$93.57	\$3,742.80	\$70.00	\$2,800.00	\$170.00	\$6,800.00	
53-7051c	Broom/Sweeper Operator	40	HR	\$121.26	\$4,850.40	\$65.00	\$2,600.00	\$124.00	\$4,960.00	
47-2071c	Motor Grader Operator (Rough and Finish)	40	HR	\$124.56	\$4,982.40	\$80.00	\$3,200.00	\$170.00	\$6,800.00	
47-2071a	Roller/Compactor Operator (Dirt and Grade Compaction)	40	HR	\$77.43	\$3,097.20	\$65.00	\$2,600.00	\$114.00	\$4,560.00	
53-7021	100-200 Ton Crane Operator	40	HR	\$35.00	\$1,400.00	\$100.00	\$4,000.00	\$550.00	\$22,000.00	
47-2073b	Excavator Operator (Mini, Small and Large Size)	40	HR	\$116.85	\$4,674.00	\$80.00	\$3,200.00	\$180.00	\$7,200.00	
47-5044	Loader Operator (Mini, Small and Large Size)	40	HR	\$117.30	\$4,692.00	\$70.00	\$2,800.00	\$180.00	\$7,200.00	
49-3042	Mechanic	40	HR	\$125.04	\$5,001.60	\$80.00	\$3,200.00	\$227.00	\$9,080.00	
49-9043	Fueler/Oiler	40	HR	\$121.32	\$4,852.80	\$80.00	\$3,200.00	\$117.00	\$4,680.00	
53-3032a	Tandem Dump Truck Driver	40	HR	\$67.56	\$2,702.40	\$65.00	\$2,600.00	\$132.00	\$5,280.00	
53-3032b	End Dump/Side Dump Semi Truck Driver	40	HR	\$67.56	\$2,702.40	\$65.00	\$2,600.00	\$132.00	\$5,280.00	
53-3032c	Lowboy Semi Truck Driver	40	HR	\$67.56	\$2,702.40	\$70.00	\$2,800.00	\$151.00	\$6,040.00	
53-3032d	Water Truck Driver	40	HR	\$94.62	\$3,784.80	\$75.00	\$3,000.00	\$96.00	\$3,840.00	
33-9091	Traffic Control Flagger	40	HR	\$35.00	\$1,400.00	\$50.00	\$2,000.00	\$62.00	\$2,480.00	
47-1011a	Traffic Control Supervisor	40	HR	\$45.00	\$1,800.00	\$150.00	\$6,000.00	\$124.00	\$4,960.00	
47-2061	Traffic Control Laborer	40	HR	\$25.00	\$1,000.00	\$60.00	\$2,400.00	\$62.00	\$2,480.00	
33-3051	Uniform Traffic Control	40	HR	\$79.00	\$3,160.00	\$205.00	\$8,200.00	\$275.00	\$11,000.00	
51-9124	Profile Epoxy Paint Truck Operator	40	HR	\$35.00	\$1,400.00	\$80.00	\$3,200.00	\$124.00	\$4,960.00	
47-1011b	CCTV Inspection Foreman-CCTV Inspection Vehicle Operator X 10%	40	HR	\$77.98	\$3,119.16	\$100.00	\$4,000.00	\$557.00	\$22,280.00	
27-4011	CCTV Inspection Operator-(Distributor Truck Driver Rates X 1.5) X 2	40	HR	\$70.89	\$2,835.60	\$80.00	\$3,200.00	\$557.00	\$22,280.00	
47-2061a	CCTV Inspection Laborer-(Common Laborer Rates X 1.5)*2	40	HR	\$46.26	\$1,850.40	\$65.00	\$2,600.00	\$557.00	\$22,280.00	
47-1011c	Hydro-Excavation/Potholing Foreman-Hydro-Excavation/Potholing Truck Operator X 10%	40	HR	\$104.08	\$4,163.28	\$100.00	\$4,000.00	\$550.00	\$22,000.00	
47-2061b	Hydro-Excavation/Potholing Operator-(Water Truck Driver Rates X 1.5) X 2	40	HR	\$94.62	\$3,784.80	\$80.00	\$3,200.00	\$482.00	\$19,280.00	
47-2061c	Hydro-Excavation/Potholing Laborer-(Common Laborer Rates X 1.5)*2	40	HR	\$46.26	\$1,850.40	\$65.00	\$2,600.00	\$550.00	\$22,000.00	
47-4071a	Combination Vac/Jet Foreman-Combination Vac/Jet Truck Operator X 10%	40	HR	\$104.08	\$4,163.28	\$100.00	\$4,000.00	\$557.00	\$22,280.00	
47-4071b	Combination Vac/Jet Operator-(Water Truck Driver Rates X 1.5) X 2	40	HR	\$94.62	\$3,784.80	\$80.00	\$3,200.00	\$557.00	\$22,280.00	
47-4071c	Combination Vac/Jet Laborer-(Common Laborer Rates X 1.5)*2	40	HR	\$46.26	\$1,850.40	\$65.00	\$2,600.00	\$557.00	\$22,280.00	
53-7041	Multi-Purpose Specialty & Hoisting Truck Operator/Driver-(Multi-Purpose Specialty & Hoisting Truck Operator/Driver Rates X 1.5) X 2	40	HR	\$61.98	\$2,479.20	\$65.00	\$2,600.00	\$550.00	\$22,000.00	
17-2081a	Environmental Engineer	40	HR	\$200.00	\$8,000.00	\$150.00	\$6,000.00	\$275.00	\$11,000.00	
17-2081b	Structural Engineer	40	HR	\$350.00	\$14,000.00	\$180.00	\$7,200.00	\$344.00	\$13,760.00	

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17-2081c	Vibration Engineer/Consultant	40	HR	\$400.00	\$16,000.00	\$210.00	\$8,400.00	\$275.00	\$11,000.00		
23-1011	Real Estate Attorney	40	HR	\$250.00	\$10,000.00	\$360.00	\$14,400.00	\$688.00	\$27,520.00		
02-82.16.10	State of CO Certified Asbestos Building Inspector (CABI)	40	HR	\$100.00	\$4,000.00	\$135.00	\$5,400.00	\$206.00	\$8,240.00		
47-4041	Asbestos Removal Laborer	40	HR	\$55.00	\$2,200.00	\$105.00	\$4,200.00	\$138.00	\$5,520.00		
51-4032	Environmental Boring/Sampling Labor	40	HR	\$35.00	\$1,400.00	\$135.00	\$5,400.00	\$151.00	\$6,040.00		
47-5097	Drill Rig Labor	40	HR	\$35.00	\$1,400.00	\$65.00	\$2,600.00	\$138.00	\$5,520.00		
47-5097a	Drill Rig Operator	40	HR	\$45.00	\$1,800.00	\$100.00	\$4,000.00	\$206.00	\$8,240.00		
17-2111	Industrial Hygienist	40	HR	\$180.00	\$7,200.00	\$150.00	\$6,000.00	\$172.00	\$6,880.00		
01-78.33.01	Warranty, Performance and Payment Bonding for Duration of Project-Based on 0.089% from Previous Contract Bond Amount	1	LS	\$17,800.00	\$17,800.00	\$115,000.00	\$115,000.00	\$20,472.00	\$20,472.00		
02-22.13.01	Vibration Site Monitoring - Includes 2 GEO Phones per site per day and real time data for on-site personnel.	20	DAYS	\$1,200.00	\$24,000.00	\$450.00	\$9,000.00	\$2,060.00	\$41,200.00		
Supplemental Work (Labor Equipment & Materials Cost)											
12.1.6a	COMBINATION CURB, GUTTER & SIDEWALK (4'-11")-Includes all labor and equipment costs necessary to perform the work. Any Concrete products including ready mixed concrete, flowfill, flashfill, Masonry P	200	LF	\$59.50	\$11,900.00	\$212.00	\$42,400.00	\$275.00	\$55,000.00		
202-00019	REMOVAL OF INLET-Includes all costs of whatsoever nature to install including all labor, equipment and materials.	5	EA	\$442.50	\$2,212.50	\$1,800.00	\$9,000.00	\$11,400.00	\$57,000.00		
202-00033	REMOVAL OF SIPHON-Includes all costs of whatsoever nature to install including all labor, equipment and materials.	7	EA	\$501.25	\$3,508.75	\$25,000.00	\$175,000.00	\$13,100.00	\$91,700.00		
202-00200	REMOVAL OF SIDEWALK-Includes all costs of whatsoever nature to install including all labor, equipment and materials.	800	SY	\$9.63	\$7,704.00	\$20.00	\$16,000.00	\$60.00	\$48,000.00		
202-00201	REMOVAL OF CURBHEAD-Includes all costs of whatsoever nature to install including all labor, equipment and materials.	250	LF	\$6.63	\$1,657.50	\$15.00	\$3,750.00	\$73.00	\$18,250.00		
202-00203	REMOVAL OF CURB AND GUTTER-Includes all costs of whatsoever nature to install including all labor, equipment and materials.	800	LF	\$7.85	\$6,280.00	\$15.00	\$12,000.00	\$40.00	\$32,000.00		
202-00204	REMOVAL OF COMBINATION CURB, GUTTER AND SIDEWALK-Includes all costs of whatsoever nature to install including all labor, equipment and materials.	800	LF	\$10.31	\$8,248.00	\$30.00	\$24,000.00	\$40.00	\$32,000.00		
202-00208	REMOVAL AND RESET FLAGSTONE (INCLUDES SALVAGE AND STORAGE)-Includes all costs of whatsoever nature to install including all labor, equipment and materials.	100	SY	\$22.63	\$2,263.00	\$200.00	\$20,000.00	\$209.00	\$20,900.00		
202-00210	REMOVAL OF CONCRETE PAVEMENT-Includes all costs of whatsoever nature to install including all labor, equipment and materials.	909	SY	\$10.73	\$9,753.57	\$40.00	\$36,360.00	\$72.00	\$65,448.00		
202-00220	REMOVAL OF ASPHALT MAT-Includes all costs of whatsoever nature to install including all labor, equipment and materials.	1200	SY	\$7.00	\$8,400.00	\$15.00	\$18,000.00	\$21.00	\$25,200.00		
202-01000	REMOVAL OF FENCE-Includes all costs of whatsoever nature to install including all labor, equipment and materials.	150	LF	\$10.56	\$1,584.00	\$15.00	\$2,250.00	\$52.00	\$7,800.00		
202-05020	TRIP HAZARD SAWING (<= 5 LOCATIONS 1 WEEK COMPLETION)-Includes all costs of whatsoever nature to install including all labor, equipment and materials.	150	IN-FT	\$30.00	\$4,500.00	\$15.00	\$2,250.00	\$138.00	\$20,700.00		
202-05021	TRIP HAZARD SAWING (>5 LOCATIONS 1 MONTH COMPLETION)-Includes all costs of whatsoever nature to install including all labor, equipment and materials.	100	IN-FT	\$28.00	\$2,800.00	\$10.00	\$1,000.00	\$138.00	\$13,800.00		
20-2WIP.1	Asphalt Surface Course, SX, RAP 20%, N=100, 64-22 Labor and equipment to install only for Normal Size Paving Over 20 TNS. Asphalt Material to be paid via allowance account -Normal Size Paving Over 20	10000	SY/IN	\$6.00	\$60,000.00	\$12.00	\$120,000.00	\$22.00	\$220,000.00		
20-2WIP.2	Asphalt Surface Course, SX, RAP 20%, N=100, 64-22 Labor and equipment to install only for Small Paving Under 20 TNS. Asphalt material to be paid via allowance account -Small Paving Under 20 TNS	10000	SY/IN	\$25.00	\$250,000.00	\$24.00	\$240,000.00	\$18.00	\$180,000.00		
203-00000	UNCLASSIFIED EXCAVATION	800	CY	\$31.33	\$25,064.00	\$25.00	\$20,000.00	\$165.00	\$132,000.00		
20-3WIP.1	Asphalt Base Course, S, RAP 20%, N=100, 64-22 Labor and equipment to install only for Normal Size Paving Over 20 TNS. Asphalt material to be paid via allowance account-Normal Size Paving Over 20 TNS	20000	SY/IN	\$5.00	\$100,000.00	\$10.00	\$200,000.00	\$23.00	\$460,000.00		
20-3WIP.2	Asphalt Base Course, S, RAP 20%, N=100, 64-22 Labor and equipment to install only for Small Paving Under 20 TNS. Asphalt material to be paid via allowance account-Small Paving Under 20 TNS	20000	SY/IN	\$27.00	\$540,000.00	\$20.00	\$400,000.00	\$21.00	\$420,000.00		
20-4	Asphalt Rotomill- Includes excess material haul off -Includes Haul Off	1800	SY/IN	\$3.00	\$5,400.00	\$2.50	\$4,500.00	\$19.00	\$34,200.00		
210-04020	RESET INLET GRATE, FRAME, AND ADJUSTABLE CURB BOX (NEW CASTING)-Includes all costs of whatsoever nature to install including all labor, equipment and materials.	9	EA	\$1,109.38	\$9,984.42	\$2,500.00	\$22,500.00	\$11,900.00	\$107,100.00		
412-00400	4" CONCRETE PAVEMENT-Includes all labor and equipment costs necessary to perform the work. Any Concrete products including ready mixed concrete, flowfill, flashfill, Masonry Products, Concrete Forms	100	SY	\$62.50	\$6,250.00	\$96.00	\$9,600.00	\$169.00	\$16,900.00		
412-00600	CONCRETE PAVEMENT (6 Inch)-Includes all labor and equipment costs necessary to perform the work. Any Concrete products including ready mixed concrete, flowfill, flashfill, Masonry Products, Concrete	430	SY	\$70.00	\$30,100.00	\$106.00	\$45,580.00	\$189.00	\$81,270.00		

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01-21.26.05D	Asphalt materials-as approved by the city project manager. Installation will be paid for in line item 20-2ce, 20-3ce.	1	A/A	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00
01-21.26.05E	Pre-Cast Materials/Reinforced Concrete Pipe and Manholes-as approved by the city project manager.	1	A/A	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00
01-21.26.05F	Reinforced Polymer Mortar Pipe Materials-as approved by the city project manager.	1	A/A	\$80,000.00	\$80,000.00	\$80,000.00	\$80,000.00	\$80,000.00	\$80,000.00	\$80,000.00	\$80,000.00
01-21.26.05G	Landscape Products/Materials-Soil, Amendments, Chemical Fertilizers, Irrigation Components, Seeding, Sodding and Water or any other landscape products specified by the city project manager to compete	1	A/A	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00
01-21.26.05H	Truck Lining and Miscellaneous Environmental Controls Associated with Hauling of Construction Debris & Contaminated Material-or any other environmental service needed.	1	A/A	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00
01-21.26.05I	Erosion Control Measures (Materials Only) -i.e. Silt Fence, Straw Waddles, Erosion Control Blankets, Rock Socks, Inlet Protection Devices, VTC, Seeding, Sodding, Hydro mulching, etc. or any other envi	1	A/A	\$80,000.00	\$80,000.00	\$80,000.00	\$80,000.00	\$80,000.00	\$80,000.00	\$80,000.00	\$80,000.00
01-21.26.05J	Water Treatment Filter Media, Consumables -Items include air, water, and oil filters; Consumables, Resins, Ion Exchange Media, Process Media & Chemicals ? Consumables including resins, ion exchange me	1	A/A	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00
01-21.13.01A	Water Treatment Equipment-meeting all municipal, state, and federal rules and regulations All associated treatment vessels, frack tanks, weir tanks, bag filter vessels, pumps, hoses, piping, chemical	1	A/A	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00
01-21.13.01B	Traffic Control Rental Equipment, Devices, Etc-Traffic Control Rental Equipment, Devices, Permits & MHTs-Traffic Cones, Vertical Panels, Type 3 Barricades, Jersey Barriers, VMS, Arrow Boards, Specialt	1	A/A	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00
01-21.13.01C	All Construction Equipment-item includes all construction equipment, shoring equipment, slide rail, Trench Boxes and any other equipment specified by the city project manager to compete the work.	1	A/A	\$400,000.00	\$400,000.00	\$400,000.00	\$400,000.00	\$400,000.00	\$400,000.00	\$400,000.00	\$400,000.00
Textura Fee (Fixed)		1	EA	\$5,850.00	\$5,850.00	\$5,850.00	\$5,850.00	\$5,850.00	\$5,850.00	\$5,850.00	\$5,850.00
Engineers Estimate of Base Bid Total:					\$3,140,449.68						
BID TOTAL AMOUNT							\$3,903,881.00	\$5,534,605.00			