

# 2021 Rocky Point I Waterline and PRV Replacement Project

Advertised 01/15/2021

Bid Due on March 04, 2021 10:00 AM (PST)

Item	Description	Unit	Quantity	Haen Constructors	White Rock Construction, Inc.	RaPID Construction, Inc.
<b>BID SCHEDULE A: 2021 ROCKY I WATERLINE REPLACEMENT</b>						
1	Mobilization and Demobilization (Not to exceed 10% of Bid Schedule A, excluding this item)	LS	1	\$115,000.00	\$40,000.00	\$163,006.30
2	Waterline Erosion Control	LS	1	\$18,500.00	\$5,000.00	\$20,500.00
3	Groundwater Dewatering	LS	1	\$500.00	\$5,000.00	\$8,000.00
4	Traffic Control	LS	1	\$18,000.00	\$39,000.00	\$17,500.00
5	Sheeting, Shoring and Bracing	LS	1	\$5,000.00	\$10,000.00	\$10,000.00
6	Potholing	LS	1	\$35,000.00	\$27,000.00	\$80,000.00
7	8-Inch Water Main	LF	4130	\$735,140.00	\$722,750.00	\$867,300.00
8	2-Inch Water Main	LF	185	\$12,950.00	\$22,755.00	\$12,025.00
9	3/4" Single Service	EA	33	\$108,900.00	\$115,500.00	\$148,500.00
10	1" Single Service	EA	2	\$6,600.00	\$7,200.00	\$9,000.00
11	1" Single Service for 3/4" Double	EA	5	\$19,000.00	\$21,000.00	\$25,000.00
12	Fire Hydrant Installation	EA	8	\$79,200.00	\$88,000.00	\$88,000.00
13	Tie-In at Rocky Point Rd and Pinehill Rd (P4, Sta PH 1+00)	LS	1	\$4,675.00	\$6,000.00	\$13,500.00
14	Tie-in at Rocky Point Rd and Primrose Rd (P1, Sta R 1+00)	LS	1	\$7,600.00	\$8,000.00	\$8,000.00
15	Tie-in at Rocky Point Rd and Chonokis Rd (P1, Sta R 4+32 and R 4+44)	LS	1	\$9,000.00	\$14,000.00	\$15,000.00
16	Tie-in at Rocky Point Rd and Glen Rd (P7, Sta GL 1+00)	LS	1	\$6,300.00	\$4,000.00	\$7,000.00
17	Cut, Cap and Abandon in place water mains and Valves	EA	9	\$7,200.00	\$9,000.00	\$36,000.00
18	PRV Vault	LS	1	\$20,000.00	\$19,000.00	\$27,000.00
19	PRV and Interior Piping	LS	1	\$32,000.00	\$37,000.00	\$42,500.00
20	Clear and Grub PRV Site including tree removal	LS	1	\$1,900.00	\$6,000.00	\$3,500.00
21	Site Revegetation	LS	1	\$2,400.00	\$5,000.00	\$5,000.00
22	Demo Existing PRV and Vault	LS	1	\$4,700.00	\$4,500.00	\$12,000.00
23	Demo Existing Fire Hydrant	EA	1	\$1,500.00	\$2,000.00	\$2,500.00
24	Install Concrete Bollards	EA	4	\$3,920.00	\$2,800.00	\$6,000.00
25	Non-Excavatable Rock Removal	CY	300	\$9,900.00	\$90,000.00	\$6,000.00
26	4-Inch Trench Patch	SF	15000	\$115,500.00	\$172,500.00	\$240,000.00
27	2-Inch Mill and Overlay	SF	30000	\$102,300.00	\$127,500.00	\$150,000.00
28	3-Inch Miscellaneous Patch Paving	SF	500	\$7,500.00	\$6,500.00	\$8,000.00
29	Rocky Waterline Contingency Work	LS	1	\$40,000.00	\$40,000.00	\$40,000.00
			<b>Subtotal</b>	<b>\$1,530,185.00</b>	<b>\$1,657,005.00</b>	<b>\$2,070,831.30</b>
<b>BID SCHEDULE B: STEWART WAY WATERMAIN AND SERVICES</b>						
30	Stewart Waterline Mobilization and Demobilization (Not to exceed 10% of Bid Schedule A, excluding this item)	LS	1	\$17,000.00	\$4,000.00	\$25,000.00
31	Stewart Way Waterline Erosion Control	LS	1	\$3,500.00	\$1,000.00	\$2,000.00
32	Stewart Way Waterline Groundwater Dewatering	LS	1	\$150.00	\$2,000.00	\$2,000.00
33	Stewart Way Waterline Traffic Control	LS	1	\$2,700.00	\$5,000.00	\$10,500.00
34	Stewart Way Waterline Sheeting, Shoring and Bracing	LS	1	\$250.00	\$2,000.00	\$3,000.00
35	Stewart Way Waterline Potholing	LS	1	\$10,800.00	\$4,000.00	\$16,000.00
36	Stewart Waterline 8-Inch Water Main	LF	800	\$103,200.00	\$112,000.00	\$88,000.00
37	3/4" Single Service	EA	6	\$19,800.00	\$21,000.00	\$27,000.00
38	1" Single Service	EA	5	\$17,500.00	\$18,000.00	\$25,000.00
39	2" Service for 1" Double	EA	2	\$9,800.00	\$8,000.00	\$11,000.00
40	2" Single Water Service	EA	1	\$3,800.00	\$4,000.00	\$6,000.00
41	2" Base Water Meter Installation	EA	1	\$7,700.00	\$8,000.00	\$7,000.00
42	Add for Traffic-Rated Meter Installation	EA	1	\$2,650.00	\$1,500.00	\$650.00
43	Fire Hydrant Installation	EA	2	\$19,800.00	\$22,000.00	\$19,000.00
44	Fire Hydrant Installation at 1130 Keller Rd	EA	1	\$14,300.00	\$15,000.00	\$14,500.00
45	Tie-in at Stewart Way and Wildwood Ave (P8, Sta 1+00)	LS	1	\$12,300.00	\$14,000.00	\$15,000.00
46	Tie-In at 1130 Keller Rd (P9, Sta 8+48)	LS	1	\$7,500.00	\$3,800.00	\$8,000.00
47	Cut, Cap and Abandon in place water mains and Valves	LS	1	\$830.00	\$4,300.00	\$10,000.00
48	Demo Existing Fire Hydrant	EA	1	\$2,150.00	\$2,000.00	\$4,000.00
49	Non-Excavatable Rock Removal	CY	10	\$100.00	\$3,000.00	\$500.00
50	4-Inch Trench Patch	SF	4870	\$36,865.90	\$56,005.00	\$77,920.00
51	2-Inch Mill and Overlay	SF	11800	\$40,356.00	\$50,150.00	\$59,000.00
52	3-Inch Miscellaneous Patch Paving	SF	700	\$10,500.00	\$9,100.00	\$11,900.00
53	Stewart Contingency Work	LS	1	\$10,000.00	\$10,000.00	\$10,000.00
			<b>Subtotal</b>	<b>\$353,551.90</b>	<b>\$379,855.00</b>	<b>\$452,970.00</b>
<b>BID SCHEDULE C: MACKEDIE WAY WATERMAIN AND SERVICES</b>						
54	Mobilization and Demobilization (Not to exceed 10% of Bid Schedule A, excluding this item)	LS	1	\$10,000.00	\$2,400.00	\$10,000.00
55	Waterline Erosion Control	LS	1	\$8,000.00	\$700.00	\$1,000.00
56	Waterline Groundwater Dewatering	LS	1	\$1,000.00	\$900.00	\$1,000.00
57	Waterline Traffic Control	LS	1	\$1,150.00	\$2,800.00	\$10,500.00
58	Waterline Sheeting, Shoring and Bracing	LS	1	\$100.00	\$2,800.00	\$2,500.00
59	Waterline Potholing	LS	1	\$4,000.00	\$1,400.00	\$5,000.00

60	Waterline 6-Inch Water Main	LF	200	\$31,000.00	\$29,000.00	\$27,000.00
61	1" Single Service	EA	3	\$10,500.00	\$10,800.00	\$12,000.00
62	1" Base Water Meter Installation	EA	3	\$5,400.00	\$9,300.00	\$4,500.00
63	Add for Traffic-Rated Meter Installation	EA	1	\$500.00	\$1,500.00	\$600.00
64	Tie-in at Mackedie and Ski Run Blvd (P10, Sta 3+08)	LS	1	\$2,250.00	\$13,800.00	\$5,000.00
65	Tie-in at Mackedie (P10, Sta 1+00)	LS	1	\$4,900.00	\$9,600.00	\$5,500.00
66	Non-Excavatable Rock Removal	CY	20	\$50.00	\$6,000.00	\$2,500.00
67	4-Inch Trench Patch	SF	1500	\$12,810.00	\$17,250.00	\$33,000.00
68	2-Inch Mill and Overlay	SF	1200	\$4,620.00	\$5,100.00	\$6,000.00
69	3-Inch Miscellaneous Patch Paving	SF	100	\$1,800.00	\$1,300.00	\$2,500.00
70	Mackedie Contingency Work	LS	1	\$20,000.00	\$20,000.00	\$20,000.00
			<b>Subtotal</b>	<b>\$118,080.00</b>	<b>\$134,650.00</b>	<b>\$148,600.00</b>
<b>BID SCHEDULE D: KEETAK STREET WATERMAIN</b>						
71	Mobilization and Demobilization (Not to exceed 10% of Bid Schedule A, excluding this item)	LS	1	\$5,400.00	\$200.00	\$10,000.00
72	Erosion Control	LS	1	\$8,120.00	\$700.00	\$1,500.00
73	Groundwater Dewatering	LS	1	\$150.00	\$900.00	\$1,500.00
74	Traffic Control	LS	1	\$750.00	\$3,000.00	\$2,500.00
75	Sheeting, Shoring and Bracing	LS	1	\$1,000.00	\$1,500.00	\$2,500.00
76	Waterline Potholing	LS	1	\$1,500.00	\$1,400.00	\$5,000.00
77	Waterline 6-Inch Water Main	LF	255	\$29,835.00	\$36,975.00	\$29,325.00
78	Tie-in at Keetak and Cornelian (P11, Sta 1+00)	LS	1	\$5,500.00	\$11,500.00	\$12,000.00
79	Tie-in at Keetak (P11, Sta 3+48)	LS	1	\$6,900.00	\$15,500.00	\$10,000.00
80	4-Inch Trench Patch	SF	240	\$2,880.00	\$2,760.00	\$7,440.00
81	Keetak Contingency Work	LS	1	\$5,000.00	\$5,000.00	\$5,000.00
			<b>Subtotal</b>	<b>\$67,035.00</b>	<b>\$79,435.00</b>	<b>\$86,765.00</b>
<b>BID SCHEDULE E: SUSQUEHANA PRV</b>						
82	Susquehana PRV Mobilization and Demobilization (Not to exceed 10% of Bid Schedule A, excluding this item)	LS	1	\$22,000.00	\$1,400.00	\$18,000.00
83	Susquehana PRV Erosion Control	LS	1	\$3,800.00	\$900.00	\$2,500.00
84	Susquehana PRV Groundwater Dewatering	LS	1	\$500.00	\$900.00	\$1,500.00
85	Susquehana PRV Traffic Control	LS	1	\$3,500.00	\$2,000.00	\$5,000.00
86	Susquehana PRV Sheeting, Shoring and Bracing	LS	1	\$500.00	\$2,000.00	\$10,000.00
87	Fire Hydrant Installation	EA	1	\$13,000.00	\$15,000.00	\$15,000.00
88	8" and 2" PRVs and Interior Piping	LS	1	\$71,500.00	\$65,000.00	\$75,000.00
89	Exterior Piping and Interties	LS	1	\$56,750.00	\$28,000.00	\$45,000.00
90	Demolition of existing PRVs and piping	LS	1	\$5,400.00	\$4,500.00	\$10,500.00
91	Electrical and Instrumentation Trenches	LF	20	\$1,920.00	\$2,000.00	\$6,000.00
92	Instrumentation and Control Systems	LS	1	\$39,950.00	\$37,700.00	\$50,000.00
93	4-inch Trench Patch	SF	450	\$4,275.00	\$5,175.00	\$8,100.00
94	2-Inch Mill and Overlay	SF	3500	\$12,460.00	\$14,875.00	\$19,250.00
95	Susquehana Contingency	LS	1	\$15,000.00	\$15,000.00	\$15,000.00
			<b>Subtotal</b>	<b>\$250,555.00</b>	<b>\$194,450.00</b>	<b>\$280,850.00</b>
<b>BID SCHEDULE F: PRICE ROAD PRV</b>						
96	Price PRV Mobilization and Demobilization (Not to exceed 10% of Bid Schedule B, excluding this item)	LS	1	\$13,000.00	\$2,000.00	\$15,000.00
97	Price PRV Erosion Control	LS	1	\$1,500.00	\$900.00	\$1,000.00
98	Price PRV Groundwater Dewatering	LS	1	\$100.00	\$900.00	\$1,000.00
99	Price PRV Traffic Control	LS	1	\$1,000.00	\$2,000.00	\$2,100.00
100	Price PRV Sheeting, Shoring and Bracing	LS	1	\$100.00	\$20,000.00	\$2,000.00
101	Site Survey	LS	1	\$2,500.00	\$1,000.00	\$3,000.00
102	PRV Valves and Aboveground Piping	LS	1	\$43,000.00	\$74,000.00	\$65,000.00
103	Belowground Piping and Tie-Ins	LS	1	\$14,500.00	\$18,000.00	\$25,000.00
104	Concrete Pad	SF	60	\$2,640.00	\$3,000.00	\$4,860.00
105	Heated PRV Enclosure	LS	1	\$9,900.00	\$10,200.00	\$17,500.00
106	Install Concrete Bollards	EA	2	\$1,800.00	\$1,200.00	\$1,200.00
107	Demolition of Existing PRV Station	LS	1	\$9,750.00	\$1,500.00	\$8,200.00
108	Electrical and Instrumentation Trenches	LF	170	\$11,560.00	\$12,920.00	\$14,450.00
109	Instrumentation and Control Systems	LS	1	\$44,900.00	\$40,200.00	\$55,000.00
110	Price Rd Contingency	LS	1	\$15,000.00	\$15,000.00	\$15,000.00
			<b>Subtotal</b>	<b>\$171,250.00</b>	<b>\$202,820.00</b>	<b>\$230,310.00</b>
<b>BID SCHEDULE G: MISCELLANEOUS SYSTEM IMPROVEMENTS</b>						
111	As-Needed Water System Improvements	LS	1	\$100,000.00	\$100,000.00	\$100,000.00
112	As-Needed Sewer System Improvements	LS	1	\$100,000.00	\$100,000.00	\$100,000.00
113	Additional 1-foot depth of excavation, backfill and vertical pipe and fittings	LF	500	\$3,500.00	\$3,500.00	\$125,000.00
			<b>Subtotal</b>	<b>\$203,500.00</b>	<b>\$203,500.00</b>	<b>\$325,000.00</b>
<b>ALTERNATE BID ITEMS</b>						
114	Increment Cost to Install Pipe at District Standard Depth of 48" Cover	LF	5570	\$32,361.70	\$11,140.00	\$83,550.00
			<b>Subtotal</b>	<b>\$32,361.70</b>	<b>\$11,140.00</b>	<b>\$83,550.00</b>
			<b>Total</b>	<b>\$2,726,518.60</b>	<b>\$2,862,855.00</b>	<b>\$3,678,876.30</b>