

B&B Underground

City of Riviera Beach
 CDBG FY 17-18 PUBLIC INFRASTRUCTURE IMPROVEMENTS
 BID No. 963-19-1 (36th St and Ave N, Add Alt. 1 28th/30th at Ave O)
 BASE BID 36th St and Ave N

Item No.	Description	Quantity	Unit	Unit Price	Total
				\$	\$
Overhead Items					
1	Mobilization	1	LS	41,070.00	41,070.00
2	Bonds and Insurance	1	LS	23,610.00	23,610.00
3	Maintenance of Traffic	1	LS	6,000.00	6,000.00
4	Erosion and Turbidity Control. NPDES Compliance	1	LS	3,000.00	3,000.00
5	Permit Fee (Reimbursement)	1	AL	\$20,000.00	\$20,000.00
6	Professional Audio/Video of Construction Site	1	LS	3,000.00	3,000.00
SUBTOTAL OVERHEAD ITEMS:				\$	96,680.00
ROADWAY					
7	Commercial Material for Driveway Maintenance	1	LS	10,000.00	10,000.00
8	Clearing and Grubbing (Including Existing Roadway Items)	1	LS	25,000.00	25,000.00
9	Removal of Existing Pavement (Driveways Outside RW)	1	LS	5,000.00	5,000.00
10	Removal of Existing Structures and Pipes	1	LS	12,000.00	12,000.00
11	Relocation of Mailboxes	5	EA	100.00	500.00
12	Driveway Turnout (6" Concrete) (Inside RAW)	192	SY	70.00	13,440.00
13	Driveway Rebuild (6" Concrete) (Outside RAW)	308	SY	70.00	21,560.00
14	Driveway Rebuild (1" Asphalt) (Outside RAW)	0	SY	0.00	0.00
15	Driveway Rebuild (Existing Pavers)	24	SY	60.00	1,440.00
16	Mill & Overlay w/ 1" Type S-III	220	SY	21.15	4,653.00
17	Mill & Overlay w/ 0.75" cut & 1.5" Build Type S-III	2,881	SY	21.15	60,933.15
18	Base Repair or Overlay Asphalt Pavement Section	273	SY	85.00	23,205.00
19	Concrete Speed Hump	0	EA	7,000.00	0.00
20	Concrete Curb and Gutter (Type F)	0	LF	30.00	0.00
21	Concrete Curb (Type D)	0	LF	30.00	0.00
22	Concrete Pipe Culvert (12" Solid) (Include Trenching & Backfilling)	0	LF	90.00	0.00
23	Furnish and Install Curb Inlet and Grate	2	EA	5,500.00	11,000.00
24	Furnish and Install 60" Diameter Manhole (Note revised from Plan sheet Rd-5)	1	EA	16,000.00	16,000.00
25	2' Concrete Valley Gutter	829	LF	30.00	24,870.00
26	4" Thick Concrete Sidewalk (Includes Curb Ramps and Thickened Edge For 4' Sidewalk)	482	SY	110.00	53,020.00
27	Detectable Warning Surface	6	SF	100.00	600.00
28	Sod (Match Existing) (Include Watering and Maintenance)	10	SY	10.00	100.00
SUBTOTAL ROADWAY ITEMS				\$	278,321.15
Pavement Marking and Signing					
29	Retro-Reflective Pavement Marker	1	LS	1,000.00	1,000.00
30	Thermoplastic Solid Stripe (12" White)	113	LF	14.00	1,582.00
31	Thermoplastic Solid Stripe (24" White)	33	LF	10.00	330.00
32	Thermoplastic Standard White Striping for Speed Hump per Detail	0	EA	13,000.00	0.00
33	Thermoplastic Solid Stripe (6" Double Yellow)	150	LF	3.00	450.00
SUBTOTAL PAVEMENT MARKING AND SIGNING				\$	3,362.00

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 BID No. 963-19-1 (36th St and Ave N, Add Alt. 1 28th/30th at Ave O)
 BASE BID 36th St and Ave N

Item No.	Description	Quantity	Unit Price	Total
Water and Sewer (Utilities)				
34	Project Identification Sign	2	EA 1,500 ⁰⁰	3,000.00
35	Furnish and Install CIP Sewer Lining 8"	1,212	LF 52 ⁰⁰	63,024.00
36	6" PVC Water Main (Including Trenching & Backfilling)	1,472	LF 55 ⁰⁰	80,960.00
37	6" DIP Water Main Contingency (Include Trenching & Backfilling)	10	LF 50 ⁰⁰	500.00
38	Full Depth Restoration*	1,117	SY 60 ⁰⁰	67,020.00
39	Furnish and Install Pressure Main Fittings (6")	0.52	TN 2,000 ⁰⁰	1,040.00
40	Grout & Abandon Existing WM (Include Plug)	1	LS 9,000 ⁰⁰	9,000.00
41	6" Plug	3	EA 200 ⁰⁰	600.00
42	4' DIA. Sanitary Sewer Manholes, F&I With Lid	1	EA 12,000 ⁰⁰	12,000.00
43	Adjust Existing Sanitary Manholes	1	LS 8,000 ⁰⁰	8,000.00
44	6" Gate Valve	4	EA 1,000 ⁰⁰	4,000.00
45	Furnish and Install 4"-6" Line Stops	6	EA 2,000 ⁰⁰	12,000.00
46	Sample Point (Include Testing)	3	EA 500 ⁰⁰	1,500.00
47	Fire Hydrant Assembly	1	EA 4,700 ⁰⁰	4,700.00
48	Connect to Existing Pipe	5	EA 4,000 ⁰⁰	20,000.00
49	1" Single PE Water Service with Meter Box (Include Trenching, Backfilling, Sidewalk Replacement)	18	EA 1,000 ⁰⁰	18,000.00
50	1" Single PE Water Service with Meter Box & Casing (Include Trenching, Backfilling, Sidewalk Replacement)	19	EA 1,500 ⁰⁰	28,500.00
51	1 1/2" Double PE Water Service with Meter Box (Include Trenching, Backfilling, Sidewalk Replacement)	1	EA 3,000 ⁰⁰	3,000.00
52	2" Double PE Water Service with Meter Box (Include Trenching, Backfilling, Sidewalk Replacement)	2	EA 4,000 ⁰⁰	8,000.00
53	Record Drawings (As Builts)	1	LS 6,000 ⁰⁰	6,000.00
SUBTOTAL WATER AND SEWER UTILITIES				\$ 350,844.00
Miscellaneous				
54	8" VCP Sewer Repair (includes Excevation, Trenching, Backfill, and Pavment Restoration)	100	LF 40 ⁰⁰	40,000.00
55	Adjust Water Valves	3	EA 10 ⁰⁰	30.00
56	Adjust Existing Utility Fixtures (Incl Meter Boxes and Valve Boxes)	5	EA 100 ⁰⁰	500.00
57	Replace Existing Utility Fixtures (Incl Meter Boxes and Valve Boxes)	5	EA 200 ⁰⁰	1,000.00
58	Flowable Fill	35	CY 10 ⁰⁰	350.00
SUBTOTAL MISCELLANEOUS				\$ 41,880.00
TOTAL BASE BID				\$ 729,557.15
TOTAL ALT 1 BID				\$ 1,728,172.70
TOTAL PROJECT BID				\$ 2,457,729.85
* Full depth restoration includes 12" Sub-grade (LBR 40), 8" baserock (LBR 100) and 2.5" Asphalt layer(1.5"SI/1"SIII)				

4,000

735,087.15

1,727,977.70

2,452,064.85

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 BID No. 963-19-1 (36th St and Ave N, Add Alt. 1 28th/30th at Ave O)
 ALTRENATE 1 BID 28th and 30th at Avenue O

Item No.	Description	Quantity		Unit Price	Total
			Unit	\$	\$
Overhead Items					
1	Mobilization	1	LS	41,070.00	41,070.00
2	Bonds and Insurance	1	LS	23,610.00	23,610.00
3	Maintenance of Traffic	1	LS	6,000.00	6,000.00
4	Erosion and Turbidity Control. NPDES Compliance	1	LS	3,000.00	3,000.00
5	Permit Fee (Reimbursement)	1	AL	\$35,000.00	\$35,000.00
6	Professional Audio/Video of Construction Site	1	LS	3,000.00	3,000.00
SUBTOTAL OVERHEAD ITEMS:				\$	111,680.00
ROADWAY					
7	Commercial Material for Driveway Maintenance	1	LS	10,000.00	10,000.00
8	Clearing and Grubbing (Including Existing Roadway Items)	1	LS	25,000.00	25,000.00
9	Removal of Existing Pavement (Driveways Outside R/W)	1	LS	5,000.00	5,000.00
10	Removal of Existing Structures and Pipes	1	LS	12,000.00	12,000.00
11	Relocation of Mailboxes	10	EA	100.00	1,000.00
12	Driveway Turnout (6" Concrete) (Inside R/W)	793	SY	70.00	55,510.00
13	Driveway Rebuild (6" Concrete) (Outside R/W)	786	SY	70.00	55,020.00
14	Driveway Rebuild (1" Asphalt) (Outside R/W)	100	SY	65.00	6,695.00
15	Driveway Rebuild (Exiting Pavers)	0	SY	60.00	0.00
16	Mill & Overlay w/ 1" Type S-III	8,630	SY	21.15	187,524.50
17	Mill & Overbuild w/ 0.75" cut & 1.5" Build Type S-III	0	SY	21.15	0.00
18	Base Repair or Overbuild Asphalt Pavement Section	2,682	SY	85.00	227,970.00
19	Concrete Speed Hump	1	EA	7,000.00	7,000.00
20	Concrete Curb and Gutter (Type F)	0	LF	30.00	0.00
21	Concrete Curb (Type D)	0	LF	30.00	0.00
22	Concrete Pipe Culvert (12" Solid) (Include Trenching & Backfilling)	0	LF	90.00	0.00
23	Furnish and Install Curb Inlet and Grate	0	EA	5,500.00	0.00
24	Furnish and Install 60" Diameter Manhole (Note revised from Plan sheet Rd-5)	0	EA	14,000.00	0.00
25	2' Concrete Valley Gutter	1,081	LF	30.00	32,430.00
26	4" Thick Concrete Sidewalk (Includes Curb Ramps and Thickened Edge For 4' Sidewalk)	639	SY	110.00	70,290.00
27	Detectable Warning Surface	17	SF	100.00	1,700.00
28	Sod (Match Existing) (Include Watering and Maintenance)	51	SY	10.00	510.00
SUBTOTAL ROADWAY ITEMS				\$	692,649.50
Pavement Marking and Signing					
29	Retro-Reflective Pavement Marker	1	LS	1,000.00	1,000.00
30	Thermoplastic Solid Stripe (12" White)	170	LF	14.00	2,380.00
31	Thermoplastic Solid Stripe (24" White)	153	LF	10.00	1,530.00
32	Thermoplastic Standard White Striping for Speed Hump per Detail	1	EA	13,000.00	13,000.00
33	Thermoplastic Solid Stripe (6" Double Yellow)	549	LF	2.00	1,098.00
SUBTOTAL PAVEMENT MARKING AND SIGNING				\$	19,008.00

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 ALTRENATE 1 BID 28th and 30th at Avenue O

Item No.	Description	Quantity		Unit Price	Total
Water and Sewer (Utilities)					
34	Project Identification Sign	4	EA	1,500 ⁰⁰	6,000.00
35	Furnish and Install CIP Sewer Lining 8"	2,545	LF	52 ⁰⁰	132,340.00
35a	Furnish and Install CIP Sewer Lining 10"	953		56 ⁰⁰	53,368.00
35b	Furnish and Install CIP Sewer Lining 12"	285		68 ⁰⁰	19,380.00
36	6" PVC Water Main (Including Trenching & Backfilling)	3,616	LF	51.70	186,947.20
37	6" DIP Water Main Contingency (Include Trenching & Backfilling)	30	LF	50 ⁰⁰	1,500.00
38	Full Depth Restoration*	2,734	SY	60 ⁰⁰	164,040.00
39	Furnish and Install Pressure Main Fittings (6")	1.03	TN	2,000 ⁰⁰	2,060.00
40	Grout & Abandon Existing WM (Include Plug)	1	LS	9,070 ⁰⁰	9,070.00
41	6" Plug	6	EA	200 ⁰⁰	1,200.00
42	4' DIA. Sanitary Sewer Manholes, F&I With Lid	1	EA	12,060 ⁰⁰	12,060.00
43	Adjust Existing Sanitary Manholes	1	LS	8,000 ⁰⁰	8,000.00
44	6" Gate Valve	10	EA	1,000 ⁰⁰	10,000.00
45	Furnish and Install 4"-6" Line Stops	12	EA	2,000 ⁰⁰	24,000.00
46	Sample Point (Include Testing)	8	EA	500 ⁰⁰	4,000.00
47	Fire Hydrant Assembly	5	EA	4,700 ⁰⁰	23,500.00
48	Connect to Existing Pipe	10	EA	4,000 ⁰⁰	40,000.00
49	1" Single PE Water Service with Meter Box (Include Trenching, Backfilling, Sidewalk Replacement)	34	EA	1,000 ⁰⁰	34,000.00
50	1" Single PE Water Service with Meter Box & Casing (Include Trenching, Backfilling, Sidewalk Replacement)	36	EA	1,500 ⁰⁰	54,000.00
51	1 1/2" Double PE Water Service with Meter Box (Include Trenching, Backfilling, Sidewalk Replacement)	3	EA	3,000 ⁰⁰	9,000.00
52	2" Double PE Water Service with Meter Box (Include Trenching, Backfilling, Sidewalk Replacement)	3	EA	4,000 ⁰⁰	12,000.00
53	Record Drawings (As Bults)	1	LS	12,000 ⁰⁰	12,000.00
SUBTOTAL WATER AND SEWER UTILITIES				\$	818,335.20
Miscellaneous					
54	Regular Excavation	100	CY	5 ⁰⁰	500.00
55	Embankment (Compacted In Place)	100	CY	5 ⁵⁰	550.00
56	Relocate Existing Utility Pole	5	EA	1,500 ⁰⁰	7,500.00
57	Replace Existing Chain Link Fence Up to 6' in Height	200	LF	40 ⁰⁰	8,000.00
58	Relocate Palm Tree	10	EA	100 ⁰⁰	1,000.00
59	Relocate Canopy Tree	10	EA	100 ⁰⁰	1,000.00
60	Construct 2' Retaining Wall(Above Existing Grade)	100	LF	40 ⁰⁰	4,000.00
61	8" VCP Sewer Repair (includes Excevation, Trenching, Backfill, and Pavment Restoration)	150	LF	400 ⁰⁰	60,000.00
62	Adjust Water Valves	10	EA	10 ⁰⁰	100.00
63	Adjust Existing Utility Fixtures (Incl Meter Boxes and Valve Boxes)	15	EA	100 ⁰⁰	1,500.00
64	Replace Existing Utility Fixtures (Incl Meter Boxes and Valve Boxes)	10	EA	200 ⁰⁰	2,000.00
65	Flowable Fill	35	CY	10 ⁰⁰	350.00
SUBTOTAL MISCELLANEOUS				\$	86,500.00
TOTAL ALT 1 BID				\$	1,728,172.70
* Full depth restoration includes 12" Sub-grade (LBR 40), 8" baserock (LBR 100) and 2.5" Asphalt layer(1.5"SI/1"SI/II) 1,728,172.70					