

**CITY OF MIAMI, FLORIDA
INTER-OFFICE MEMORANDUM**

TO: Arthur Noriega V
City Manager

DATE: February 26, 2020 **FILE:**

FROM: Annie Perez, CPPO, Director
Department of Procurement



SUBJECT: Recommendation for Award of NW 24th Avenue, NW 25th Avenue, and NW 32nd Street Road Improvements - D1, Project No. B-30723

REFERENCES: Invitation to Bid ("ITB") No. 19-20-009

ENCLOSURES: Bid Security List, Contractor's Price Proposal

RECOMMENDATION:

Based on the findings below, the Department of Procurement ("Procurement") hereby recommends that the referenced Project be awarded to American Pipeline Construction, LLC ("American"), who has been determined to be the lowest responsive and responsible Bidder, for ITB No. 19-20-009, NW 24th Avenue, NW 25th Avenue, and NW 32nd Street - D1, Project No. B-30723 (the "Project").

BACKGROUND:

On November 8, 2019, Procurement issued a solicitation under full and open competition to obtain bids from qualified firms. On January 6, 2020, Procurement received four (4) bids in response to the solicitation (see attached Bid Security List).

Pursuant to the solicitation, Bidders were required to have: i) a current certified General Contractor License issued by the State of Florida, or a Miami-Dade County Certificate of Competency as a General Engineering Contractor. In addition, Bidders were required to demonstrate that they have full-time key personnel with the necessary experience to perform the Project's Scope of Work by submitting details of at least three (3) Projects completed within the past five (5) years whose scope of work included road construction Projects, similar to the Project's Scope of Work.

The submitted reference Projects must have demonstrated that the Bidder: i) was the Prime Contractor for the Project; and ii) self-performed at least thirty percent (30%) of the Physical Labor Construction Work for the Project. The Selected Bidder will be required to self-perform at least thirty percent (30%) of the Physical Labor Construction Work for the Project.

FINDINGS:

Procurement has completed the bid review following the guidelines published in the solicitation. As reflected on the attached Bid Security List, American was the apparent lowest responsive and responsible Bidder. The local preference ordinance was not applied since the second lowest bid was not within fifteen percent (15%) of the lowest Bidder's bid.

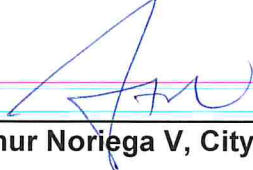
After determining that American was a responsive and responsible Bidder by meeting the minimum requirements specified in the solicitation, the Office of Capital Improvements ("OCI") and Miami-Dade Water and Sewer Department reviewed and compared American's bid to the design consultant's estimate of probable construction cost. A determination was made as to finding American's bid acceptable. Based on the above findings, Procurement hereby recommends that the Project be awarded to American.

PR20091

CONTRACT EXECUTION:

Accordingly, Procurement hereby requests authorization to prepare for execution a contract with American. The total not-to-exceed contract amount is \$1,337,006.45, which is comprised of \$897,499.32 for the City of Miami-related scope of work, \$271,507.13 for the Miami-Dade County Water Main, \$54,000.00 for a Dedicated Allowance to fund Off Duty Police, \$38,000.00 for a Dedicated Allowance to reimburse Permits, and \$76,000.00 for the Owner's Contingency Allowance. Your signature below indicates your approval of Procurement's recommendation.

Approved: _____


Arthur Noriega V, City Manager

Date: _____

3-5-20

- c: Nzeribe Ihekweba, P.E., PhD., Assistant City Manager
- Sandra Bridgeman, Assistant City Manager/Chief Financial Officer
- Pablo Velez, Assistant City Attorney
- Steven C. Williamson, Director, OCI
- Hector Badia, Assistant Director, OCI
- Fernando V. Ponassi, MA Arch., MA PPA, LEED®AP, Assistant Director, Procurement

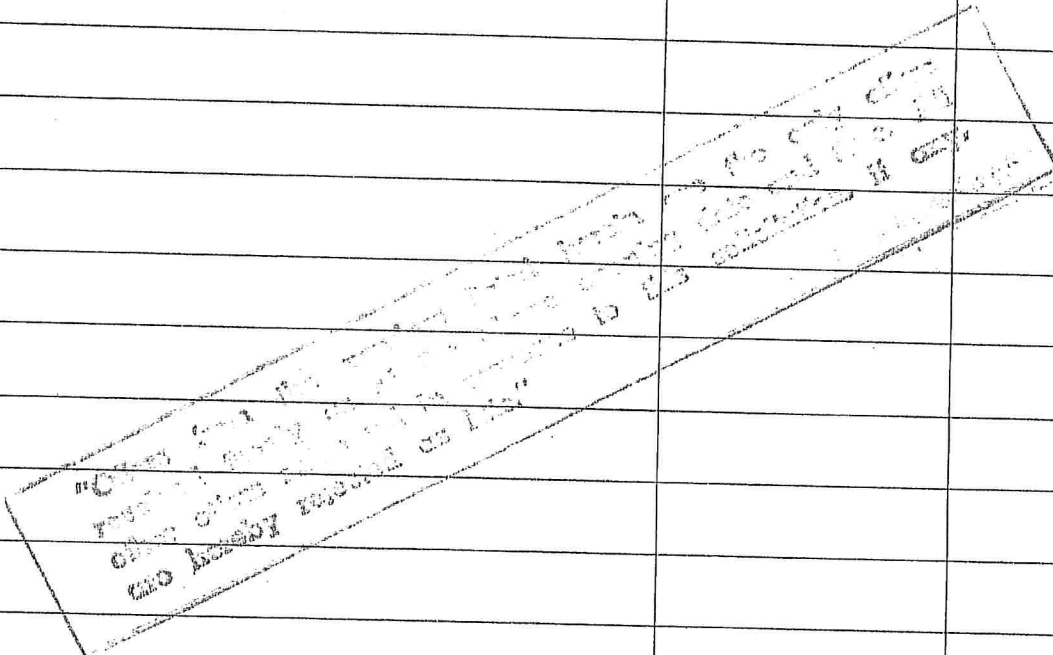
**CITY OF MIAMI OFFICE OF THE CITY CLERK
BID SECURITY LIST**

BID ITEM: NW 24th Avenue, NW 25th Avenue, and NW 32nd Street Road Improvements,
 D1 – Project B-30723

BID NUMBER: ITB 19-20-009

DATE BID OPENED: January 6, 2020 **TIME:** 2:00 p.m.

<u>BIDDER</u>	<u>BID TOTAL AMOUNT</u>	<u>BID BOND (ER) CASHIER'S CHECK</u>
American Pipeline Construction, LLC	\$1,337,006.45	5%
V Engineering & Consulting, Corp.	\$1,588,215.09	5%
JVA Engineering Contractor, Inc.	\$1,690,953.92	5%
Florida Engineering & Development, Corp.	\$1,732,873.60	5%



Scott J. Lee
 Person Receiving Bid(s)

Received (4) bid(s) on behalf: Procurement
 City Department

On: 1/7/2020
 Today's Date

PREPARED BY: Rosa Marshall
 Deputy City Clerk

NW 24 AVENUE IMPROVEMENTS PROJECT (B-30723) - BASE BID

ITEM	PAY ITEM NO.	ROADWAY QUANTITIES DESCRIPTION	UNIT	UNIT COST	QUANTITY	TOTAL COST
1	101-1	MOBILIZATION	LS	\$ 40,000.00	1	\$ 40,000.00
2	102-1	MAINTENANCE OF TRAFFIC	LS	\$ 7,000.00	1	\$ 7,000.00
3	104-10-3	SEDIMENT BARRIER	LF	\$ 0.01	1,505	\$ 15.05
4	104-18	INLET PROTECTION SYSTEM	EA	\$ 0.01	32	\$ 0.32
5	110-1-1	CLEARING & GRUBBING	AC	\$ 21,100.00	1	\$ 21,100.00
6	110-4-10	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	\$ 20.00	326	\$ 6,520.00
7	120-1	REGULAR EXCAVATION	CY	\$ 8.00	1,771	\$ 14,168.00
8	160-4	TYPE B STABILIZATION	SY	\$ 0.01	2,602	\$ 26.02
9	285-704	OPTIONAL BASE, BASE GROUP 04	SY	\$ 14.00	639	\$ 8,946.00
10	285-706	OPTIONAL BASE, BASE GROUP 06	SY	\$ 14.00	2,270	\$ 31,780.00
11	327-70-1	MILLING EXISTING ASPH PAVT, 1" AVG DEPTH	SY	\$ 3.00	736	\$ 2,208.00
12	334-1-11	SUPERPAVE ASPHALTIC CONC, TRAFFIC A	TN	\$ 155.00	143	\$ 22,165.00
13	337-7-80	ASPHALTIC CONCRETE FRCITION COURSE, TRAFFIC B, FC-9.5, PG 76-22	TN	\$ 165.00	149	\$ 24,585.00
14	425-1-203	CITY OF MIAMI INLETS TYPE "F-3" < 10' J-BOTTOM	EA	\$ 6,500.00	4	\$ 26,000.00
15	425-1-204	CITY OF MIAMI INLETS TYPE "F-3" > 10' J-BOTTOM	EA	\$ 5,700.00	1	\$ 5,700.00
16	425-1-711	CITY OF MIAMI INLETS TYPE "V" < 10' P-BOTTOM	EA	\$ 3,400.00	2	\$ 6,800.00
17	425-1-713	CITY OF MIAMI INLETS TYPE "V" < 10' J-BOTTOM	EA	\$ 5,300.00	3	\$ 15,900.00
18	425-1-714	CITY OF MIAMI INLETS TYPE "V" > 10' J-BOTTOM	EA	\$ 6,100.00	1	\$ 6,100.00
19	425-5	MANHOLE, ADJUST	EA	\$ 450.00	2	\$ 900.00
20	425-6	VALVE BOXES, ADJUST	EA	\$ 300.00	6	\$ 1,800.00
21	430-174-115	PIPE CULV, OPT MATL, ROUND, 15" SD	LF	\$ 80.00	77	\$ 6,160.00
22	430-174-124	PIPE CULV, OPT MATL, ROUND, 24" SD	LF	\$ 100.00	18	\$ 1,800.00
23	443-70-4	FRENCH DRAIN, 24"	LF	\$ 140.00	320	\$ 44,800.00
24	443-72-11	SWALE TRENCH DETAIL (CITY STANDARD #35-86-45)	SY	\$ 60.00	162	\$ 9,720.00
25	520-1-10	CONCRETE CURB, TYPE F	LF	\$ 25.00	678	\$ 16,950.00
26	520-2-4	CONCRETE CURB, TYPE D	LF	\$ 23.00	649	\$ 14,927.00
27	520-3	CONCRETE DROP CURB	LF	\$ 24.00	692	\$ 16,608.00
28	522-1	CONCRETE SIDEWALK 4"	SY	\$ 42.00	195	\$ 8,190.00
29	522-2	CONCRETE SIDEWALK AND DRIVEWAYS, 6"	SY	\$ 55.00	157	\$ 8,635.00
30	527-2	DETECTABLE WARNINGS	SF	\$ 30.00	68	\$ 2,040.00
31	570-1-2	PERFORMANCE TURF, SOD	SY	\$ 6.00	849	\$ 5,094.00
32	700-1-11	SINGLE POST SIGN F&I GM, <12SF	AS	\$ 415.00	5	\$ 2,075.00
33	700-1-60	SINGLE POST SIGN REMOVE	AS	\$ 70.00	5	\$ 350.00
34	706-3	RETRO-REFLECTIVE PAVEMENT MARKERS	EA	\$ 3.75	20	\$ 75.00
35	711-12-221	THERMOPLASTIC, YELLOW, SOLID, 6"	LF	\$ 0.85	506	\$ 430.10
36	711-14-123	THERMOPLASTIC, PREFORM, WHITE, SOLID, 12"	LF	\$ 13.50	461	\$ 6,223.50
37	711-14-125	THERMOPLASTIC, PREFORM, WHITE, SOLID, 24"	LF	\$ 19.00	79	\$ 1,501.00
38	110-15	ARBORIST WORK	LS	\$ 15,000.00	1	\$ 15,000.00
SUBTOTAL						\$ 402,291.99
39	N/A	OWNER'S CONTINGENCY	Allowance	\$ 30,000.00	1	\$ 30,000.00
40	N/A	ALLOWANCE FOR OFF DUTY POLICE	Allowance	\$ 20,000.00	1	\$ 20,000.00
41	N/A	ALLOWANCE FOR PERMITS	Allowance	\$ 15,000.00	1	\$ 15,000.00
SUBTOTAL ALLOWANCES						\$ 65,000.00
NW 24TH AVENUE TOTAL (BASE BID)						\$ 467,291.99

NW 25 AVENUE IMPROVEMENTS PROJECT (B-30723) - BASE BID

ITEM	PAY ITEM NO.	ROADWAY QUANTITIES DESCRIPTION	UNIT	UNIT COST	QUANTITY	TOTAL COST
1	101-1	MOBILIZATION	LS	\$ 30,000.00	1	\$ 30,000.00
2	102-1	MAINTENANCE OF TRAFFIC	LS	\$ 2,500.00	1	\$ 2,500.00
3	104-10-3	SEDIMENT BARRIER	LF	\$ 0.01	736	\$ 7.36
4	104-18	INLET PROTECTION SYSTEM	EA	\$ 0.01	7	\$ 0.07
5	110-1-1	CLEARING & GRUBBING	AC	\$ 11,250.00	0.4	\$ 4,500.00
6	110-4-10	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	\$ 20.00	154	\$ 3,080.00
7	120-1	REGULAR EXCAVATION	CY	\$ 8.00	525	\$ 4,200.00
8	160-4	TYPE B STABILIZATION	SY	\$ 0.01	1,133	\$ 11.33
9	285-704	OPTIONAL BASE, BASE GROUP 04	SY	\$ 14.00	301	\$ 4,214.00
10	285-706	OPTIONAL BASE, BASE GROUP 06	SY	\$ 14.00	967	\$ 13,538.00
11	327-70-1	MILLING EXISTING ASPH PAVT, 1" AVG DEPTH	SY	\$ 3.00	695	\$ 2,085.00
12	334-1-11	SUPERPAVE ASPHALTIC CONC, TRAFFIC A	TN	\$ 155.00	63	\$ 9,765.00
13	337-7-80	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC B, FC-9.5, PG 76-22	TN	\$ 165.00	84	\$ 13,860.00
14	425-1-711	CITY OF MIAMI INLETS TYPE "V" < 10' P-BOTTOM	EA	\$ 3,400.00	1	\$ 3,400.00
15	425-1-713	CITY OF MIAMI INLETS TYPE "V" < 10' J-BOTTOM	EA	\$ 5,600.00	2	\$ 11,200.00
16	425-1-714	CITY OF MIAMI INLETS TYPE "V" > 10' J-BOTTOM	EA	\$ 5,200.00	1	\$ 5,200.00
17	425-5	MANHOLE, ADJUST	EA	\$ 450.00	1	\$ 450.00
18	430-174-115	PIPE CULV, OPT MATL, ROUND, 15" SD	LF	\$ 80.00	18	\$ 1,440.00
19	443-70-4	FRENCH DRAIN, 24"	LF	\$ 140.00	200	\$ 28,000.00
20	443-72-4	SWALE TRENCH DETAIL (CITY STANDARD #35-86-45)	SY	\$ 60.00	58	\$ 3,480.00
21	520-1-10	CONCRETE CURB, TYPE F	LF	\$ 25.00	110	\$ 2,750.00
22	520-2-4	CONCRETE CURB, TYPE D	LF	\$ 23.00	196	\$ 4,508.00
23	520-3	CONCRETE DROP CURB	LF	\$ 24.00	488	\$ 11,712.00
24	522-1	CONCRETE SIDEWALK - 4"	SY	\$ 42.00	66	\$ 2,772.00
25	522-2	CONCRETE SIDEWALK AND DRIVEWAYS, 6"	SY	\$ 55.00	80	\$ 4,418.10
26	527-2	DETECTABLE WARNINGS	SF	\$ 30.00	66	\$ 1,980.00
27	570-1-2	PERFORMANCE TURF, SOD	SY	\$ 6.00	550	\$ 3,300.00
28	700-3-501	SIGN PANEL, RELOCATE, UP TO 12 SF	EA	\$ 250.00	4	\$ 1,000.00
29	706-3	RETRO-REFLECTIVE PAVEMENT MARKERS	EA	\$ 3.75	12	\$ 45.00
30	711-12-221	THERMOPLASTIC, YELLOW, SOLID, 6"	LF	\$ 0.85	648	\$ 550.80
31	711-14-123	THERMOPLASTIC, PREFORM, WHITE, SOLID, 12"	LF	\$ 13.50	437	\$ 5,899.50
32	711-14-125	THERMOPLASTIC, PREFORM, WHITE, SOLID, 24"	LF	\$ 19.00	78	\$ 1,482.00
33	110-15	ARBORIST WORK	LS	\$ 6,000.00	1	\$ 6,000.00
SUBTOTAL						\$ 187,348.16
34	N/A	OWNER'S CONTINGENCY	Allowance	\$ 16,000.00	1	\$ 16,000.00
35	N/A	ALLOWANCE FOR OFF DUTY POLICE	Allowance	\$ 12,000.00	1	\$ 12,000.00
36	N/A	ALLOWANCE FOR PERMITS	Allowance	\$ 8,000.00	1	\$ 8,000.00
SUBTOTAL ALLOWANCES						\$ 36,000.00
NW 25TH AVENUE TOTAL (BASE BID)						\$ 223,348.16

NW 32 STREET IMPROVEMENTS PROJECT (B-30723) - BASE BID

ITEM	PAY ITEM NO.	ROADWAY QUANTITIES DESCRIPTION	UNIT	UNIT COST	QUANTITY	TOTAL COST
1	101-1	MOBILIZATION	LS	\$ 15,500.00	1	\$ 15,500.00
2	102-1	MAINTENANCE OF TRAFFIC	LS	\$ 4,000.00	1	\$ 4,000.00
3	104-10-3	SEDIMENT BARRIER	LF	\$ 0.01	1,121	\$ 11.21
4	104-18	INLET PROTECTION SYSTEM	EA	\$ 0.01	17	\$ 0.17
5	110-1-1	CLEARING & GRUBBING	AC	\$ 28,500.00	0.6	\$ 17,100.00
6	110-4-10	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	\$ 20.00	240	\$ 4,800.00
7	120-1	REGULAR EXCAVATION	CY	\$ 8.00	1,994	\$ 15,952.00
8	160-4	TYPE B STABILIZATION	SY	\$ 0.01	1,972	\$ 19.72
9	285-704	OPTIONAL BASE, BASE GROUP 04	SY	\$ 14.00	667	\$ 9,338.00
10	285-706	OPTIONAL BASE, BASE GROUP 06	SY	\$ 14.00	1,544	\$ 21,616.00
11	327-70-1	MILLING EXISTING ASPH PAVT, 1" AVG DEPTH	SY	\$ 3.00	412	\$ 1,234.67
12	334-1-11	SUPERPAVE ASPHALTIC CONC, TRAFFIC A	TN	\$ 155.00	111	\$ 17,145.54
13	337-7-80	ASPHALTIC CONCRETE FRCITION COURSE, TRAFFIC B, FC-9.5, PG 76-22	TN	\$ 165.00	88	\$ 14,520.00
14	425-1-713	CITY OF MIAMI INLETS TYPE "V" < 10' J-BOTTOM	EA	\$ 5,500.00	4	\$ 22,000.00
15	425-1-714	CITY OF MIAMI INLETS TYPE "V" > 10' J-BOTTOM	EA	\$ 5,200.00	2	\$ 10,400.00
16	425-1-719	FDOT INLETS, GUTTER, TYPE V, MODIFY	EA	\$ 9,500.00	3	\$ 28,500.00
17	425-5	MANHOLE, ADJUST	EA	\$ 450.00	4	\$ 1,800.00
18	430-174-115	PIPE CULV, OPT MATL, ROUND, 15" SD	LF	\$ 77.00	141	\$ 10,857.00
19	430-174-124	PIPE CULV, OPT MATL, ROUND, 24" SD	LF	\$ 100.00	10	\$ 1,000.00
20	443-70-4	FRENCH DRAIN, 24"	LF	\$ 140.00	403	\$ 56,420.00
21	520-1-10	CONCRETE CURB, TYPE F	LF	\$ 25.00	297	\$ 7,428.00
22	520-2-4	CONCRETE CURB, TYPE D	LF	\$ 23.00	159	\$ 3,663.90
23	520-3	CONCRETE DROP CURB	LF	\$ 24.00	864	\$ 20,743.92
24	522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	SY	\$ 42.00	130	\$ 5,460.00
25	522-2	CONCRETE SIDEWALK AND DRIVEWAYS, 6"	SY	\$ 55.00	160	\$ 8,800.00
26	570-1-2	PERFORMANCE TURF, SOD	SY	\$ 6.00	190	\$ 1,142.94
27	700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	AS	\$ 415.00	4	\$ 1,660.00
28	700-1-60	SINGLE POST SIGN REMOVE	AS	\$ 25.00	3	\$ 75.00
29	706-3	RETRO-REFLECTIVE PAVEMENT MARKERS	EA	\$ 3.75	12	\$ 45.00
30	711-12-221	THERMOPLASTIC, YELLOW, SOLID 6"	LF	\$ 0.85	266	\$ 226.10
31	711-14-123	THERMOPLASTIC, PREFORM, WHITE, SOLID, 12"	LF	\$ 13.50	234	\$ 3,159.00
32	711-14-125	THERMOPLASTIC, PREFORM, WHITE, SOLID, 24"	LF	\$ 19.00	39	\$ 741.00
33	110-15	ARBORIST WORK	LS	\$ 2,500.00	1	\$ 2,500.00
SUBTOTAL						\$ 307,859.17
34	N/A	OWNER'S CONTIGENCY	Allowance	\$ 30,000.00	1	\$ 30,000.00
35	N/A	ALLOWANCE FOR OFF DUTY POLICE	Allowance	\$ 22,000.00	1	\$ 22,000.00
36	N/A	ALLOWANCE FOR PERMITS	Allowance	\$ 15,000.00	1	\$ 15,000.00
SUBTOTAL ALLOWANCES						\$ 67,000.00
NW 32ND STREET TOTAL (BASE BID)						\$ 374,859.17

WATER MAIN PAY ITEMS PCTS 14924_ER W017041

ITEM	DESCRIPTION	UNITS	UNIT COST	QUANTITY	TOTAL AMOUNT
1	For performing preparatory work and operations in Mobilizing for beginning the work of the Project, including preparation and acceptance of M.O.T., but excluding materials and permit costs, both of which are paid under other payment items, and Demobilization .	AGG SUM	\$ 17,500.00	1	\$ 17,500.00
2	For selling and delivering to the Department 12-inch zinc-coated ductile iron pipe, valves and fittings, the price per linear foot of	Lin. Ft.	\$ 65.00	566	\$ 36,790.00
3	For installing 12-inch zinc-coated ductile iron pipe and fittings for water main, the price per linear foot of	Lin. Ft.	\$ 55.00	566	\$ 31,130.00
4	For selling and delivering to the Department 8-inch zinc-coated ductile iron pipe, valves and fittings, complete the price per linear foot of	Lin. Ft.	\$ 40.00	130	\$ 5,200.00
5	For installing 8-inch zinc-coated ductile iron pipe, fittings, and valves the price per linear foot of	Lin. Ft.	\$ 55.00	130	\$ 7,150.00
6	For selling and delivering to the Department 6-inch zinc-coated ductile iron pipe, valves and fittings, complete, the price per linear foot of	Lin. Ft.	\$ 25.00	18	\$ 450.00
7	For installing 6-inch zinc-coated ductile iron pipe and fittings, for fire hydrant branch, complete the price per linear foot of	Lin. Ft.	\$ 55.00	18	\$ 980.00
8	For selling and delivering to the Department 4-inch zinc-coated ductile iron pipe, valves and fittings, complete, the price per linear foot of	Lin. Ft.	\$ 45.00	35	\$ 1,575.00
9	For installing 4-inch zinc-coated ductile iron pipe, fittings, and valves the price per linear foot of	Lin. Ft.	\$ 55.00	35	\$ 1,925.00
10	For selling and delivering to the Department 12-inch mechanical joint resilient seated gate valves for water main, complete, the price each of	Each	\$ 2,600.00	3	\$ 7,800.00
11	For installing 12-inch mechanical joint resilient seated gate valves for water main, complete, the price each of	Each	\$ 3,200.00	3	\$ 9,600.00
12	For making a <u>tapping connection</u> to an existing 4-inch pipe water main at: on the intersection of NW 23rd Avenue and NW 32nd Street (STA 20+04.78) including furnishing and installing tapping sleeve(s) (stainless steel) and tapping valve(s), as shown on the Plans, complete	Each	\$ 5,000.00	1	\$ 5,000.00
13	For making a <u>tapping connection</u> to an existing 4-inch pipe water main at: NW 22nd Court and NW 32nd Street (STA 23+33.44) including furnishing and installing tapping sleeve(s) (stainless steel) and tapping valve(s), and cutting and capping existing main as shown on the Plans, complete.	Each	\$ 5,000.00	1	\$ 5,000.00
14	For removing existing plug and connecting to existing 12" water main at NW 32nd Street (STA. 25+10.47) including furnishing and installing all fittings necessary for connection(s), as shown on Plans, complete	Each	\$ 5,000.00	1	\$ 5,000.00
15	For making cut-in connection to an existing 4" Water Main at: NW 32nd Street and NW 23rd Ave. (STA 19+63.87) including furnishing and installing all fittings necessary for connections(s), as shown on the Plans, complete	Each	\$ 5,000.00	1	\$ 5,000.00
16	For making cut-in connection to an existing 2" Water Main at: NW 23rd Avenue and NW 32nd Street (STA 19+90.11) including furnishing and installing all fittings necessary for connection(s), as shown on the Plans, complete	Each	\$ 2,500.00	1	\$ 2,500.00
17	For selling and delivering fire hydrant assembly, <u>with guard posts and 6-inch thick concrete slab</u> , as per MDWASD standard detail WS 4.5, complete.	Each	\$ 3,000.00	2	\$ 6,000.00
18	For installing fire hydrant assemblies with guard posts, complete, the price each of	Each	\$ 3,000.00	2	\$ 6,000.00
19	Furnishing and installing 1-inch single service short, including reconnection of customer's service pipe and meter transfer complete.	Each	\$ 2,000.00	5	\$ 10,000.00
20	Furnishing and installing 1-inch single service long, including reconnection of customer's service pipe and meter transfer, complete.	Each	\$ 2,000.00	2	\$ 4,000.00
21	Furnishing and installing 1-inch dual service, short including reconnection of customer's service pipe and meter transfer	Each (Contingent Item)	\$ 2,000.00	10	\$ 20,000.00
22	Furnishing and installing 1-inch dual service, long including reconnection of customer's service pipe and meter transfer	Each (Contingent Item)	\$ 2,000.00	3	\$ 6,000.00

23	For constructing Flushing Valve Outlet Assemblies (F.V.O.) at the locations shown on the plans, complete	Each	\$ 2,500.00	4	\$ 10,000.00
24	For constructing Air Release Valve Assemblies (A.R.V.s) for water mains at the locations shown on the plans, complete	Each (Contingent Item)	\$ 2,500.00	1	\$ 2,500.00
25	For furnishing and installing V-BIO polyethylene encasement for any size ductile Iron pipe, fitting, or valve, the price per linear foot of	Lin. Ft.	\$ 1.50	727	\$ 1,090.50
26	For trench overcut for any size pipe in 1-foot depth increments.	Lin. Ft. (Contingent Item)	\$ 0.01	193	\$ 1.93
27	For sheeting and shoring ordered left in place by the Engineer	Sq. Ft. (Contingent Item)	\$ 0.01	1,528	\$ 15.28
28	For removal, transport and legal disposal of debris, unsuitable material and unsuitable backfill material, including tipping fees, as required for construction of the work, as ordered by the Engineer.	Cubic Yards (Contingent Item)	\$ 35.00	36	\$ 1,260.00
29	For furnishing and installing additional suitable backfill material, as directed by the Engineer	Cubic Yards (Contingent Item)	\$ 35.00	36	\$ 1,260.00
30	For constructing Ilmerock base for Type "M" permanent paving repairs. (based on 179 L.F. of pipe at NW 23rd Ave.)	Sq. Yds.	\$ 20.00	102	\$ 2,040.00
31	For constructing asphaltic concrete surface course for Type "M" permanent paving repairs. (based on 179 L.F. of pipe at NW 23rd Ave.)	Sq. Yds.	\$ 20.00	102	\$ 2,040.00
32	For milling existing asphalt pavement to an average depth of 1-inch, complete. (based on 179 L.F. of pipe), (2 traffic lanes). NW 23rd Ave.	Sq. Yds. (Contingent Item)	\$ 0.01	491	\$ 4.91
33	For resurfacing, using Type "V" permanent pavement repairs (nominal one-inch thick machine-laid asphaltic concrete surface overlay). (based on 179 L.F. of pipe), (2 traffic lanes). NW 23rd Ave.	Sq. Yds. (Contingent Item)	\$ 0.01	491	\$ 4.91
34	For replacement of pavement markings, damaged, removed, or obliterated by the Contractor's operation.	Aggregate Sum	\$ 0.01	1	\$ 0.01
35	For constructing sidewalk restoration to match existing, the price per square foot of	Sq. Yds. (Contingent Item)	\$ 0.01	290	\$ 2.90
36	For furnishing traffic control. (5 % of the sum of items (2) thru (32)). (Limited to NW 23rd Avenue and NW 32nd Street)	Aggr. Sum	\$ 9,866.13	1	\$ 9,866.13
37	Subtotal 1 (the sum of items (1) thru (36)).	SUBTOTAL 1 =			\$ 224,696.57
38	For the cost of providing 2 off-duty police officer as required (2 x \$55.00/hr x 8 hrs. x 20 days).	Dedicated Allowance	\$ 17,600.00	1	\$ 17,600.00
39	Authorized reimbursable cost account. For costs of required permits, fees, inspections, impact fees, if authorized by the Engineer. (3% of SUBTOTAL 1, shown above).	Dedicated Allowance	\$ 6,740.90	1	\$ 6,740.90
40	Contingency Allowance. For unforeseen conditions, for minor construction changes, and for quantity adjustments, if ordered by the Engineer. The of 10% of the subtotal Item No. 37, (0.1) x (Subtotal Item No. 37)	Contingency Allowance	\$ 22,469.66	1	\$ 22,469.66
41	Total Bid (the sum of items (37) thru (40))	TOTAL WATER MAIN IMPROVEMENTS			\$ 271,507.13
	Note: For a detailed description of each Water Main Proposal Item, refer to Section 8.0 of the Water Main Specifications entitled "Measurement and Payment".				
	COMBINED GRAND TOTAL BID AMOUNT = BASE BID + WATER MAIN IMPROVEMENTS				\$ 1,337,006.45

NOTES FOR WATER MAIN PAY ITEMS:

- 1) Cost for replacement of traffic loop detector assemblies is included in pipe installation and connection costs.
- 2) Cost for removal and replacement of trees is included in pipe installation and connection costs.
- 3) Items for selling and delivering of pipe and fittings, include restraint in fittings and appurtenances, as required by the project.
- 4) Items for installing pipe and fittings, include restraint in fittings and appurtenances, as required by the project.



**SECTION 4
BID FORMS**

Submitted: 1/6/2020
Date

City of Miami, Florida
Office of the City Clerk
City Hall, 1st Floor
3500 Pan American Drive
Miami, Florida 33133-5504

The undersigned, as Bidder, hereby declares that the only persons interested in this bid as principal are named herein and that no person other than herein mentioned has any interest in this bid or in the Contract to be entered into; that this bid is made without connection with any other person, firm, or parties making a bid; and that it is, in all respects, made fairly and in good faith without collusion or fraud.

The Bidder further declares that it has examined the site of the Work and informed itself fully of all conditions pertaining to the place where the Work is to be done; that it has examined the Contract Documents and all addenda thereto furnished before the opening of the bids, as acknowledged below; and that it has satisfied itself about the Work to be performed; and that it has submitted the required bid Guaranty; and all other required information with the bid; and that this bid is submitted voluntarily and willingly.

The Bidder agrees, if this bid is accepted, to Contract with the City, a political subdivision of the State of Florida, pursuant to the terms and conditions of the Contract Documents and to furnish all necessary materials, equipment, machinery, tools, apparatus, means of transportation, and all labor necessary to construct and complete within the time limits, the specified Work covered by the Contract Documents for the Project entitled:

Bid No: 19-20-009
**Title: NW 24th Avenue, NW 25th Avenue, and NW 32nd Street
Road Improvements, D1 - Project B-30723**

The Bidder also agrees to furnish the required Performance Bond and Payment Bond or alternative form of security, if permitted by the City, each for not less than the total bid price plus alternates, if any, and to furnish the required Certificate(s) of Insurance.

The undersigned further agrees that the Bid Guaranty accompanying the bid shall be forfeited if Bidder fails to execute said Contract and fails to furnish the required Performance Bond and Payment Bond as well as the required Certificate(s) of Insurance within fifteen (15) calendar days after being notified of the award of the Contract.

In the event of arithmetical errors, the Bidder agrees that these errors are errors that may be corrected by the City. In the event of a discrepancy between the price bid in figures and the price bid in words, the price in words shall govern. Bidder agrees that any unit price listed in the bid is to be multiplied by the stated quantity requirements in order to arrive at the total.

Note: Bidders are bidding on estimated quantities for the purpose of determining the lowest responsive and responsible Bidder. Payments will be made based on unit prices of actual quantities installed. Where a discrepancy exists between the unit price and the extended price the unit price will prevail. Where there is a discrepancy between the numerical and written bid amount, the written bid amount will prevail.



Form SU must be submitted with Bidder's Bid. The SU Form can be found posted on the webpage with the bid documents.

Scope of Work: The Work consists of, but is not limited to, the street reconstruction, milling and resurfacing, drainage installation, water main and water services installation, and replacement of curbs, driveways, Americans with Disabilities Act ("ADA") compliant ramps, pavement marking and signage.

Utility Work will be funded by a Joint Project Agreement ("JPA") with Miami-Dade County Water and Sewer Department ("WASD"). Funding for Utility Work will be released after satisfactory inspection by WASD.

The full Scope of Work is detailed in the Contract Documents.

ITB No.: 19-20-009 – NW 24th Avenue, NW 25th Avenue, and NW 32nd Street Road Improvements, D1

(The following MUST be filled in)

A. Total Base Bid Construction Cost (City of Miami Project B-30723)	\$ <u>1,065,499.³²</u>
B. Total Add Alternate Construction Cost (Water Main PCTS No. 14924)	\$ <u>271,507.¹³</u>
C. Combined Total Bid Construction Cost (Total Base Bid + Total Add Alternate)	\$ <u>1,337,006.⁴⁵</u>

WRITTEN COMBINED TOTAL BID CONSTRUCTION COST (GUARANTEED MAXIMUM PRICE/COST):

\$ one million three hundred thirty seven thousand six dollars
(Total Base Bid + Total Add Alternate)
and forty-five CENTS