

MIAMI-DADE COUNTY
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS (DTPW)

ADDENDUM NO. 6
November 15, 2021

PROJECT: Roadway Improvements to NW 37th Avenue from NW 36th Street to NW 79th Street. Project No. 20210093

BID DUE DATE: November 24, 2021; 02:00 P.M.

FROM: Miami-Dade County DTPW
Capital Improvements Division
111 NW First Street, 14th Floor
Miami, FL 33128
305.375.2930

TO: Prospective Bidders and Interested Parties

This Addendum forms part of the project solicitation documents and will be incorporated into the Contract Documents, as applicable. Insofar as the Original Contract Documents, Drawings and Specifications are inconsistent, this Addendum shall govern. Please acknowledge receipt of this Addendum, at the time of bid submittal to Miami-Dade County, in the space provided on the "Acknowledgement of Addenda Form" provided with the project solicitation documents. Failure to acknowledge receipt of all addenda may be cause for disqualification.

CHANGES TO THE BID FORM:

- A. Delete Revised Bid Form for Addendum No. 3 dated 10/28/2021 in its entirety and replace it with the attached Revised Bid Form for Addendum No. 6, dated 11/15/2021. Changes are as follows:
1. Pay item WS-1050-11-0317A Furnish And Install Single Service (3")-All Incidentals Included, EA. has been deleted.
 2. Pay Item No. WS-1050-11-0217A, "Furnish and Install Single Service (2")-All Incidentals Included", changed its quantity from 18 EA to 19 EA. Pay item note has been added to specify that one of the 2" water service includes the furnishing and installation of a reduced pressure zone back flow preventor (RPZBFP) as described in item 44 under section 8 of Volume 4 - WASD Technical Specifications for the Proposed Water Main.
 3. Pay item No. WS-1050-11- 014, "For constructing Flushing Valve Outlet assemblies (FVO's)." has changed its quantity from 35 EA to 37 EA.
 4. Pay item notes referenced to the WASD Proposed Water Main have been revised to include all changes in WASD pay items. Attached WASD quotation form has been added as reference only in this addendum. Please do not submit this form with your submittal package.
 5. Pay item WS-1050-11-0022, "Furnish and Install Water Meters", with a quantity of 45 EA has been added.

CHANGES TO THE PLANS:

- A. Volume 5 - WASD Plans for Proposed Water Main. Changes performed are enclosed in revision clouds.
1. Delete sheet No. 50, Typical Section, in its entirety, and replace with Revised P-50 Water Main for Addendum No. 6.

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2. Delete sheet No. 54, Typical Section, in its entirety, and replace with Revised P-54 Water Main for Addendum No. 6.
3. Delete sheet No. 62, Typical Section, in its entirety, and replace with Revised P-62 Water Main for Addendum No. 6.

CHANGES TO TECHNICAL SPECIFICATIONS:

- B. Volume 4 - WASD Technical Specifications for the Proposed Water Main. Changes performed have been highlighted in yellow.
1. Delete Section 8.00 - Measurement and Payment, in its entirety, and replace with Revised Section 8.00 - Measurement and Payment for Addendum No. 6.

END OF ADDENDUM NO. 6



Alfredo E. Muñoz, P.E.
Chief, Capital Improvements Division
Department of Transportation and Public Works (DTPW)

AM/rb

cc: Roxana Bayarre, P.E. DTPW	Fernando Mardones, DTPW	Alejandro Barrios, DTPW
Rene Idarraga, P.E., DTPW	Marcia Martin, ISD	Clerk of the Board
Katherine Fernandez, DTPW	Jackeline Fusel, ISD	Project File
Miguel Soria, DTPW	Luis, Eduardo M., WASD	

Revised Bid form 20210093 for Addendum No. 6

Bid Form

PROJECT TITLE: Roadway Improvements to NW 37th Avenue from NW 36 St to NW 79th Street

PROJECT NO: 20210093

IF THIS PROPOSAL IS ACCEPTED, THE UNDERSIGNED AGREES TO COMPLETE ALL WORK UNDER THIS CONTRACT WITHIN ONE THOUSAND NINETY FIVE (1095) CALENDAR DAYS AFTER THE EFFECTIVE DATE ESTABLISHED IN THE *NOTICE TO PROCEED WITH CONTRACT WORK*.

Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
102-1A	1.0	L.S.	MAINTENANCE OF TRAFFIC			
Pay Item No. 102-1A includes WASD Items No. 1 and 78 from the Water Main, and 1 and 60 from the Gravity Sewer.						
102-3	40,500.0	CF	COMMERCIAL MATERIAL FOR DRIVEWAY MAINTENANCE			
102-61	150.0	EA.	BUSINESS SIGNS (Temporary, Post Mounted)			
102-74-1	254,430.0	EA/DAY	BARRICADES (TEMPORARY- TYPE I, II, VP & DRUM).			
102-74-2	10,080.0	EA/DAY	BARRICADES (Temporary, Type III, 6')			
102-77	8,360.0	EA/DAY	HIGH INTENSITY FLASHING LIGHTS (TEMPORARY, TYPE "B")			
102-78	1,574.0	EA.	REFLECTIVE PAVEMENT MARKER (Temporary) (This item is contingent upon field conditions and may be increased or decreased by the Engineer)			
102-91-1A	169,560.0	L.F.	PAVEMENT MARKING TEMPORARY (Solid) (Any width) (Yellow or White) (Paint)			
102-99	1,488.0	EA/DAY	VARIABLE MESSAGE SIGN (Temporary)			
102-60A	32,250.0	EA/DAY	WORK ZONE SIGNS			
102-76A	4,410.0	EA/DAY	ADVANCE WARNING ARROW PANEL			

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
102-91A	26,960.0	L.F.	PAVEMENT MARKING TEMPORARY (Skip) (Any width) (Yellow or White) (Paint) (10' stripe, 30' space)			
104-10-3	28,700.0	L.F.	Sediment Barrier			
104-18	124.0	EA.	Inlet Protection System			
110-1-1B	1.0	L.S.	CLEARING AND GRUBBING			
120-1	31,489.0	C.Y.	REGULAR EXCAVATION			
120-6	776.0	C.Y.	EMBANKMENT (This item is contingent upon field conditions and may be increased, decreased or eliminated by the Engineer)			
160-4	92,342.0	S.Y.	TYPE "B" STABILIZATION (12" Thick) (Min. C.B.R. 30)			
200-1-10	106,448.0	S.Y.	LIMEROCK BASE (8" Thick, Primed)			
Pay Item No. 200-1-10 contains 9,486 SY and 310 SY of WASD Items No. 64 and 66 from the Water Main, and 4,200 SY and 110 SY of WASD Items No. 52 and 54 from the Gravity Sewer.						
327-70-5	2,514.0	S.Y.	MILLING EXISTING ASPHALT PAVEMENT (2" average depth)			
327-70-1A	6,525.0	S.Y.	MILLING EXISTING ASPHALT PAVEMENT (1 Inch average depth)			
Pay Item 327-70-1A is WASD Pay Item No. 68 from the Water Main.						

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
327-70-6A	1,207.0	S.Y.	MILLING EXISTING ASPHALT PAVEMENT (1 1/2" average depth)			
Pay Item 327-70-6A is WASD Pay Item No. 70 from the Water Main.						
334-1-13	161.4	TON	SUPERPAVE ASPHALTIC CONCRETE (Traffic C)			
Pay Item No. 334-1-13 contains 310 SY (approximately 17.1 Tons) of WASD Item No. 67 from the Water Main, and 110 SY (approximately 6.1 Tons) of WASD Item No. 55 from the Gravity Sewer.						
334-2-13-2	10,025.6	TON	Hot Mix Asphalt, Traffic C, SP-12.5			
Pay Item No. 334-2-13-2 contains 9,486 SY (approximately 521.7 Tons) of WASD Item No. 65 from the Water Main, and 4,200 SY (approximately 231 Tons) of WASD Item No. 53 from the Gravity Sewer.						
337-7-21A	204.7	TON	ASPHALTIC CONCRETE FRICTION COURSE (FC-9.5) (RUBBER) (1" Thick)			
Pay Item No. 337-7-21A contains 1,207 SY (approximately 66.4 Tons) of WASD Item No. 70 from the Water Main.						
337-8-42	4,995.4	TON	Hot Mix Asphalt Friction Course, Traffic C, FC-9.5, PG 76-22			
Pay Item No. 337-8-32 contains 6,525 SY (approximately 358.9 Tons) of WASD Item No. 69 from the Water Main.						
339-1	307.0	TON	MISCELLANEOUS ASPHALT PAVEMENT			
Pay Item No. 339-1 contains 1,036 SY (approximately 57 Tons) of WASD Item No. 56 from the Gravity Sewer.						

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
425-1-201	3.0	EA.	INLETS (Curb) Type (P-9) (< 10')			
425-1-203	1.0	EA	INLETS, Curb, Type 9, J Bot, <10'			
425-1-311	6.0	EA.	INLETS (CURB)(TYPE P-1) < 10 '			
425-1-312	2.0	EA.	INLET CURB TYPE P-1 (>10')			
425-1-321	3.0	EA.	INLETS (CURB)(TYPE P-2) < 10 '			
425-1-322A	1.0	EA.	INLET CURB Type P-2 > 10'			
425-1-331C	5.0	EA.	INLET CURB TYPE P-3 < 10'			
425-1-351	32.0	EA.	INLET CURB (TYPE P-5)< 10 '			
425-1-353	3.0	EA.	INLETS (Curb) (TYPE P-5) (>10')			
425-1-361	2.0	EA.	INLET, CURB (Type P-6)< 10'			
425-1-451B	1.0	EA.	INLET (Curb) Type J-5 (<10')			
425-1-452	1.0	EA	INLET (Curb) Type J-5 (>10')			

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
425-1-463	2.0	EA	INLET CURB (Type J-6) < 10'			
425-1-462	1.0	EA	INLET (Curb) Type J-6 (>10')			
425-1-721	18.0	EA.	INLET (Gutter) Type P-11 (<10')			
425-1-722	1.0	EA	INLET (Gutter) Type P-11 (>10')			
425-1-909-1	23.0	EA	INLET (CURB) TYPE J-11, <10'			
425-1-909-2	9.0	EA	INLET (CURB) TYPE J-11, >10'			
425-1-311C	1.0	EA	INLETS (CURB)(TYPE P-1) < 10' (SPECIAL)			
425-1-901C	9.0	EA.	INLETS (Special) (< 10')			
425-2-41B	15.0	EA.	MANHOLE (Type P-7) (< 10')			
425-2-42C	3.0	EA	MANHOLES (P-7) (>10')			
425-2-71C	8.0	EA.	MANHOLE (J-7) (<10')			
425-2-71B	10.0	EA.	MANHOLE J-7 > 10'			

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
425-6	98.0	EA.	ADJUST EXISTING VALVE BOXES (MIAMI-DADE COUNTY ONLY) (This item is contingent upon field conditions and may be increased, decreased or eliminated by the Engineer)			
425-5B	17.0	EA.	ADJUST MANHOLE - MIAMI-DADE COUNTY ONLY - (This item is contingent upon field conditions and may be increased, decreased or eliminated by the Engineer)			
430-1-136	1.0	L.S.	Relocate 36" Stormsewer Pipe			
Pay Item 430-1-136 is WASD Pay Item No. 47 from the Sanitary Sewer System.						
430-175-115	3,251.0	L.F.	PIPE CULVERT OPTIONAL MATERIAL, Round Shape, 15"			
430-175-118	252.0	L.F.	PIPE CULVERT OPTIONAL MATERIAL, Round Shape, 18"			
430-175-124	975.0	L.F.	PIPE CULVERT OPTIONAL MATERIAL, Round Shape, 24"			
430-175-136	105.0	L.F.	PIPE CULVERT OPTIONAL MATERIAL, Round Shape, 36"			
430-175-215	233.0	L.F.	PIPE CULVERT, OPTIONAL MATERIAL, Other Elip/Arch, 15"			
443-70-4-3	170.0	L.F.	French Drain (24" diameter perforated pipe; trench depth 15 ft. BLS)			
443-70-6-3	9,128.0	L.F.	French Drain (36" diameter perforated pipe; trench depth 15 ft. BLS)			
520-1-10	14,282.0	L.F.	CONCRETE CURB & GUTTER (Type F) (6" Curb, 18" Gutter) (Includes cost of limerock base and subgrade)			
Pay Item No. 520-1-10 contains 50 LF of WASD Item No. 75 from the Water Main, and 42 LF of WASD Item No. 58 from the Gravity Sewer.						

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
520-2-12	13,515.0	L.F.	CONCRETE CURB (Type "D")			
520-3A	13,901.0	L.F.	CONCRETE VALLEY GUTTER (Any type)			
522-1(1)	17,099.2	S.Y.	CONCRETE SIDEWALK [4" THICK, 3,000 P.S.I. CONCRETE AT 28 DAYS (Includes the cost of pedestrian ramps and sidewalk curbs)			
Pay Item No. 522-1(1) contains 362 SF (approximately 40.25 SY) and 10 EA (approximately 53 SY) of WASD Items No. 74 and 80 from the Water Main, and 270 SF (approximately 30 SY) of WASD Items No. 57 from the Gravity Sewer.						
522-2(1)	6,472.0	S.Y.	CONCRETE SIDEWALK (6" THICK) (Includes driveways)			
527-2	1,459.0	S.F.	DETECTABLE WARNING ON WALKING SURFACE			
Pay Item No. 527-2 contains 80 SF of WASD Item No. 81 from the Water Main.						
536-1-01	400.0	L.F.	GUARDRAIL (Roadway) (Includes the cost of shop bent panels)			
536-9	4.0	EA.	END ANCHORAGE (TYPE IV)			
549-0A	1,449.0	L.F.	DEMOLITION AND REMOVAL OF CHAIN LINK FENCE			
550-2-6B	1,215.0	L.F.	NEW CHAIN LINK FENCE TYPE "B" (6' HIGH)			
550-60-232	7.0	EA	Fence Gate, Type B, Sliding/Cantilever, 6.1 – 12' Opening			
550-60-235	4.0	EA	Fence Gate, Type B, Sliding/Cantilever, 20.1 – 24' Opening			

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
575-1-1	2,019.0	S.Y.	SODDING (Pensacola Bahia or match existing) (includes watering)			
Pay Item No. 575-1-1 contains 24 SY of WASD Item No. 76 from the Water Main, and 983 SY of WASD Item No.59 from the Gravity Sewer.						
580-327-10	90.0	EA.	TREE REMOVAL (Under 12" to 6")			
580-327-24	1.0	EA.	REMOVAL OF TREES (Greater than 24" diameter, up to 36" diameter)			
580-327-23A	116.0	EA.	TREE REMOVAL (12" to 24" diameter)			
630-2-11	14,013.0	L.F.	CONDUIT, Furnish & Install, Open Trench			
630-2-12	4,190.0	L.F.	CONDUIT, Furnish & Install, Directional Bore			
632-7-1	4.0	P.I.	TRAFFIC CONTROL CABLE			
632-7-6	4.0	P.I.	SIGNAL CABLE, REMOVE- INTERSECTION			
635-2-11	218.0	EA.	PULL & SPLICE BOX, Furnish & Install, 13" x 24" COVER SIZE			
639-1-122	4.0	AS.	Electrical Power Service, Furnish & Install, Underground, Meter Purchased by Contractor			
639-2-1	3,705.0	L.F.	SERVICE WIRE[(#6 AWG with THW insulation)(Three conductor set)(Black,white and green)]			

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
641-2-12	1.0	EA.	PRESTRESSED CONCRETE POLES (Furnish & Install) (Type P-II Service Pole)			
641-2-60	4.0	EA	Prestressed Concrete Pole, Complete pole Removal – Pedestal/Service Pole			
646-1-11	23.0	EA.	ALUMINUM SIGNALS POLE, (Furnish & Install) (Pedestal)			
646-1-60	1.0	EA	Aluminum Signals Pole, Remove			
649-21-1	11.0	EA.	Steel Mast Arm Assembly, Furnish & Install, Single Arm 30'			
649-21-3	2.0	EA.	Steel Mast Arm Assembly, Furnish & Install, Single Arm 40'			
649-21-6	2.0	EA.	Steel Mast Arm Assembly, (F&I), Single Arm 50'			
649-21-15	1.0	EA.	Steel Mast Arm Assembly, Furnish & Install, Single Arm 70'			
650-1-14	23.0	AS.	TRAFFIC SIGNAL, FURNISH & INSTALL, ALUMINUM, 3 SECTION, 1 WAY			
650-1-18	11.0	AS.	TRAFFIC SIGNAL, FURNISH & INSTALL, ALUMINUM, 5 SECTION STRAIGHT, 1 WAY			
650-1-60	34.0	AS.	TRAFFIC SIGNAL, Remove- Poles to Remain)			
653-1-11	32.0	AS.	PEDESTRIAN SIGNAL, FURNISH & INSTALL, LED COUNTDOWN, 1 WAY			

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
653-1-60	24.0	AS.	Pedestrian Signal, Remove Ped Signal – Pole/Pedestal to remain			
660-1-109B	19.0	EA	LOOP DETECTOR, INDUCTIVE (F & I) (Type 9, 2Ch, SS, RM)			
660-2-101	3.0	AS.	LOOP ASSEMBLY			
660-2-106	34.0	AS.	LOOP ASSEMBLY, F&I, Type F			
Pay Item No. 660-2-106 contains 5 EA of WASD Item No. 82 from the Water Main.						
665-1-11	16.0	EA.	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD			
665-1-60	13.0	EA	Pedestrian Detector, Remove-Pole/Pedestal to Remain			
670-5-140	4.0	AS.	TRAFFIC CONTROLLER ASSEMBLY (Furnish & Install) (Model 2070)			
670-5-400	2.0	AS.	Traffic Controller Assembly (Modify)			
670-5-600	4.0	AS.	Traffic Controller Assembly, Remove controller with cabinet			
690-40	11.0	EA.	REMOVE MAST ARM ASSEMBLY			
690-80-1	1.0	P.I.	REMOVE SPAN WIRE ASSEMBLY			

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
700-5-21	18.0	EA.	INTERNALLY ILLUMINATED SIGN, FURNISH, & INSTALL OVERHEAD MOUNT, UP TO 12 SF			
700-5-60	14.0	EA	Internally Illuminated Sign, Remove			
700-1-11B	229.0	AS.	SINGLE POST SIGN, F&I Ground Mount, Up to 12 SF			
700-1-12C	30.0	AS.	SINGLE POST SIGN, Furnish & Install Ground Mount, 12-20 SF			
700-1-50	8.0	AS.	Single Post Sign, Relocate			
700-1-60	53.0	AS.	SINGLE POST SIGN, REMOVE			
700-2-12	13.0	AS.	Multi- Post Sign, F&I Ground Mount, 12-20 SF			
700-3-501	2.0	EA.	SIGN PANEL, RELOCATE, UP TO 12 SF			
705-11-1	1.0	EA.	DELINEATOR (Flexible Tubular)			
Pay Item 705-11-1 is part of WASD Item No. 79 from the Water Main						
706-1-12	50.0	EA.	REFLECTIVE PAVEMENT MARKERS (class B, mono or bi-directional, all colors)			
Pay Item 706-1-12 is part of WASD Item No. 79 from the Water Main						
706-1-12A	1,310.0	EA.	REFLECTIVE PAVEMENT MARKERS PERMANENT (Bi-Directional) amber/amber			

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
706-1-12B	264.0	EA.	REFLECTIVE PAVEMENT MARKERS PERMANENT (Clear and Red)			
710-11-121	29,697.0	L.F.	PAINTED PAVEMENT MARKINGS (Standard, White, solid, 6")			
710-11-122	87.0	L.F.	PAINTED PAVEMENT MARKINGS,STANDARD,WHITE,SOLID, 8"			
710-11-123	6,743.0	L.F.	PAINTED PAVEMENT MARKINGS,STANDARD,WHITE,SOLID, 12"			
710-11-124	28.0	L.F.	PAINTED PAVEMENT MARKINGS (Standard, White, solid, 18")			
710-11-125	1,495.0	L.F.	PAINTED PAVEMENT MARKINGS (Standard, White, solid, 24")			
710-11-141B	110.0	L.F.	PAINTED PAVEMENT MARKINGS (Standard) (White) (Skip) (6") (10/30)			
710-11-160	72.0	EA.	PAINTED PAVEMENT MARKINGS (Standard)(White)(Message)			
710-11-170	167.0	EA	PAINTED PAVEMENT MARKING (Standard) (White) (Arrows)			
710-11-221	26,977.0	L.F.	PAINTED PAVEMENT MARKINGS (Standard, Yellow, solid, 6")			
710-11-224	456.0	L.F.	PAINTED PAVEMENT MARKINGS,STANDARD,YELLOW,SOLID, 18"			
710-11-241	50.0	L.F.	PAINTED PAVEMENT MARKINGS (Standard) (Yellow) (Skip) (6")			

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PROJECT TITLE: Roadway Improvements to NW 37th Avenue from NW 36 St to NW 79th Street

PROJECT NO: 20210093

IF THIS PROPOSAL IS ACCEPTED, THE UNDERSIGNED AGREES TO COMPLETE ALL WORK UNDER THIS CONTRACT WITHIN ONE THOUSAND NINETY FIVE (1095) CALENDAR DAYS AFTER THE EFFECTIVE DATE ESTABLISHED IN THE *NOTICE TO PROCEED WITH CONTRACT WORK*.

Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
710-11-241B	2,840.0	L.F.	PAINTED PAVEMENT MARKINGS, Standard, Yellow, Skip 10'-30', 6"			
711-11-123	6,941.0	L.F.	THERMOPLASTIC (White) (Solid) (12")			
Pay Item No. 711-11-123 contains 198 LF of WASD Item No. 79 from the Water Main.						
711-11-124	28.0	L.F.	THERMOPLASTIC (White) (Solid) (18")			
711-11-125	1,595.0	L.F.	THERMOPLASTIC (White) (Solid) (24")			
Pay Item No. 711-11-125 contains 100 LF of WASD Item No. 79 from the Water Main.						
711-11-160	72.0	EA.	THERMOPLASTIC (White) (Message)			
711-11-170	171.0	EA	THERMOPLASTIC (White) (Arrows)			
Pay Item No. 711-11-170 contains 4 EA of WASD Item No. 79 from the Water Main.						
711-11-224	456.0	L.F.	THERMOPLASTIC (Yellow) (Solid) (18")			
711-11-221	28,257.0	L.F.	THERMOPLASTIC (Yellow) (Solid) (6")			
Pay Item No. 711-11-221 contains 1280 LF of WASD Item No. 79 from the Water Main.						
711-11-241B	2,840.0	L.F.	THERMOPLASTIC (Standard) (Yellow) (Skip 10'-30') (6")			
711-11-121	30,889.0	L.F.	THERMOPLASTIC (White) (Solid) (6")			
Pay Item No. 711-11-121 contains 1192 LF of WASD Item No. 79 from the Water Main.						

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
711-11-122	87.0	L.F.	THERMOPLASTIC (White) (Solid) (8")			
711-11-141B	110.0	L.F.	THERMOPLASTIC, STD (White) (10/30) (Skip) (6")			
711-11-241	50.0	L.F.	THERMOPLASTIC (Yellow) (Skip) (6")			
715-1-12	1,080.0	L.F.	LIGHTING - CONDUCTORS (F & I) (No. 8 to No. 6)			
715-1-13	46,681.0	L.F.	LIGHTING - CONDUCTORS (F&I) (No. 4 to No. 2)			
715-1-14	970.0	L.F.	LIGHTING - CONDUCTORS (F&I) (No. 1 to No. 0)			
715-4-70	67.0	EA	LIGHT POLE COMPLETE, Remove Pole and Foundation			
715-4-122	80.0	EA.	Light Pole Complete, F&I, Wind Speed 150, Pole Height 45'			
715-5-50	1.0	EA.	LUMINAIRE & BRACKET ARM (Remove)			
715-7-11A	4.0	EA	LOAD CENTER (Secondary Voltage)			
715-11-11F	9.0	EA.	LUMINAIRE (Furnish & Install) (Roadway) (Cobra Head)			
715-500-1C	83.0	EA.	POLE CABLE DISTRIBUTION SYSTEM (FURNISH AND INSTALL)			

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
715-511-135	3.0	EA	LIGHT POLE COMPLETE, Special Design, F&I, Single Arm Shoulder Mount, Aluminum, 35'			
WS-1050-10-006	500.0	C.Y.	For removal, transport, and legal disposal of debris and unsuitable material not shown on the plans.			
Pay item WS-1050-10-006 corresponds to pay item no.61 of Proposed Water Main of WASD and pay item 48 of Proposed Sanitary Sewer of WASD						
WS-1050-10-010	800.0	S.F.	For sheeting and shoring ordered left in place by the Engineer.			
Pay item WS-1050-10-010 corresponds to pay item no.78 of Proposed Water Main of WASD and pay item 51 of Proposed Sanitary Sewer of WASD						
WS-1050-10-011	900.0	L.F.	For trench overcut in one-foot depth increments			
Pay item WS-1050-10-011 corresponds to pay item no.77 of Proposed Water Main of WASD and pay item 50 of Proposed Sanitary Sewer of WASD						
WS-1050-10-012	500.0	C.Y.	For furnishing and installing additional suitable backfill material.			
Pay item WS-1050-10-012 corresponds to pay item no.62 of Proposed Water Main of WASD and pay item 49 of Proposed Sanitary Sewer of WASD						
WS-1050-10-1316A	1.0	L.S.	Furnish and Install Microtunnel			
Pay item WS-1050-10-1316A corresponds to pay item no.22 of Proposed Water Main of WASD						
WS-1050-10-1316B	1.0	L.S.	Furnish and Install Microtunnel			
Pay item WS-1050-10-1316B corresponds to pay item no.23 of Proposed Water Main of WASD						

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
WS-1050-10-1316C	1.0	L.S.	Furnish and Install Microtunnel			
Pay item WS-1050-10-1316C corresponds to pay item no.24 of Proposed Water Main of WASD						
WS-1050-11-0013	42.0	EA.	For constructing Air Release Valve Assemblies (ARV's)			
Pay item WS-1050-11-0013 corresponds to pay item no.55 of Proposed Water Main of WASD						
WS-1050-11-014	37.0	EA.	For constructing Flushing Valve Outlet assemblies (FVO's).			
Pay item WS-1050-11-014 corresponds to pay item no.56 and 57 of Proposed Water Main of WASD. It contains a quantity of 17 EA from pay item no. 56 and 20 EA from pay item no. 57 of Proposed Water Main of WASD.						
WS-1050-11-0015A	22.0	S.Y.	Constructing 8-inch reinforced concrete protective slab, per WASD Standard Detail GS 1.2, as ordered by the Engineer			
Pay item WS-1050-11-0015A corresponds to pay item no.63 of Proposed Water Main of WASD						
WS-1050-11-0017A	13.0	EA	Furnish and Install 1-inch single service, complete.			
Pay item WS-1050-11-0017A corresponds to pay item no.48 of Proposed Water Main of WASD						
WS-1050-11-0019	10,122.0	L.F.	For furnishing & Install polyethylene encasement as directed by the Engineer.			
Pay item WS-1050-11-0019 corresponds to pay item no.73 of Proposed Water Main of WASD						
WS-1050-11-0019A	5,906.0	L.F.	For furnishing & Install V-Bio polyethylene encasement as directed by the Engineer.			
Pay item WS-1050-11-0019A corresponds to pay item no.72 of Proposed Water Main of WASD						

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
WS-1050-11-0020A	5.0	EA	Furnish and Install Dual Service (1")- All incidentals, Complete.			
Pay item WS-1050-11-0020A corresponds to pay item no.49 of Proposed Water Main of WASD						
WS-1050-11-0022	45.0	EA	Furnish and Install Water Meters			
Pay item WS-1050-11-0022 corresponds to pay item no.54 of Proposed Water Main of WASD. It includes removal of existing meters, meter transfers and capping existing service lines						
WS-1050-11-0120A	6.0	EA	Furnish and Install Dual Service (1 1/2")- All incidentals, Complete.			
Pay item WS-1050-11-0120A corresponds to pay item no.50 of Proposed Water Main of WASD						
WS-1050-11-0217A	19.0	EA	Furnish and Install Single Service (2")-All incidentals included			
Pay item WS-1050-11-0217A corresponds to pay item no.51 of Proposed Water Main of WASD						
WS-1050-11-0220A	2.0	EA	Furnish and Install Dual Service (2")-All incidentals included			
Pay item WS-1050-11-0220A corresponds to pay item no.52 of Proposed Water Main of WASD						
WS-1050-11-0403	1.0	EA	Furnish and Install Tapping Sleeve (6.0" – 7.9")			
Pay item WS-1050-11-0403 corresponds to pay item no.28 of Proposed Water Main of WASD						
WS-1050-11-0503	1.0	EA	Furnish and Install Tapping Sleeve (8.0" – 9.9")			
Pay item WS-1050-11-0503 corresponds to pay item no.27 of Proposed Water Main of WASD						

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
WS-1050-11-0703	1.0	EA.	Furnish and Install Tapping Sleeve (12" – 13.9")			
Pay item WS-1050-11-0703 corresponds to pay item no.25 of Proposed Water Main of WASD						
WS-1050-11-0703A	2.0	EA	Furnish and Install Tapping Sleeve (12" – 13.9"), Cut and Cap Existing Water Main.			
Pay item WS-1050-11-0703A corresponds to pay item no.26 of Proposed Water Main of WASD						
WS-1050-11-1803	1.0	EA	Furnish and Install Tapping Sleeve (60.0" or larger)			
Pay item WS-1050-11-1803 corresponds to pay item no.29 of Proposed Water Main of WASD						
WS-1050-11-5213	100.0	L.F.	For Furnishing and Installing 30" Steel Casings for Water Main			
Pay item WS-1050-11-5213 corresponds to pay item no.21 of Proposed Water Main of WASD						
WS-1050-12-0016	27.0	EA.	Selling and Delivering to the Department Fire Hydrant Assemblies, Complete.			
Pay item WS-1050-12-0016 corresponds to pay item no.59 of Proposed Water Main of WASD						
WS-1060-12-111	11.0	EA	For Selling and Delivering to the Department Sanitary Sewer Precast Manhole (0-6').			
Pay item WS-1060-12-111 corresponds to pay item no.2 of Proposed Gravity Sewer						
WS-1060-12-112	10.0	EA	For Selling and Delivering to the Department Sanitary Sewer Precast Manhole (6-8').			
Pay item WS-1060-12-112 corresponds to pay item no.4 of Proposed Gravity Sewer						

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
WS-1060-12-113	8.0	EA	For Selling and Delivering to the Department Sanitary Sewer Precast Manhole (8-10').			
Pay item WS-1060-12-113 corresponds to pay item no.6 of Proposed Gravity Sewer						
WS-1060-12-114	2.0	EA	For Selling and Delivering to the Department Sanitary Sewer Precast Manhole (10-12').			
Pay item WS-1060-12-114 corresponds to pay item no.8 of Proposed Gravity Sewer						
WS-1060-12-165	1.0	EA	For Selling and Delivering to the Department Sanitary Sewer Fiberglass Reinforced Plastic (FRP) Manhole (12-14').			
Pay item WS-1060-12-165 corresponds to pay item no.10 of Proposed Gravity Sewer						
WS-1060-12-213	1.0	EA	For Selling and Delivering to the Department Sanitary Sewer Precast Drop Manhole (8-10').			
Pay item WS-1060-12-213 corresponds to pay item no.12 of Proposed Gravity Sewer						
WS-1050-12-226	70.0	L.F.	For Selling and Delivering to the Department PVC Pipe (10"-11.9")-inches and Fittings for Water Main.			
Pay item WS-1050-12-226 corresponds to pay item no.11 of Proposed Water Main of WASD						
WS-1060-12-265	1.0	EA	For Selling and Delivering to the Department Sanitary Sewer Precast Fiberglass Reinforced Plastic (FRP) Drop Manhole (12-14').			
Pay item WS-1060-12-265 corresponds to pay item no.14 of Proposed Gravity Sewer						
WS-1050-12-0412	31.0	EA.	For selling and delivering to the Department M.J. resilient seated gate valves (6"-7.9") complete with valve box, lid and riser pipe.			
Pay item WS-1050-12-0412 corresponds to pay item no.46 of Proposed Water Main of WASD						

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
WS-1050-12-0424	537.0	L.F.	For selling and delivering to the Department ductile iron pipe (6"-7.9") and fittings for water main.			
Pay item WS-1050-12-0424 corresponds to pay item no.18 and 19 of Proposed Water Main of WASD. It contains a quantity of 447 LF from pay item no. 18 and 90 LF from pay item no. 19 of Proposed Water Main of WASD.						
WS-1050-12-0424A	135.0	L.F.	For selling and delivering to the Department Zinc-Coated Ductile Iron Pipe (6"-7.9") and Fittings for Water Main.			
Pay item WS-1050-12-0424A corresponds to pay item no.17 of Proposed Water Main of WASD						
WS-1050-12-425	123.0	L.F.	For selling and delivering to the Department ductile iron pipe (8"-9.9") and fittings for water main.			
Pay item WS-1050-12-425 corresponds to pay item no.14 and 15 of Proposed Water Main of WASD. It contains a quantity of 63 LF from pay item no. 14 and 60 LF from pay item no. 15 of Proposed Water Main of WASD.						
WS-1050-12-425A	30.0	L.F.	For selling and delivering to the Department Zinc-Coated Ductile Iron Pipe (8"-9.9") and Fittings for Water Main.			
Pay item WS-1050-12-425A corresponds to pay item no.13 of Proposed Water Main of WASD						
WS-1050-12-426	50.0	L.F.	For selling and delivering to the Department ductile iron pipe (10"-11.9")-inches and fittings for water main.			
Pay item WS-1050-12-426 corresponds to pay item no.10 of Proposed Water Main of WASD						
WS-1050-12-427	1,278.0	L.F.	For selling and delivering to the Department ductile iron pipe (12"-13.9")-inches and fittings for water main.			
Pay item WS-1050-12-427 corresponds to pay item no.7 and 8 of Proposed Water Main of WASD. It contains a quantity of 1258 LF from pay item no. 7 and 20 LF from pay item no. 8 of Proposed Water Main of WASD.						

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
WS-1050-12-427A	233.0	L.F.	For selling and delivering to the Department Zinc-Coated Ductile Iron pipe (12"-13.9")-inches and fittings for water main.			
Pay item WS-1050-12-427A corresponds to pay item no.5 and 6 of Proposed Water Main of WASD. It contains a quantity of 208 LF from pay item no. 5 and 25 LF from pay item no. 6 of Proposed Water Main of WASD.						
WS-1050-12-0429	8,134.0	L.F.	For selling and delivering to the Department ductile iron pipe (16.0 -17.9") and fittings for water main.			
Pay item WS-1050-12-0429 corresponds to pay item no.3 of Proposed Water Main of WASD						
WS-1050-12-0429A	5,508.0	L.F.	For Selling and Delivering to the Department Zinc-Coated Ductile Iron Pipe (16.0 -17.9") and Fittings for Water Main.			
Pay item WS-1050-12-0429A corresponds to pay item no. 2 of Proposed Water Main of WASD						
WS-1050-12-0512	7.0	EA.	For selling and delivering to the Department M.J. resilient seated gate valves (8"-9.9") complete with valve box, lid and riser pipe.			
Pay item WS-1050-12-0512 corresponds to pay item no.44 of Proposed Water Main of WASD						
WS-1050-12-0612	3.0	EA.	For selling and delivering to the Department M.J. resilient seated gate valves (10"-11.9") complete with valve box, lid and riser pipe.			
Pay item WS-1050-12-0612 corresponds to pay item no.42 of Proposed Water Main of WASD						
WS-1050-12-0712	17.0	EA	For selling and delivering to the Department M.J. resilient seated gate valves (12"-13.9") complete with valve box, lid and riser pipe.			
Pay item WS-1050-12-0712 corresponds to pay item no.40 of Proposed Water Main of WASD						
WS-1050-12-0912	31.0	EA.	For selling and delivering to the Department M.J. resilient seated gate valve (16"-17.9") complete with valve box, lid and riser pipe.			
Pay item WS-1050-12-0912 corresponds to pay item no.38 of Proposed Water Main of WASD						

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
WS-1060-12-2250	4,248.0	L.F.	For Selling and Delivering to the Department PVC (C-900) Pipe and Fittings (8.0 -9.9") for Gravity Sewer.			
Pay item WS-1060-12-2250 corresponds to pay item no.16 of Proposed Gravity Sewer						
WS-1060-12-2260	4,158.0	L.F.	For Selling and Delivering to the Department PVC (C-900) Pipe and Fittings (10.0 -11.9") for Gravity Sewer.			
Pay item WS-1060-12-2260 corresponds to pay item no.21 of Proposed Gravity Sewer						
WS-1060-12-2270	60.0	L.F.	For Selling and Delivering to the Department PVC (C-900) Pipe and Fittings (12.0 -13.9") for Gravity Sewer.			
Pay item WS-1060-12-2270 corresponds to pay item no.27 of Proposed Gravity Sewer						
WS-1060-12-2280	40.0	L.F.	For Selling and Delivering to the Department PVC (C-900) Pipe and Fittings (14.0 -15.9") for Gravity Sewer.			
Pay item WS-1060-12-2280 corresponds to pay item no.29 of Proposed Gravity Sewer						
WS-1050-13-0016	27.0	EA.	installing fire hydrant assemblies with guard posts, complete.			
Pay item WS-1050-13-0016 corresponds to pay item no.60 of Proposed Water Main of WASD						
WS-1060-13-111	11.0	EA	For Installing Sanitary Sewer Precast Manhole (6-6').			
Pay item WS-1060-13-111 corresponds to pay item no.3 of Proposed Gravity Sewer						
WS-1060-13-112	10.0	EA	For Installing Sanitary Sewer Precast Manhole (6-8').			
Pay item WS-1060-13-112 corresponds to pay item no.5 of Proposed Gravity Sewer						
WS-1060-13-113	8.0	EA	For Installing Sanitary Sewer Precast Manhole (8-10').			
Pay item WS-1060-13-113 corresponds to pay item no.7 of Proposed Gravity Sewer						

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
WS-1060-13-114	2.0	EA	For Installing Sanitary Sewer Precast Manhole (10-12').			
Pay item WS-1060-13-114 corresponds to pay item no.9 of Proposed Gravity Sewer						
WS-1060-13-165	1.0	EA	For Installing Sanitary Sewer Fiberglass Reinforced Plastic (FRP) Manhole (12-14').			
Pay item WS-1060-13-165 corresponds to pay item no.11 of Proposed Gravity Sewer						
WS-1060-13-213	1.0	EA	For Installing Sanitary Sewer Precast Drop Manhole (8-10').			
Pay item WS-1060-13-213 corresponds to pay item no.13 of Proposed Gravity Sewer						
WS-1050-13-226	70.0	L.F.	For installing (10"-11.9")-inch PVC pipe and fittings for water main.			
Pay item WS-1050-13-226 corresponds to pay item no.11 of Proposed Water Main of WASD. It includes the PVC C900 pipe and Ductile Iron fittings.						
WS-1060-13-265	1.0	EA	For Installing Sanitary Sewer Precast Fiberglass Reinforced Plastic (FRP) Drop Manhole (12-14').			
Pay item WS-1060-13-265 corresponds to pay item no.15 of Proposed Gravity Sewer						
WS-1050-13-0412	31.0	EA	For installing M.J. resilient seated gate valve (6"-7.9") complete with valve box, lid and riser pipe.			
Pay item WS-1050-13-0412 corresponds to pay item no.47 of Proposed Water Main of WASD						
WS-1050-13-424	672.0	L.F.	For installing (6"-7.9")-inch ductile iron pipe and fittings for water main.			
Pay item WS-1050-13-424 corresponds to pay item no.20 of Proposed Water Main of WASD						

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Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
WS-1050-13-425	153.0	L.F.	For installing (8"-9.9")-inch ductile iron pipe and fittings for water main			
Pay item WS-1050-13-425 corresponds to pay item no.16 of Proposed Water Main of WASD						
WS-1050-13-426A	120.0	L.F.	For installing (10"-11.9")-inch pipe and fittings for water main.			
Pay item WS-1050-13-426 corresponds to pay item no.11 of Proposed Water Main of WASD. It includes the installation of 50 LF from pay item no. 10 and 70 LF from pay item no. 11 of Proposed Water Main of WASD.						
WS-1050-13-427	1,511.0	L.F.	For installing (12"-13.9")-inch ductile iron pipe and fittings for water main			
Pay item WS-1050-13-427 corresponds to pay item no.9 of Proposed Water Main of WASD						
WS-1050-13-429A	13,642.0	L.F.	For installing (16"-17.9")-inch ductile iron pipe and fittings for water main			
Pay item WS-1050-13-429A corresponds to pay item no.4 of Proposed Water Main of WASD						
WS-1050-13-0512	7.0	EA.	For installing M.J. resilient seated gate valve (8"-9.9") complete with valve box, lid and riser pipe.			
Pay item WS-1050-13-0512 corresponds to pay item no.45 of Proposed Water Main of WASD						
WS-1050-13-0612	3.0	EA	For installing M.J. resilient seated gate valve (10"-11.9") complete with valve box, lid and riser pipe.			
Pay item WS-1050-13-0612 corresponds to pay item no.43 of Proposed Water Main of WASD						
WS-1050-13-0712	17.0	EA	For installing M.J. resilient seated gate valve (12"-13.9") complete with valve box, lid and riser pipe.			
Pay item WS-1050-13-0712 corresponds to pay item no.41 of Proposed Water Main of WASD						

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PROJECT TITLE: Roadway Improvements to NW 37th Avenue from NW 36 St to NW 79th Street

PROJECT NO: 20210093

IF THIS PROPOSAL IS ACCEPTED, THE UNDERSIGNED AGREES TO COMPLETE ALL WORK UNDER THIS CONTRACT WITHIN ONE THOUSAND NINETY FIVE (1095) CALENDAR DAYS AFTER THE EFFECTIVE DATE ESTABLISHED IN THE *NOTICE TO PROCEED WITH CONTRACT WORK*.

Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
WS-1050-13-0912	31.0	EA.	For installing M.J. resilient seated gate valve (16"-17.9") complete with valve box, lid and riser pipe.			
Pay item WS-1050-13-0912 corresponds to pay item no.39 of Proposed Water Main of WASD						
WS-1060-13-2251	1,208.0	L.F.	For Installing (8.0 -9.9") PVC (C900) Pipe and Fittings for Gravity Sewer Main (0 - 6').			
Pay item WS-1060-13-2251 corresponds to pay item no.17 of Proposed Gravity Sewer						
WS-1060-13-2252	1,547.0	L.F.	For Installing (8.0 -9.9") PVC (C900) Pipe and Fittings for Gravity Sewer Main (6 - 8').			
Pay item WS-1060-13-2252 corresponds to pay item no.18 of Proposed Gravity Sewer						
WS-1060-13-2253	870.0	L.F.	For Installing (8.0 -9.9") PVC (C900) Pipe and Fittings for Gravity Sewer Main (8-10').			
Pay item WS-1060-13-2253 corresponds to pay item no.19 of Proposed Gravity Sewer						
WS-1060-13-2254	623.0	L.F.	For Installing (8.0 -9.9") PVC (C900) Pipe and Fittings for Gravity Sewer Main (10-12').			
Pay item WS-1060-13-2254 corresponds to pay item no.20 of Proposed Gravity Sewer						
WS-1060-13-2261	778.0	L.F.	For Installing (10.0 -11.9") PVC (C900) Pipe and Fittings for Gravity Sewer Main (0 - 6').			
Pay item WS-1060-13-2261 corresponds to pay item no.22 of Proposed Gravity Sewer						
WS-1060-13-2262	1,596.0	L.F.	For Installing (10.0 -11.9") PVC (C900) Pipe and Fittings for Gravity Sewer Main (6 - 8').			
Pay item WS-1060-13-2262 corresponds to pay item no.23 of Proposed Gravity Sewer						
WS-1060-13-2263	958.0	L.F.	For Installing (10.0 -11.9") PVC (C900) Pipe and Fittings for Gravity Sewer Main (8 - 10').			
Pay item WS-1060-13-2263 corresponds to pay item no.24 of Proposed Gravity Sewer						

Revised Bid form 20210093 for Addendum No. 6

Bid Form

PROJECT TITLE: Roadway Improvements to NW 37th Avenue from NW 36 St to NW 79th Street

PROJECT NO: 20210093

IF THIS PROPOSAL IS ACCEPTED, THE UNDERSIGNED AGREES TO COMPLETE ALL WORK UNDER THIS CONTRACT WITHIN ONE THOUSAND NINETY FIVE (1095) CALENDAR DAYS AFTER THE EFFECTIVE DATE ESTABLISHED IN THE *NOTICE TO PROCEED WITH CONTRACT WORK*.

Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
WS-1060-13-2264	384.0	L.F.	For Installing (10.0 -11.9") PVC (C900) Pipe and Fittings for Gravity Sewer Main (10 - 12').			
Pay item WS-1060-13-2264 corresponds to pay item no.25 of Proposed Gravity Sewer						
WS-1060-13-2265	402.0	L.F.	For Installing (10.0 -11.9") PVC (C900) Pipe and Fittings for Gravity Sewer Main (12 - 14').			
Pay item WS-1060-13-2265 corresponds to pay item no.26 of Proposed Gravity Sewer						
WS-1060-13-2273	60.0	L.F.	For Installing (12.0 -13.9") PVC (C900) Pipe and Fittings for Gravity Sewer Main (8 - 10').			
Pay item WS-1060-13-2273 corresponds to pay item no.28 of Proposed Gravity Sewer						
WS-1060-13-2285	40.0	L.F.	For Installing (14.0 -15.9") PVC (C900) Pipe and Fittings for Gravity Sewer Main (12 - 14').			
Pay item WS-1060-13-2285 corresponds to pay item no.30 of Proposed Gravity Sewer						
WS-1050-14-0214	1.0	EA.	For making cut-in connection to existing (2" - 3.9")-inch water main, including capping the existing water main.			
Pay item WS-1050-14-0214 corresponds to pay item no.37 of Proposed Water Main of WASD						
WS-1050-14-0414	3.0	EA	For making cut-in connection to existing (6.0" - 7.9")-inch water main, including capping the existing water main.			
Pay item WS-1050-14-0414 corresponds to pay item no.36 of Proposed Water Main of WASD						
WS-1050-14-0514	7.0	EA.	For making cut-in connection to existing (8.0" - 9.9")-inch water main, including capping the existing water main.			
Pay item WS-1050-14-0514 corresponds to pay item no.34 and 35 of Proposed Water Main of WASD. It contains a quantity of 4 EA from pay item no. 34 and 2 EA from pay item no. 35 of Proposed Water Main of WASD.						

Revised Bid form 20210093 for Addendum No. 6

Bid Form

PROJECT TITLE: Roadway Improvements to NW 37th Avenue from NW 36 St to NW 79th Street

PROJECT NO: 20210093

IF THIS PROPOSAL IS ACCEPTED, THE UNDERSIGNED AGREES TO COMPLETE ALL WORK UNDER THIS CONTRACT WITHIN ONE THOUSAND NINETY FIVE (1095) CALENDAR DAYS AFTER THE EFFECTIVE DATE ESTABLISHED IN THE *NOTICE TO PROCEED WITH CONTRACT WORK*.

Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
WS-1050-14-0614	5.0	EA.	For making cut-in connection to existing (10.0" - 11.9")-inch water main, including capping the existing water main.			
Pay item WS-1050-14-0614 corresponds to pay item no.32 and 33 of Proposed Water Main of WASD. It contains a quantity of 3 EA from pay item no. 32 and 2 EA from pay item no. 33 of Proposed Water Main of WASD.						
WS-1050-14-0714	2.0	EA.	For making cut-in connection to existing (12.0" - 13.9")-inch water main, including capping the existing water main.			
Pay item WS-1050-14-0714 corresponds to pay item no.30 and 31 of Proposed Water Main of WASD. It contains a quantity of 1 EA from pay item no. 30 and 1 EA from pay item no. 31 of Proposed Water Main of WASD.						
WS-1050-17-0016	4.0	EA	Remove and Salvage Existing Fire Hydrant Assembly with Elbow/Shoe and Guard Posts			
Pay item WS-1050-17-0016 corresponds to pay item no.58 of Proposed Water Main of WASD						
WS-1060-21-2740	48.0	EA	Furnishing and Installing (6.0-7.9") Clean-Out Assembly for Sewer Laterals			
Pay item WS-1060-21-2740 corresponds to pay item no.33 of Proposed Gravity Sewer						
WS-1060-22-2252	7.0	EA	For Selling and Delivering to the Department 8"x6" PVC Tee Branch Connection for Deep Sewers			
Pay item WS-1060-22-2252 corresponds to pay item no.38 of Proposed Gravity Sewer						
WS-1060-22-2262	13.0	EA	For Selling and Delivering to the Department 10"x6" PVC Tee Branch Connection for Deep Sewers			
Pay item WS-1060-22-2262 corresponds to pay item no.40 of Proposed Gravity Sewer						
WS-1060-22-2651	18.0	EA	For Selling and Delivering to the Department 8"x6" PVC Wye Branch Connection for Shallow Sewers			
Pay item WS-1060-22-2651 corresponds to pay item no.34 of Proposed Gravity Sewer						

Revised Bid form 20210093 for Addendum No. 6

Bid Form

PROJECT TITLE: Roadway Improvements to NW 37th Avenue from NW 36 St to NW 79th Street

PROJECT NO: 20210093

IF THIS PROPOSAL IS ACCEPTED, THE UNDERSIGNED AGREES TO COMPLETE ALL WORK UNDER THIS CONTRACT WITHIN ONE THOUSAND NINETY FIVE (1095) CALENDAR DAYS AFTER THE EFFECTIVE DATE ESTABLISHED IN THE *NOTICE TO PROCEED WITH CONTRACT WORK*.

Item No	Quantity	Unit	Description	Written Unit Amount	Unit Price	Total
WS-1060-22-2661	10.0	EA	For Selling and Delivering to the Department 10"x6" PVC Wye Branch Connection for Shallow Sewers			
Pay item WS-1060-22-2661 corresponds to pay item no.36 of Proposed Gravity Sewer						
WS-1060-22-2840	1,047.0	L.F.	For Selling and Delivering to the Department (6.0-7.9") PVC (C-900) Pipe for Sanitary Sewer Lateral.			
Pay item WS-1060-22-2840 corresponds to pay item no.31 of Proposed Gravity Sewer						
WS-1060-23-2252	7.0	EA	For Installing 8"x6" PVC Tee Branch Connection for Deep Sewers			
Pay item WS-1060-23-2252 corresponds to pay item no.39 of Proposed Gravity Sewer						
WS-1060-23-2262	13.0	EA	For Installing 10"x6" PVC Tee Branch Connection for Deep Sewers			
Pay item WS-1060-23-2262 corresponds to pay item no.41 of Proposed Gravity Sewer						
WS-1060-23-2651	18.0	EA	For Installing 8"x6" PVC Wye Branch Connection for Shallow Sewers			
Pay item WS-1060-23-2651 corresponds to pay item no.35 of Proposed Gravity Sewer						
WS-1060-23-2661	10.0	EA	For Installing 10"x6" PVC Wye Branch Connection for Shallow Sewers			
Pay item WS-1060-23-2661 corresponds to pay item no.37 of Proposed Gravity Sewer						
WS-1060-23-2840	1,047.0	L.F.	For Installing (6.0-7.9") PVC (C-900) Pipe for Sanitary Sewer Lateral.			
Pay item WS-1060-23-2840 corresponds to pay item no.32 of Proposed Gravity Sewer						

Bid Form

PROJECT TITLE: Roadway Improvements to NW 37th Avenue from NW 36 St to NW 79th Street PROJECT NO: 20210093
IF THIS PROPOSAL IS ACCEPTED, THE UNDERSIGNED AGREES TO COMPLETE ALL WORK UNDER THIS CONTRACT WITHIN ONE THOUSAND NINETY FIVE (1095) CALENDAR DAYS AFTER THE EFFECTIVE DATE ESTABLISHED IN THE *NOTICE TO PROCEED WITH CONTRACT WORK*.

Total: _____

The bidder understands and agrees that the above total is inclusive of all work necessary to complete the job as described in the plans and specifications.
Quantities are established and are included only for the purpose of facilitating the uniform comparison of bids submitted. The County shall not be held responsible if the quantities are not accurate and all computations for compensation shall be based upon the actual work performed, whether greater or less than estimated quantities.

Tax Identification Number: _____
D.C. Certificate of competency No: _____
Bidder's Name: _____
Bidder's telephone Number: _____
Bidder's address: _____

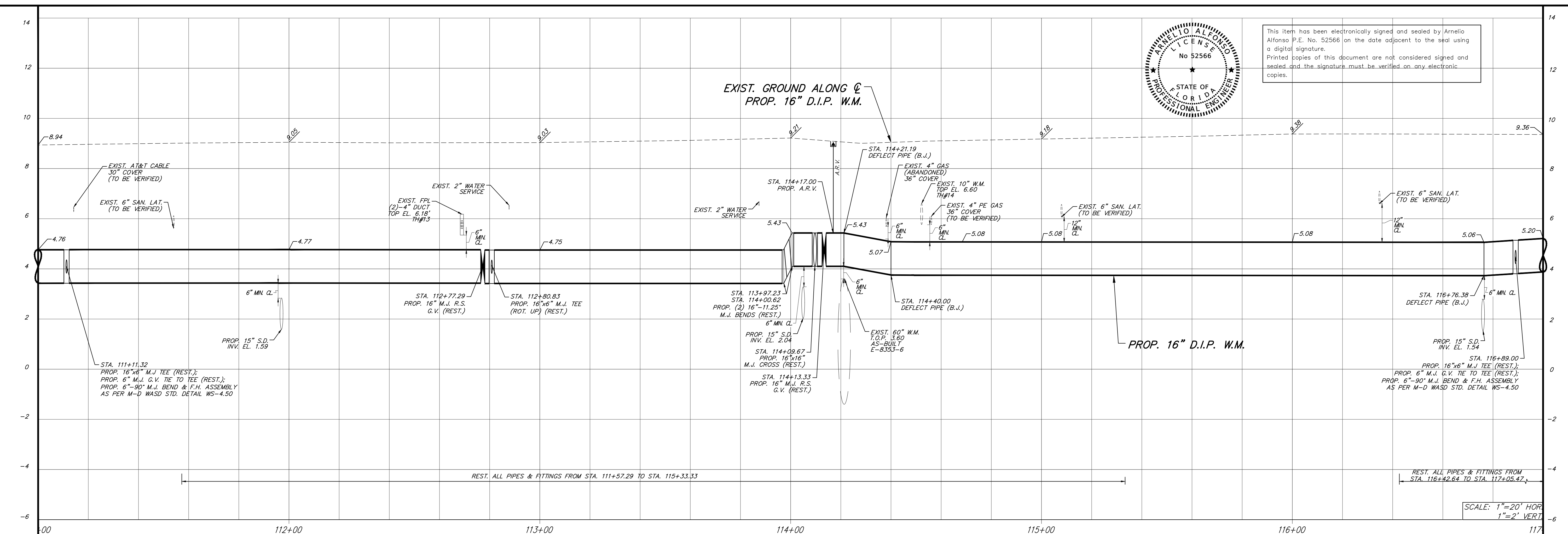
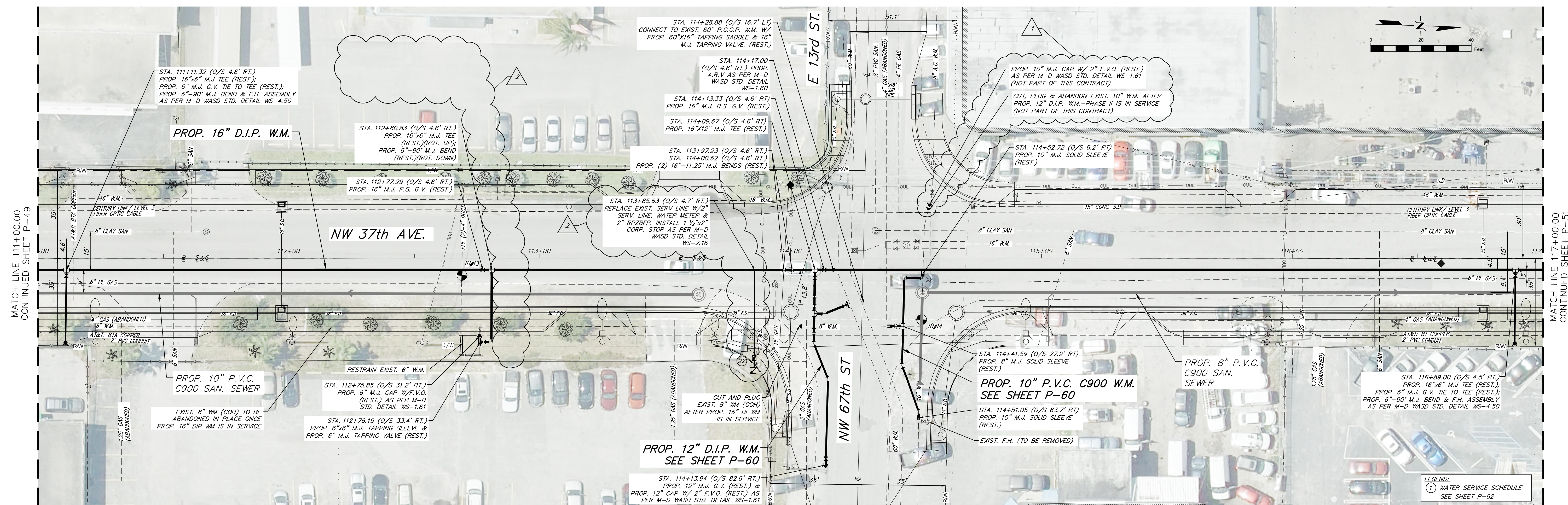
Bid Form

PROJECT TITLE: Roadway Improvements to NW 37th Avenue from NW 36 St to NW 79th Street PROJECT NO: 20210093
IF THIS PROPOSAL IS ACCEPTED, THE UNDERSIGNED AGREES TO COMPLETE ALL WORK UNDER THIS CONTRACT WITHIN ONE THOUSAND NINETY FIVE (1095) CALENDAR DAYS AFTER THE EFFECTIVE DATE ESTABLISHED IN THE *NOTICE TO PROCEED WITH CONTRACT WORK*.

BIDDER ACKNOWLEDGES THAT INCLUDED IN THE VARIOUS ITEMS OF THE PROPOSAL AND IN THE TOTAL BID PRICE ARE COSTS FOR COMPLYING WITH THE FLORIDA TRENCH SAFETY ACT (90-96), LAWS OF FLA. EFFECTIVE OCTOBER 1st, 1990. THE BIDDER FURTHER IDENTIFIES THE COSTS TO BE SUMMARIZED BELOW:

	Trench Safety Measure (Description)	Units of Measure (LF, SY)	Unit (Quantity)	Unit Cost	Extended Cost
A.					
B.					
C.					
D.					

FAILURE TO COMPLETE THE ABOVE MAY RESULT IN THE BID BEING DECLARED NON-RESPONSIVE

DRAWING HISTORY

RELEASED FOR		DATE
1	30% SUBMITTAL	01/15/20
2	90% SUBMITTAL	05/15/20
3	PERMIT SUBMITTAL	10/07/20
4	100% SUBMITTAL	03/03/21

REVISIONS

No.	DESCRIPTION	DATE
1	CUT & PLUG-PHASE II	10/12/21
2	WATER METER (21) WAS REMOVED, WATER METER (22) REVISED LOCATION & ADDITION OF 2" RP28RP	11/04/21

APPROVALS

PROJECT MGR: A.A.	CHECKED: A
DESIGNED: I.P.	DRAWN: V.M
CHIEF ENGINEER:	
SECTION HEAD:	
DESIGN MGR.:	

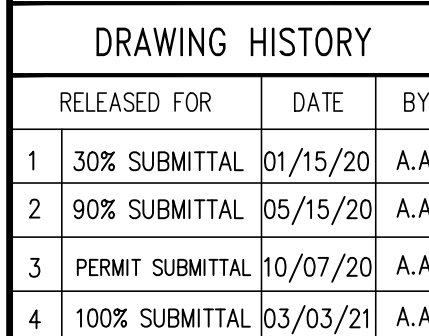
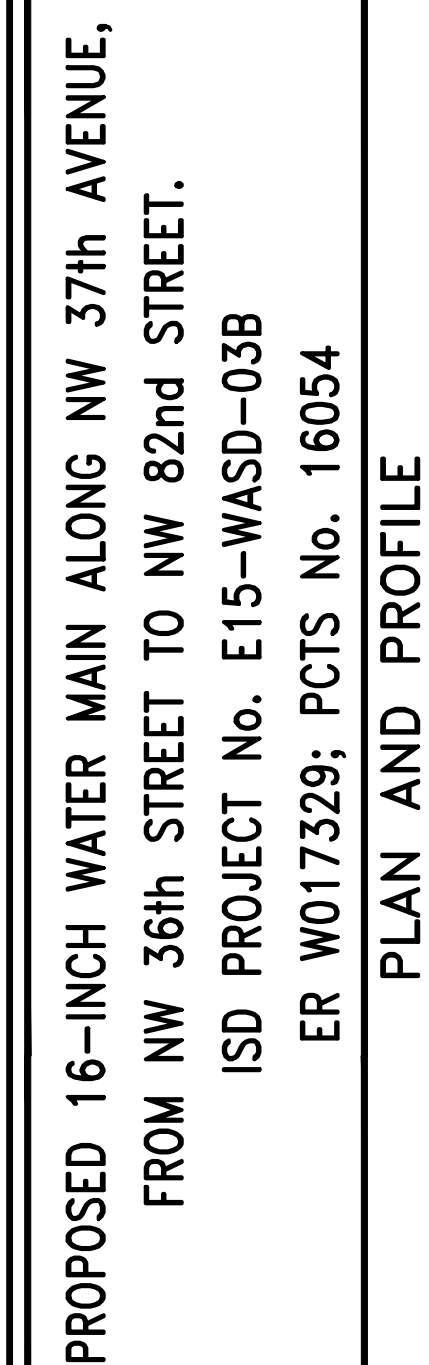
ARNELIO ALFONSO, P
CIVIL ENGINEER
State of Florida - License No.
8935 NW 35th LN, SUITE 2
MIAMI FL. 33172
(305) 592-7283

FILE NAME: 050_Plan&Profile_17.dwg

DATE: 03/03/2021	SCALE: 1"=
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SHEET P-50 OF 14

DWG. No.



APPROVALS

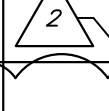
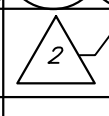

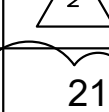
CHIEF ENGINEER:
SECTION HEAD:
DESIGN MGR.:

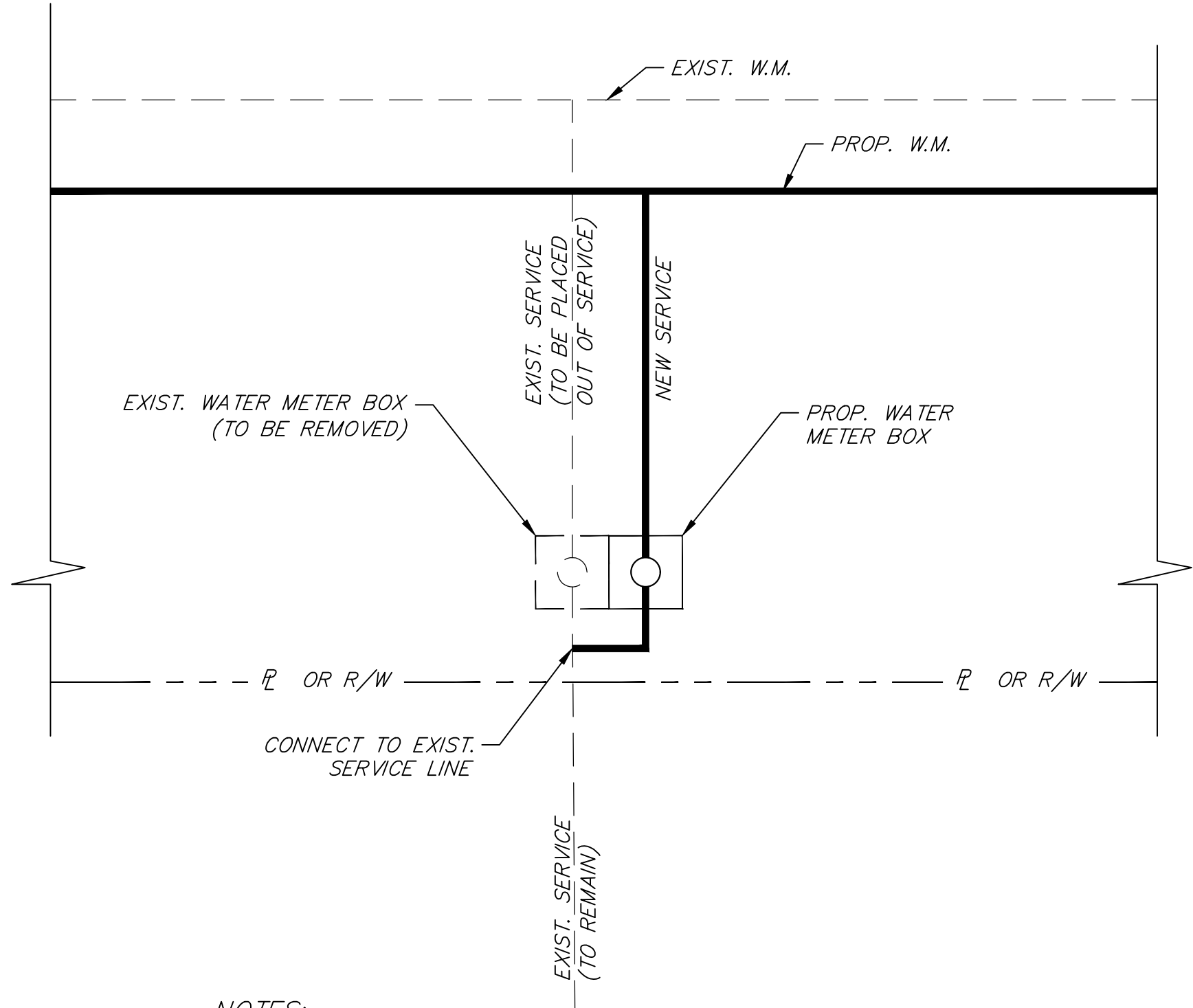
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DATE: 03/03/2021	SCALE: 1"=20'
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SHEET P-54 OF 145

DWG. No.

WATER SERVICE SCHEDULE															
No.	STATION	OFFSET		BASELINE	WATER SERVICE (SIZE)	WATER METER	REMARKS	LENGHT (LF)							SHEET No.
		LT	RT					5/8"	3/4"	1"	1 1/2"	2"	2 1/2"	3"	
1	29+56.94		33.8	NW 37th AVENUE	1"	5/8"	DUAL			2					P-35
2	29+58.36		33.8	NW 37th AVENUE	1"	5/8"	DUAL			2					P-35
3	29+60.06		33.8	NW 37th AVENUE	1"	5/8"	DUAL			2		18			P-35
4	29+61.67		33.8	NW 37th AVENUE	1"	5/8"	DUAL			2					P-35
5	29+63.61		33.8	NW 37th AVENUE	1"	5/8"	DUAL			2					P-35
6	29+74.43		14	NW 37th AVENUE	2"	2"	SINGLE					19			P-35
7	31+10.69		13.4	NW 37th AVENUE	2"	2"	SINGLE					19			P-35
8	38+21.40		13.4	NW 37th AVENUE	2"	2"	SINGLE					17			P-37
9	39+58.00		13.4	NW 37th AVENUE	2"	2"	SINGLE					18			P-37
10	43+76.02		13.4	NW 37th AVENUE	2"	2"	SINGLE					18			P-38
11	45+29.22		33.9	NW 37th AVENUE	1"	3/4"	SINGLE			2					P-38
12	45+32.43		33.9	NW 37th AVENUE	1"	3/4"	SINGLE			2		19			P-38
13	45+32.51		33.9	NW 37th AVENUE	1"	3/4"	SINGLE			2					P-38
14	48+53.62		16.4	NW 37th AVENUE	1"	5/8"	SINGLE			17					P-39
15	98+37.76		13.9	NW 37th AVENUE	1"	1"	SINGLE			19					P-47
16	102+30.54		4.5	NW 37th AVENUE	1 1/2"	1 1/2"	SINGLE				26				P-48
17	105+29.98		30.9	NW 37th AVENUE	1 1/2"	1 1/2"	SINGLE				3	25			P-49
18	105+32.48		30.9	NW 37th AVENUE	1 1/2"	1 1/2"	SINGLE				3				P-49
19	106+38.67		4.7	NW 37th AVENUE	1"	5/8"	SINGLE			28					P-49
20	108+86.52		4.6	NW 37th AVENUE	2"	2"	SINGLE					26			P-49
															P-50
22	113+85.63		4.7	NW 37th AVENUE	2"	2"	SINGLE					33			P-50
23	117+59.94		4.5	NW 37th AVENUE	2"	2"	SINGLE					28			P-51
24	118+84.31		4.4	NW 37th AVENUE	1"	1"	SINGLE			28					P-51
25	118+86.90		4.4	NW 37th AVENUE	2"	2"	SINGLE					28			P-51
26	122+65.88		2.9	NW 37th AVENUE	2"	2"	SINGLE					30			P-51
27	122+74.86		2.7	NW 37th AVENUE	2"	2"	SINGLE					30			P-51
28	133+95.15		11.5	NW 37th AVENUE	1"	1"	SINGLE			28					P-53
29	134+77.03		11.5	NW 37th AVENUE	1 1/2"	1 1/2"	SINGLE				19				P-53
30	135+40.68		11.4	NW 37th AVENUE	1 1/2"	1 1/2"	SINGLE				19				P-54
31	137+04.73		11.5	NW 37th AVENUE	3"	3"	SINGLE							21	P-54
32	138+66.86		11.9	NW 37th AVENUE	1 1/2"	1 1/2"	SINGLE				21				P-54
33	141+45.67		19.8	NW 37th AVENUE	2"	2"	SINGLE					13			P-55
34	144+14.89		14	NW 37th AVENUE	2"	2"	SINGLE					19			P-55
35	148+94.85		14.3	NW 37th AVENUE	1"	5/8"	SINGLE			16					P-56
36	152+52.79		14.5	NW 37th AVENUE	2"	2"	SINGLE					19			P-56
37	155+73.62		25.6	NW 37th AVENUE	1"	5/8"	SINGLE			5					P-57
38	157+24.5		24.5	NW 37th AVENUE	2"	2"	SINGLE					7			P-57
39	158+67.65		24.0	NW 37th AVENUE	2"	5/8"	DUAL					7			P-57
40	159+54.20		24.1	NW 37th AVENUE	1"	5/8"	SINGLE			7					P-58
41	160+39.02		24.1	NW 37th AVENUE	1"	5/8"	SINGLE			7					P-58
42	163+84.01		22.9	NW 37th AVENUE	1"	5/8"	SINGLE			9					P-58

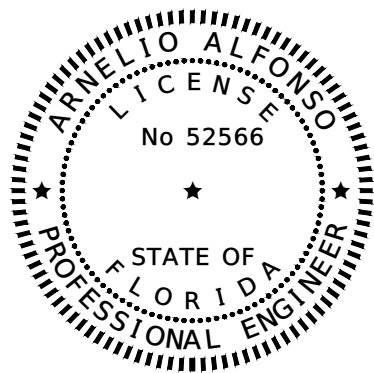


NOTES:

1. CONTRACTOR SHALL INSTALL THE PROPOSED METER BOXES AS PER M-D WASD STANDARD DETAILS WS 2.10, WS 2.12 & WS 4.16.
2. CONTRACTOR SHALL INSTALL PROPOSED WATER METERS AT THE SAME LOCATIONS OR NEXT TO EXISTING WATER METERS.
3. CONTRACTOR SHALL ADJUST THE NEW METER BOXES ELEVATIONS TO MATCH EXISTING GRADE.
4. M-D WASD SHALL INSTALL NEW METERS AND REMOVE EXISTING METERS.
5. CONTRACTOR SHALL CONNECT THE NEW WATER METERS TO EXISTING WATER SERVICES AFTER THE PROPOSED W.M. IS IN SERVICE.

INSTALLATION OF NEW METER DETAIL AND SEQUENCE

(PLAN) N.T.S.



This item has been electronically signed and sealed by Arnelio Alfonso P.E. No. 52566 on the date adjacent to the seal using a digital signature. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

PROPOSED 16-INCH WATER MAIN ALONG NW 37th AVENUE, FROM NW 36th STREET TO NW 82nd STREET.
ISD PROJECT No. E15-WASD-03B
ER W017329; PCTS No. 16054
WATER SERVICE SCHEDULE

DRAWING HISTORY

RELEASED FOR	DATE	BY
1 30% SUBMITTAL	01/15/20	A.A.
2 90% SUBMITTAL	05/15/20	A.A.
3 PERMIT SUBMITTAL	10/07/20	A.A.
4 100% SUBMITTAL	03/05/21	A.A.
5 Revised after 100%	07/14/21	A.A.

REVISIONS

No.	DESCRIPTION	DATE	BY
1	WATER METER CHANGED FROM 2" TO 3" @ NW 37th AVENUE & NW 36th STREET	11/04/21	A.A.
2	WATER METER CHANGED FROM 2" TO 3" @ NW 37th AVENUE & NW 36th STREET	11/04/21	A.A.

APPROVALS

PROJECT MGR: A.A. CHECKED: A.A.

DESIGNED: I.P. DRAWN: V.M.

CHIEF ENGINEER:

SECTION HEAD:

DESIGN MGR.:

ARNELIO ALFONSO, P.E.
CIVIL ENGINEER
State of Florida - License No. 52566
8935 NW 35th LN, SUITE 200, MIAMI FL 33172
(305) 592-7283

FILE NAME:062_Water Service Schedule.dwg

DATE:03/05/2021 SCALE:

SHEET P-62 OF 171

DWG. No.

8.00 MEASUREMENT AND PAYMENT

A. General:

1. Payment for all the work completed under this Project shall be made in accordance with the provisions of the "Special Conditions" on the basis of the specific provisions of this section of the Specifications.
2. The Contractor will be paid each month the value of the work completed during the preceding month (less retainage) and the invoiced cost including applicable sales taxes and shipping value (less retainage) of materials not already used, but which have been furnished by the Contractor under the Specifications, provided that such materials have been delivered, properly stored and inspected by the Engineer and that payment therefore has been satisfactorily certified by the Contractor to the Engineer. Remaining cost for materials (less retainage) will be paid at the same time as installation. Any payment for materials which are not used will be withheld from the final payment.
3. The Contractor shall receive and accept the compensation as provided in the Quotation, the RPQ and "Invoices and Payments" of the "Special Conditions" as full payment for furnishing all labor, materials, tools and equipment, for performing all operations necessary to complete the work under this Contract, and also in full payment for all loss or damages arising from the nature of the Work, or from the action of the elements or from unforeseen difficulties which may be encountered during the prosecution of the work until the final acceptance by the Department.
4. The cost breakdown (or Schedule of Values) referred to herein is defined in "Schedule of Values" of the "Special Conditions." The cost breakdown (Schedule of Values) approved by the Engineer will be used as the basis for making progress payments and for determining the cost of extra work which is the same or similar (as determined by the Engineer) to that defined in the "Schedule of Values."
5. The prices stated in the Quotation includes full compensation for overhead and profit, all costs and expenses for taxes, labor, equipment, furnishing and repairing small tools and ordinary equipment, mobilization, home office expenses and general supervision, materials, commissions, transportation charges and expenses, patent fees and royalties, bond, insurance, labor for handling materials during inspection, together with any and all other costs and expenses for performing and completing the work as shown on the Plans and specified herein. In addition, the Contractor shall include the actual cost of social security taxes, unemployment insurance, worker's compensation, fringe benefits, inclusive of life and health insurance, union dues, pension, pension plans, vacations, and insurance and contractor's public liability and property damage insurance involved in the work based on the actual wages paid to such labor and all other general costs and profits, prorated to each item.
6. Unless otherwise specifically stated elsewhere herein, the Contractor shall include in the prices bid all materials, electrical supply, fuel, lubricants, temporary equipment, temporary wiring, temporary piping and fittings, pumps, gages, and all other items of whatever nature required to completely test, balance, disinfect if required, and put into fully operational condition all equipment and/or systems supplied by either the Department or the Contractor and installed as a part of this Project. Further, any test

materials supplied by the Contractor shall be completely satisfactory to the Department. Any decision as to whether a particular material is suitable for test purposes shall be at the sole discretion of the Engineer whose decision shall be final. Any material considered not suitable shall be immediately replaced by the Contractor with suitable material and no extra compensation will be allowed."

7. It is the intent of the Department to obtain a complete and working installation under this Contract, and any items of labor, equipment or materials which may reasonably be assumed as necessary to accomplish this end shall be supplied whether or not they are specifically shown on the Plans or stated herein.
8. For purposes of determining the monthly payments to be made to the Contractor for work accomplished, the value of the work completed shall be determined in the following manner:
 - a. Excavation, installation of pipe, valves and fittings, water services, fire hydrants, completed backfill, plugging existing mains and temporary paving repairs shall constitute seventy-five percent **(75%)** of the price bid for these Quotation Items.
 - b. Submittal of the PSM's daily progress reports and/or field book notes and monthly as-builts of the work that has been performed to date (all documents subject to approval and acceptance by the Department) shall constitute ten percent **(10%)** of the price bid for these Quotation Items.
 - c. Completion of all interior work in the pipeline including cleaning, hydrostatic testing, and disinfection of water mains, shall constitute five percent **(5%)** of the price bid for these Quotation Items.
 - d. Submittal of the final as-builts to the satisfaction of the Engineer, completion of all surface repairs, restoration of public or private facilities, appurtenances, and all other work not provided for under other Quotation Items shall constitute the remaining ten percent **(10%)** of the price bid for these Quotation Items.

B. Prices Bid:

1. The price bid for each item shall be stated in both words and figures in the appropriate places in the Quotation form. All blank spaces for bid prices must be filled in with ink, or with a typewriter. The Bidder is further directed that any and all alterations, changes, corrections and modifications, made to the Quotation forms prior to submission of bids, must be initialed by the Bidder. Non-compliance by the Bidder of this directive may be grounds for rejection of his bid.
2. In the event that there is a discrepancy between the price written in words and the price written in numbers, the price written in words shall govern except where the number of units multiplied by the unit price shown in numbers equals the total price for that bid item. In such case the unit price shown in numbers shall govern over the unit price shown in words.
3. Where an error is made in the calculation of the total bid price of an item, the unit price shall govern.
4. If the bidder makes an error in his addition of the total bid prices of the applicable items in the Quotation, the correct sum of its applicable bid item totals shall be the Total Bid.

5. It has been determined that the County is not exempt from the payment of Florida State Sales Tax under this Contract. All items of materials, equipment and supplies furnished by the Contractor and remaining a part of the completed Project are subject to this Tax. The Bidder shall include a sufficient amount of money to pay for this Tax in his bid price. Sufficient money to pay the Tax for all miscellaneous materials and minor items shown on the Plans, specified herein, or necessary for the work, and which will remain a part of the completed Project, shall also be included in the price or prices bid, and no other compensation will be provided.

C. Quotation Items:

It is intended that all work required to complete this Project will be included in the various bid items as follows:

Item No. 1

For performing preparatory work and operations in mobilizing for beginning the work of the Project, including preparation and acceptance of Maintenance of Traffic Plan (MOT), but excluding materials and permit costs, both of which are paid under other payment items, shall include, but not be limited to; preparation, submission and acceptance of the MOT, first by the Department and if acceptable to the Department, submission to and acceptance by all other governing authorities; supply, submission and correction of all "Pre-Approved Product Lists" and/or shop drawings; ordering the said equipment and materials in a timely fashion; those operations necessary for the movement of personnel, equipment, supplies and incidentals to the Project site and for the establishment of temporary offices, buildings, safety equipment and first aid supplies, sanitary and other facilities; the cost of reestablishing the design baseline, vertical control points and reference points, and establishing proposed pipeline location; the cost of MOT and permit preparation/submission/acceptance; the costs of bonds, required insurance and other preconstruction expense but excluding the actual cost of permits, which are paid under a separate dedicated allowance account and excluding the cost of materials which are paid under another bid item(s).

Not inclusive of the costs incurred in the provision of traffic control and the costs incurred in the provision of off-duty police officers that are to be paid for under separate Bid Items.

The mobilization item will be paid in the following manner:

Contracts with a contract duration of up to and including one hundred twenty (120) calendar days will be paid in two (2) separate payments, each equal to fifty (50) percent of the amount bid for this item.

Contracts with a contract duration of over one hundred twenty (120) calendar days will be paid in four (4) separate payments, each equal to twenty-five (25) percent of the amount bid for this item.

The two or four payments will be made with the first two or four payment draws and is conditioned upon progress satisfactory to the Engineer being made pursuant to the accepted Project.

The total amount of the partial payments may not exceed ten (10) percent of the original Subtotal of the bid items. Any remaining amount will be paid upon completion of all work on the Contract. Retainage, as specified in the "General Covenants and Conditions" and any Special Provisions will apply to these payments.

Since this item is bid as an aggregate sum, payment will be in accordance with the cost breakdown as approved by the Engineer and measured as required by and satisfactory to the Engineer.

Item Nos. 2, 5, 12, 17

For furnishing and delivering to the Department zinc-coated ductile iron pipe and pipe fittings for water mains of the nominal sizes specified in these bid items will be paid at the unit price bid times the number of linear feet accepted by the Engineer, which payment shall be full compensation for furnishing zinc-coated ductile iron pipe, pipe fittings, solid sleeves and specials; joint materials; joint thrust restraints; tie rods and eyebolts; corporation stops for testing and chlorination; vegetable soap lubricant; pipe bedding; backfill materials; temporary pavement materials; transportation and handling costs delivered ditchside; all shop drawing preparation and correction cost for material furnished under this item; all material and equipment required to clean, disinfect and test the main and fittings; and all other appurtenant and miscellaneous items (not included in another bid item) required for a complete and satisfactory installation.

The quantity for payment shall be the horizontal projection of the center line of the permanently installed and accepted pipe (of the particular bid item), including the length of fittings along the run, measured to the nearest one-tenth of a foot from P.I. to P.I. of bends and to the seat of the bell at the end of any particular line. The laying length of reducers, wyes, tees and crosses will be measured as pipe of the size of the largest diameter, and measured only once, only along run of wyes, tees and crosses so that the length of the outlets, even if of equal size to the run, will not be included in the measured length of lines connected to said outlets.

Item Nos. 6, 13

For furnishing and delivering to the Department zinc-coated ductile iron pipe and pipe fittings for water mains of the nominal sizes specified in these bid items will be paid at the unit price bid times the number of linear feet accepted by the Engineer, which payment shall be full compensation for furnishing zinc-coated ductile iron pipe, pipe fittings, solid sleeves and specials; joint materials; joint thrust restraints; tie rods and eyebolts; corporation stops for testing and chlorination; vegetable soap lubricant; pipe bedding; backfill materials; temporary pavement materials; transportation and handling costs delivered ditchside; all shop drawing preparation and correction cost for material furnished under this item; all material and equipment required to clean, disinfect and test the main and fittings; and all other appurtenant and miscellaneous items (not included in another bid item) required for a complete and satisfactory installation.

The quantity for payment shall be the horizontal projection of the center line of the permanently installed and accepted pipe (of the particular bid item), including the length of fittings along the run, measured to the nearest one-tenth of a foot from

P.I. to P.I. of bends and to the seat of the bell at the end of any particular line. The laying length of reducers, wyes, tees and crosses will be measured as pipe of the size of the largest diameter, and measured only once, only along run of wyes, tees and crosses so that the length of the outlets, even if of equal size to the run, will not be included in the measured length of lines connected to said outlets.

(This item is in reference to pipe interconnections with COH) (Contingent of approval of WASD-COH agreement)

Item No. 3, 7, 14, 18

For furnishing and delivering to the Department ductile iron pipe and pipe fittings for water mains of the nominal size specified in this bid item will be paid at the unit price bid times the number of linear feet accepted by the Engineer, which payment shall be full compensation for furnishing ductile iron pipe, pipe fittings, solid sleeves and specials; joint materials; joint thrust restraints; tie rods and eyebolts; corporation stops for testing and chlorination; vegetable soap lubricant; pipe bedding; backfill materials; temporary pavement materials; transportation and handling costs delivered ditchside; all shop drawing preparation and correction cost for material furnished under this item; all material and equipment required to clean, disinfect and test the main and fittings; and all other appurtenant and miscellaneous items (not included in another bid item) required for a complete and satisfactory installation.

The quantity for payment shall be the horizontal projection of the center line of the permanently installed and accepted pipe (of the particular bid item), including the length of fittings along the run, measured to the nearest one-tenth of a foot from P.I. to P.I. of bends and to the seat of the bell at the end of any particular line. The laying length of reducers, wyes, tees, and crosses will be measured as pipe of the size of the largest diameter, and measured only once, only along run of wyes, tees and crosses so that the length of the outlets, even if of equal size to the run, will not be included in the measured length of lines connected to said outlets.

Item No. 8, 10, 15, 19

For furnishing and delivering to the Department ductile iron pipe and pipe fittings for water mains of the nominal size specified in this bid item will be paid at the unit price bid times the number of linear feet accepted by the Engineer, which payment shall be full compensation for furnishing ductile iron pipe, pipe fittings, solid sleeves and specials; joint materials; joint thrust restraints; tie rods and eyebolts; corporation stops for testing and chlorination; vegetable soap lubricant; pipe bedding; backfill materials; temporary pavement materials; transportation and handling costs delivered ditchside; all shop drawing preparation and correction cost for material furnished under this item; all material and equipment required to clean, disinfect and test the main and fittings; and all other appurtenant and miscellaneous items (not included in another bid item) required for a complete and satisfactory installation.

The quantity for payment shall be the horizontal projection of the center line of the permanently installed and accepted pipe (of the particular bid item), including the length of fittings along the run, measured to the nearest one-tenth of a foot from P.I. to P.I. of bends and to the seat of the bell at the end of any particular line. The laying length of reducers, wyes, tees, and crosses will be measured as pipe of the

size of the largest diameter, and measured only once, only along run of wyes, tees and crosses so that the length of the outlets, even if of equal size to the run, will not be included in the measured length of lines connected to said outlets.

(This item is in reference to pipe interconnections with COH) (Contingent of approval of WASD-COH agreement)

Item No. 4, 9, 12, 16, 20

For installing ductile iron/ zinc coated ductile iron pipe and pipe fittings and PVC C-900 DR 18 pipe and poly-wrapped ductile iron fittings for water mains of the nominal size specified in this bid item will be paid for at the unit price bid times the number of linear feet installed and accepted by the Engineer. The price per foot for installing pipe and pipe fittings shall be full compensation for the completed pipeline, ready for service, and shall include, but not be limited to; exploratory excavation; excavation; sheeting and shoring if necessary; complying with the Florida Statutes "Trench Safety Act"; dewatering the excavation; transporting and unloading the pipe, fittings and all other materials not specified in other bid items from delivery trucks at the job site (trench side) and placing them into position in the trench; installing ductile iron pipe, pipe fittings, solid sleeves and specials; installing joint materials; installing joint thrust restraints; making thrust resistant joints; installing tie rods and eyebolts; cutting and installing nipples; making all connections within the lines themselves; tapping the main for corporation stops for testing and chlorination; cleaning, testing and disinfecting the pipe and fittings; placing and compacting backfill; removal and disposal of excess or unsuitable fill material, where required; maintaining access to residences and businesses along the route of the main; protecting existing utilities along the route of the main; making temporary paving repairs; complying with work hour restrictions; satisfying all requirements of the Project permits; preparation and submittal of PSM's daily progress reports and/or field notes and monthly as-builts of the work that has been performed to date; moving and replacing utilities, fences, trees, landscaping, shrubs, mail boxes, sprinkler systems, shoulders, asphalt paths, curb & gutter, asphalt and plain concrete driveways, traffic separators and all other similar items, to original locations and to equal or better than original conditions; and all other appurtenant and miscellaneous items and work (not included in another bid item) including final cleanup for a complete, satisfactory and functional installation.

The quantity for payment shall be the horizontal projection of the center line of the permanently installed and accepted pipe (of the particular bid item), including the length of fittings along the run, measured to the nearest one-tenth of a foot from P.I. to P.I. of bends and to the seat of the bell at the end of any particular line. The laying length of reducers, wyes, tees and crosses will be measured as pipe of the size of the largest diameter, and measured only once, only along run of wyes, tees and crosses so that the length of the outlets, even if of equal size to the run, will not be included in the measured length of lines connected to said outlets.

Complete monthly redline as-builts shall be condition for approval of monthly progress payment requests.

Item No. 11

For furnishing and delivering to the Department PVC C-900 DR 18 pipe and poly-wrapped ductile iron fittings for water mains of the nominal sizes specified in this bid item will be paid at the unit price bid times the number of linear feet accepted

by the Engineer, which payment shall be full compensation for furnishing PVC C-900 DR 18 pipe, pipe fittings, solid sleeves and specials; joint materials; joint thrust restraints; tie rods and eyebolts; corporation stops for testing and chlorination; vegetable soap lubricant; pipe bedding; backfill materials; temporary pavement materials; transportation and handling costs delivered ditchside; all shop drawing preparation and correction cost for material furnished under this item; all material and equipment required to clean, disinfect and test the main and fittings; and all other appurtenant and miscellaneous items (not included in another bid item) required for a complete and satisfactory installation.

The quantity for payment shall be the horizontal projection of the center line of the permanently installed and accepted pipe (of the particular bid item), including the length of fittings along the run, measured to the nearest one-tenth of a foot from P.I. to P.I. of bends and to the seat of the bell at the end of any particular line. The laying length of reducers, wyes, tees and crosses will be measured as pipe of the size of the largest diameter, and measured only once, only along run of wyes, tees and crosses so that the length of the outlets, even if of equal size to the run, will not be included in the measured length of lines connected to said outlets.

This pipe section represents a temporary solution to bypass the flow from COH system to WASD.

Once additional Water Mains are installed as part of Water/ Sewer-Phase II project, this pipe section will be abandoned in place.

Item No. 21

For furnishing and installing steel casings for water mains for MDT's crossings of the nominal size specified in this bid item; will be paid for at the unit price bid times the number of linear feet installed and accepted by the Engineer. The price per foot for installing steel casing shall be full compensation for furnishing casing; transportation and handling costs delivered ditchside; all shop drawing preparation and correction cost for material furnished under this item; completed installation, ready for service, and shall include, but not be limited to; exploratory excavation; excavation; sheeting and shoring if necessary; complying with the Florida Statutes "Trench Safety Act"; dewatering the excavation; transporting and unloading the casing and all other materials not specified in other bid items from delivery trucks at the job site (trench side) and placing them into position in the trench; complying with work hour restrictions; satisfying all requirements of the Project permits; preparation and submittal of PSM's daily progress reports and/or field notes and monthly as-builts of the work that has been performed to date; moving and replacing utilities, fences, trees, landscaping, shrubs, mail boxes, sprinkler systems, shoulders, asphalt paths, curb & gutter, asphalt and plain concrete driveways, traffic separators and all other similar items, to original locations and to equal or better than original conditions; and all other appurtenant and miscellaneous items and work (not included in another bid item) including final cleanup for a complete, satisfactory and functional installation.

Item No. 22

For furnishing materials, labor, and equipment to perform microtunnel underneath the FDOT-SFRTA easement will be paid from the unit price established by the Contractor for this purpose which represents the amount

the Contractor feels is necessary for the complete installation, under the supervision of Department forces, and satisfactory work accepted by the Engineer, and shall include, but not be limited to; preparation of a quality control manual for the shaft construction and microtunneling operation; preparation of a detailed schedule of work for the shaft construction and microtunneling operation; exploratory excavation to verify existing utilities; excavation; constructing the jacking and receiving shafts; dewatering the excavation; sheeting and shoring when required for complying with the Trench Safety Act; providing safe watertight shafts to the satisfaction of the Department, the Engineer, and FDOT-SFRTA; preparation of the staging areas; furnishing approximately 68 LF of 30-inch steel casing pipe and spacers; executing the microtunneling operations; furnishing all materials and equipment required to clean and test the installations; cleaning and testing the installations; placing and compacting backfill; furnishing grout to fill annular spaces between casing pipes and carrier pipes; furnishing additional suitable backfill material, if required; temporary and permanent paving repairs around the excavation outside the shaft perimeters, if required; transportation and handling costs; coordination with Department forces; and all other appurtenant and miscellaneous items and work (not included in another bid item) for a complete, satisfactory, and functional installation.

Item No. 23

For furnishing materials, labor, and equipment to perform microtunnel underneath the FEC easement will be paid from the unit price established by the Contractor for this purpose which represents the amount the Contractor feels is necessary for the complete installation, under the supervision of Department forces, and satisfactory work accepted by the Engineer, and shall include, but not be limited to; preparation of a quality control manual for the shaft construction and microtunneling operation; preparation of a detailed schedule of work for the shaft construction and microtunneling operation; exploratory excavation to verify existing utilities; excavation; constructing the jacking and receiving shafts; dewatering the excavation; sheeting and shoring when required for complying with the Trench Safety Act; providing safe watertight shafts to the satisfaction of the Department, the Engineer, and FEC; preparation of the staging areas; furnishing approximately 300 LF of 30-inch steel casing pipe and spacers; executing the microtunneling operations; furnishing all materials and equipment required to clean and test the installations; cleaning and testing the installations; placing and compacting backfill; furnishing grout to fill annular spaces between casing pipes and carrier pipes; furnishing additional suitable backfill material, if required; temporary and permanent paving repairs around the excavation outside the shaft perimeters, if required; transportation and handling costs; coordination with Department forces; and all other appurtenant and miscellaneous items and work (not included in another bid item) for a complete, satisfactory, and functional installation.

Item No. 24

For furnishing materials, labor, and equipment to perform microtunnel underneath the FDOT-SFRTA easement will be paid from the unit price established by the Contractor for this purpose which represents the amount the Contractor feels is necessary for the complete installation, under the

supervision of Department forces, and satisfactory work accepted by the Engineer, and shall include, but not be limited to; preparation of a quality control manual for the shaft construction and microtunneling operation; preparation of a detailed schedule of work for the shaft construction and microtunneling operation; exploratory excavation to verify existing utilities; excavation; constructing the jacking and receiving shafts; dewatering the excavation; sheeting and shoring when required for complying with the Trench Safety Act; providing safe watertight shafts to the satisfaction of the Department, the Engineer, and FDOT-SFRTA; preparation of the staging areas; furnishing approximately 149 LF of 30-inch steel casing pipe and spacers; executing the microtunneling operations; furnishing all materials and equipment required to clean and test the installations; cleaning and testing the installations; placing and compacting backfill; furnishing grout to fill annular spaces between casing pipes and carrier pipes; furnishing additional suitable backfill material, if required; temporary and permanent paving repairs around the excavation outside the shaft perimeters, if required; transportation and handling costs; coordination with Department forces; and all other appurtenant and miscellaneous items and work (not included in another bid item) for a complete, satisfactory, and functional installation.

Item No. 25

For making a tapping connection to an existing (12") water main at:

NW 36 St. and NW 37 Ave. (STA 20+51±)

including furnishing and installing a tapping sleeve (stainless steel) and tapping valve, as shown on the Plans, complete, will be paid from the aggregate sum established by the Contractor for this purpose which represents the amount the Contractor feels is necessary for the complete installation and satisfactory work accepted by the Engineer, ready for service, and shall include, but not be limited to, exploratory excavation to verify the main size and material prior to ordering the tapping sleeve; excavation; sheeting and shoring if necessary; complying with the Florida Statutes "Trench Safety Act"; dewatering the excavation; furnishing and installing tapping sleeve, tapping valve, piping, fittings, joint materials, restraintment, riser pipes, valve box and covers with concrete collars, and other necessary materials; pressure testing the tapping sleeve; pressure testing the tapping valve in both directions before installation; placing concrete valve support pad; unloading tapping machine from Department's vehicle, positioning it in trench to be bolted to the valve and loading tapping machine onto Department's vehicle after tapping operation is completed by Department forces; assisting Department's forces in performing the tapping operation; furnishing all materials and equipment required to clean, test and disinfect the connection; cleaning, testing and disinfecting the connection; making thrust resistant joints; placing and compacting backfill; temporary and permanent paving repairs outside the main trench line, if necessary; transportation and handling costs; coordinating with Department forces; and all other appurtenant and miscellaneous items and work (not included in another bid item) for a complete, satisfactory, and functional installation.

Since this item is bid as an aggregate sum, payment will be in accordance with the cost breakdown as approved by the Engineer and measured as required by and satisfactory to the Engineer.

Item No. 26

For making tapping connection(s) to existing (12") water main(s) at:

North of NW 41 St. and NW 37 Ave. (STA 37+02±)

NW 46 St. and NW 37 Ave. (STA 46+88±)

including furnishing and installing tapping sleeve(s) (stainless steel) and tapping valve(s), and cutting and capping existing mains, as shown on the Plans, complete, will be paid for at the unit price bid times the number of connections installed and accepted. The price bid shall be full compensation for each complete installation, ready for service, and shall include, but not be limited to, exploratory excavation to verify the main size and material prior to ordering the tapping sleeve; excavation; sheeting and shoring if necessary; complying with the Florida Statutes "Trench Safety Act"; dewatering the excavation; furnishing and installing tapping sleeve, tapping valve, piping, fittings, joint materials, restraintment, riser pipes, valve box and covers with concrete collars, and other necessary materials; pressure testing the tapping sleeve; pressure testing the tapping valve in both directions before installation; placing concrete valve support pad; unloading tapping machine from Department's vehicle, positioning it in trench to be bolted to the valve and loading tapping machine onto Department's vehicle after tapping operation is completed by Department forces; assisting Department's forces in performing the tapping operation; furnishing all materials and equipment required to clean, test and disinfect the connection; cleaning, testing and disinfecting the connection; making thrust resistant joints; furnishing and installing plugs and caps on the existing main and placing it out of service; placing and compacting backfill; temporary and permanent paving repairs outside the main trench line, if necessary; legal disposal of removed pipe and debris; transportation and handling costs; coordinating with Department forces; and all other appurtenant and miscellaneous items and work (not included in another bid item) for a complete, satisfactory, and functional installation. **(This item refers to pipe interconnections with COH) (Contingent of approval of WASD-COH agreement)**

Note: This Bid Item will only pay for plugs on existing water mains that will be permanently left in place at the referenced location. Plugs and caps on proposed mains will not be paid for as part of this Bid Item. Plugs and caps on the end of the proposed mains shall be paid for as part of the Bid Item for the pipeline installation.

Item No. 27

For making tapping connection(s) to existing (8") water main(s) at:

South of NW 46 St. and NW 37 Ave. (STA 43+69±)

including furnishing and installing tapping sleeve(s) (stainless steel) and tapping valve(s), and cutting and capping existing mains, as shown on the Plans, complete, will be paid for at the unit price bid times the number of connections installed and accepted. The price bid shall be full compensation for each complete installation, ready for service, and shall include, but not be limited to, exploratory excavation to verify the main size and material prior to ordering the tapping sleeve; excavation; sheeting and shoring if necessary; complying with the Florida Statutes "Trench Safety Act"; dewatering the excavation; furnishing and installing tapping sleeve, tapping valve, piping, fittings, joint materials, restraintment, riser pipes, valve box and covers with concrete collars, and other necessary materials; pressure testing the tapping sleeve; pressure testing the tapping valve in both directions before

installation; placing concrete valve support pad; unloading tapping machine from Department's vehicle, positioning it in trench to be bolted to the valve and loading tapping machine onto Department's vehicle after tapping operation is completed by Department forces; assisting Department's forces in performing the tapping operation; furnishing all materials and equipment required to clean, test and disinfect the connection; cleaning, testing and disinfecting the connection; making thrust resistant joints; furnishing and installing plugs and caps on the existing main and placing it out of service; placing and compacting backfill; temporary and permanent paving repairs outside the main trench line, if necessary; legal disposal of removed pipe and debris; transportation and handling costs; coordinating with Department forces; and all other appurtenant and miscellaneous items and work (not included in another bid item) for a complete, satisfactory, and functional installation. **(This item refers to pipe interconnections with COH) (Contingent of approval of WASD-COH agreement)**

Note: This Bid Item will only pay for plugs on existing water mains that will be permanently left in place at the referenced location. Plugs and caps on proposed mains will not be paid for as part of this Bid Item. Plugs and caps on the end of the proposed mains shall be paid for as part of the Bid Item for the pipeline installation.

Item No. 28

For making a tapping connection to an existing (6") water main at:

South of NW 67 St. and NW 37 Ave. (STA 112+76±)

including furnishing and installing a tapping sleeve (stainless steel) and tapping valve, and cutting and capping existing mains, as shown on the Plans, complete, will be paid from the aggregate sum established by the Contractor for this purpose which represents the amount the Contractor feels is necessary for the complete installation and satisfactory work accepted by the Engineer, ready for service, and shall include, but not be limited to, exploratory excavation to verify the main size and material prior to ordering the tapping sleeve; excavation; sheeting and shoring if necessary; complying with the Florida Statutes "Trench Safety Act"; dewatering the excavation; furnishing and installing tapping sleeve, tapping valve, piping, fittings, joint materials, restraintment, riser pipes, valve box and covers with concrete collars, and other necessary materials; pressure testing the tapping sleeve; pressure testing the tapping valve in both directions before installation; placing concrete valve support pad; unloading tapping machine from Department's vehicle, positioning it in trench to be bolted to the valve and loading tapping machine onto Department's vehicle after tapping operation is completed by Department forces; assisting Department's forces in performing the tapping operation; furnishing all materials and equipment required to clean, test and disinfect the connection; cleaning, testing and disinfecting the connection; making thrust resistant joints; furnishing and installing plugs and caps on the existing main and placing it out of service; placing and compacting backfill; temporary and permanent paving repairs outside the main trench line, if necessary; legal disposal of removed pipe and debris; transportation and handling costs; coordinating with Department forces; and all other appurtenant and miscellaneous items and work (not included in another bid item) for a complete, satisfactory, and functional installation. **(This item refers to pipe interconnections with COH) (Contingent of approval of WASD-COH agreement)**

Since this item is bid as an aggregate sum, payment will be in accordance with the cost breakdown as approved by the Engineer and measured as required by and satisfactory to the Engineer.

Note: This Bid Item will only pay for plugs on existing water mains that will be permanently left in place at the referenced location. Plugs and caps on proposed mains will not be paid for as part of this Bid Item. Plugs and caps on the end of the proposed mains shall be paid for as part of the Bid Item for the pipeline installation.

Item No. 29

For making a tapping connection to an existing 60-inch concrete water main at:

NW 67 St. and NW 37 Ave. (STA 114+29±)

including furnishing and installing 60"x16" tapping saddle and 16" tapping valve, as shown on the Plans, complete, will be paid from the aggregate sum established by the Contractor for this purpose which represents the amount the Contractor feels is necessary for the complete installation and satisfactory work accepted by the Engineer, ready for service, and shall include, but not be limited to, exploratory excavation to verify the main size and material prior to ordering the tapping saddle; excavation; sheeting and shoring if necessary; complying with the Florida Statutes "Trench Safety Act"; dewatering the excavation; furnishing and installing tapping saddle, tapping valve, piping, fittings, joint materials, restraintment, riser pipes, valve box and covers with concrete collars, and other necessary materials; obtaining the services of a tapping specialist to tap the existing water main; preparation of the existing main for installation of the saddle; pressure testing the tapping saddle; pressure testing the tapping valve in both directions before installation; placing concrete valve support pad; tapping the existing main; encasing the installed tapping saddle in concrete; furnishing all materials and equipment required to clean, test and disinfect the connection; cleaning, testing and disinfecting the connection; making thrust resistant joints; placing and compacting backfill; temporary and permanent paving repairs outside the main trench line, if necessary; transportation and handling costs; coordinating with Department forces; and all other appurtenant and miscellaneous items and work (not included in another bid item) for a complete, satisfactory, and functional installation.

Since this item is bid as an aggregate sum, payment will be in accordance with the cost breakdown as approved by the Engineer and measured as required by and satisfactory to the Engineer.

Item No. 30

For making cut-in connection to existing (12") water main at:

NW 36 St. and NW 37 Ave. (STA 20+69±)

as shown on the Plans, complete, will be paid for at the unit price bid times the number of connections installed and accepted by the Engineer. The price bid shall be full compensation for each complete installation, ready for service, and shall include, but not be limited to, exploratory excavation to verify the main size and material; excavation; sheeting and shoring if necessary; complying with the Florida Statutes "Trench Safety Act"; dewatering the excavation; cutting the existing main, removing section of existing pipe and connecting the proposed water main to the existing main; furnishing and installing any required pipe, valves and fittings, valve

box and lids with concrete collars, riser pipe, restraintment, and other necessary materials; installing solid sleeves; making thrust restrained joints; installing plugs and caps on the existing main and placing it out of service, if required; legal disposal of removed pipe and debris; furnishing all materials and equipment required to clean, test and disinfect the connection; cleaning, disinfecting and testing the connection; placing and compacting backfill; furnishing additional suitable backfill material, if required; temporary and permanent paving repairs around the connection outside the trench line, if required; transportation and handling costs; coordination with Department forces; and all other appurtenant and miscellaneous items and work (not included in another bid item) for a complete, satisfactory, and functional installation.

Note: This Bid Item will only pay for plugs on existing water mains that will be permanently left in place at the referenced location. Plugs and caps on proposed mains will not be paid for as part of this Bid Item. Plugs and caps on the end of the proposed mains shall be paid for as part of the Bid Item for the pipeline installation.

Item No. 31

For making cut-in connection to existing (12") water main at:
NW 36 St. and NW 37 Ave. (STA 146+42±)

as shown on the Plans, complete, will be paid for at the unit price bid times the number of connections installed and accepted by the Engineer. The price bid shall be full compensation for each complete installation, ready for service, and shall include, but not be limited to, exploratory excavation to verify the main size and material; excavation; sheeting and shoring if necessary; complying with the Florida Statutes "Trench Safety Act"; dewatering the excavation; cutting the existing main, removing section of existing pipe and connecting the proposed water main to the existing main; furnishing and installing any required pipe, valves and fittings, valve box and lids with concrete collars, riser pipe, restraintment, and other necessary materials; installing solid sleeves; making thrust restrained joints; installing plugs and caps on the existing main and placing it out of service, if required; legal disposal of removed pipe and debris; furnishing all materials and equipment required to clean, test and disinfect the connection; cleaning, disinfecting and testing the connection; placing and compacting backfill; furnishing additional suitable backfill material, if required; temporary and permanent paving repairs around the connection outside the trench line, if required; transportation and handling costs; coordination with Department forces; and all other appurtenant and miscellaneous items and work (not included in another bid item) for a complete, satisfactory, and functional installation. **(This item refers to pipe interconnections with COH) (Contingent of approval of WASD-COH agreement)**

Note: This Bid Item will only pay for plugs on existing water mains that will be permanently left in place at the referenced location. Plugs and caps on proposed mains will not be paid for as part of this Bid Item. Plugs and caps on the end of the proposed mains shall be paid for as part of the Bid Item for the pipeline installation.

Item No. 32

For making cut-in connection(s) to existing (10") water main(s) at:

NW 60 St. and NW 37 Ave. (STA 94+45±)

NW 62 St. and NW 37 Ave. (STA 101+16±)

NW 71 St. and NW 37 Ave. (STA 127+90±)

as shown on the Plans, complete, will be paid for at the unit price bid times the number of connections installed and accepted by the Engineer. The price bid shall be full compensation for each complete installation, ready for service, and shall include, but not be limited to, exploratory excavation to verify the main size and material; excavation; sheeting and shoring if necessary; complying with the Florida Statutes "Trench Safety Act"; dewatering the excavation; cutting the existing main, removing section of existing pipe and connecting the proposed water main to the existing main; furnishing and installing any required pipe, valves and fittings, valve box and lids with concrete collars, riser pipe, restraintment, and other necessary materials; installing solid sleeves; making thrust restrained joints; installing plugs and caps on the existing main and placing it out of service, if required; legal disposal of removed pipe and debris; furnishing all materials and equipment required to clean, test and disinfect the connection; cleaning, disinfecting and testing the connection; placing and compacting backfill; furnishing additional suitable backfill material, if required; temporary and permanent paving repairs around the connection outside the trench line, if required; transportation and handling costs; coordination with Department forces; and all other appurtenant and miscellaneous items and work (not included in another bid item) for a complete, satisfactory, and functional installation. **(This item refers to pipe interconnections with COH) (Contingent of approval of WASD-COH agreement)**

Note: This Bid Item will only pay for plugs on existing water mains that will be permanently left in place at the referenced location. Plugs and caps on proposed mains will not be paid for as part of this Bid Item. Plugs and caps on the end of the proposed mains shall be paid for as part of the Bid Item for the pipeline installation.

Item No. 33

For making cut-in connection(s) to existing (10") water main(s) at:

NW 67 St. and NW 37 Ave. (2) (STA 114+51±) (STA 114+53±)

as shown on the Plans, complete, will be paid for at the unit price bid times the number of connections installed and accepted by the Engineer. The price bid shall be full compensation for each complete installation, ready for service, and shall include, but not be limited to, exploratory excavation to verify the main size and material; excavation; sheeting and shoring if necessary; complying with the Florida Statutes "Trench Safety Act"; dewatering the excavation; cutting the existing main, removing section of existing pipe and connecting the proposed water main to the existing main; furnishing and installing any required pipe, valves and fittings, valve box and lids with concrete collars, riser pipe, restraintment, and other necessary materials; installing solid sleeves; making thrust restrained joints; installing plugs and caps on the existing main and placing it out of service, if required; legal disposal of removed pipe and debris; furnishing all materials and equipment required to clean, test and disinfect the connection; cleaning, disinfecting and testing the connection; placing and compacting backfill; furnishing additional suitable backfill material, if required; temporary and permanent paving repairs

around the connection outside the trench line, if required; transportation and handling costs; coordination with Department forces; and all other appurtenant and miscellaneous items and work (not included in another bid item) for a complete, satisfactory, and functional installation.

Note: This Bid Item will only pay for plugs on existing water mains that will be permanently left in place at the referenced location. Plugs and caps on proposed mains will not be paid for as part of this Bid Item. Plugs and caps on the end of the proposed mains shall be paid for as part of the Bid Item for the pipeline installation.

Item No. 34

For making cut-in connection(s) to existing (8") water main(s) at:

NW 41 St. and NW 37 Ave. (STA 33+86±)

NW 47 St. and NW 37 Ave. (STA 49+84±)

South of NW 73 St. and NW 37 Ave. (STA 136+42±)

NW 74 St. and NW 37 Ave. (STA 138+94±)

NW 79 St. and NW 37 Ave. (STA 154+12±)

as shown on the Plans, complete, will be paid for at the unit price bid times the number of connections installed and accepted by the Engineer. The price bid shall be full compensation for each complete installation, ready for service, and shall include, but not be limited to, exploratory excavation to verify the main size and material; excavation; sheeting and shoring if necessary; complying with the Florida Statutes "Trench Safety Act"; dewatering the excavation; cutting the existing main, removing section of existing pipe and connecting the proposed water main to the existing main; furnishing and installing any required pipe, valves and fittings, valve box and lids with concrete collars, riser pipe, restraintment, and other necessary materials; installing solid sleeves; making thrust restrained joints; installing plugs and caps on the existing main and placing it out of service, if required; legal disposal of removed pipe and debris; furnishing all materials and equipment required to clean, test and disinfect the connection; cleaning, disinfecting and testing the connection; placing and compacting backfill; furnishing additional suitable backfill material, if required; temporary and permanent paving repairs around the connection outside the trench line, if required; transportation and handling costs; coordination with Department forces; and all other appurtenant and miscellaneous items and work (not included in another bid item) for a complete, satisfactory, and functional installation. **(This item refers to pipe interconnections with COH) (Contingent of approval of WASD-COH agreement)**

Note: This Bid Item will only pay for plugs on existing water mains that will be permanently left in place at the referenced location. Plugs and caps on proposed mains will not be paid for as part of this Bid Item. Plugs and caps on the end of the proposed mains shall be paid for as part of the Bid Item for the pipeline installation.

Item No. 35

For making cut-in connection(s) to existing (8") water main(s) at:

NW 67 St. and NW 37 Ave. (STA 114+39±)

NW 82 St. and NW 37 Ave. (STA 164+61±)

as shown on the Plans, complete, will be paid for at the unit price bid times the number of connections installed and accepted by the Engineer. The price bid shall be full compensation for each complete installation, ready for service, and shall include, but not be limited to, exploratory excavation to verify the main size and material; excavation; sheeting and shoring if necessary; complying with the Florida Statutes "Trench Safety Act"; dewatering the excavation; cutting the existing main, removing section of existing pipe and connecting the proposed water main to the existing main; furnishing and installing any required pipe, valves and fittings, valve box and lids with concrete collars, riser pipe, restraintment, and other necessary materials; installing solid sleeves; making thrust restrained joints; installing plugs and caps on the existing main and placing it out of service, if required; legal disposal of removed pipe and debris; furnishing all materials and equipment required to clean, test and disinfect the connection; cleaning, disinfecting and testing the connection; placing and compacting backfill; furnishing additional suitable backfill material, if required; temporary and permanent paving repairs around the connection outside the trench line, if required; transportation and handling costs; coordination with Department forces; and all other appurtenant and miscellaneous items and work (not included in another bid item) for a complete, satisfactory, and functional installation. **(This item refers to pipe interconnections with COH) (Contingent of approval of WASD-COH agreement)**

Note: This Bid Item will only pay for plugs on existing water mains that will be permanently left in place at the referenced location. Plugs and caps on proposed mains will not be paid for as part of this Bid Item. Plugs and caps on the end of the proposed mains shall be paid for as part of the Bid Item for the pipeline installation.

Item No. 36

For making cut-in connection(s) to existing (6") water main(s) at:

NW 37 Ct. and NW 37 Ave. (STA 122+63±)

South of NW 73 St. and NW 37 Ave. (STA 137+12±)

NW 81 St. and NW 37 Ave. (STA 161+42±)

as shown on the Plans, complete, will be paid for at the unit price bid times the number of connections installed and accepted by the Engineer. The price bid shall be full compensation for each complete installation, ready for service, and shall include, but not be limited to, exploratory excavation to verify the main size and material; excavation; sheeting and shoring if necessary; complying with the Florida Statutes "Trench Safety Act"; dewatering the excavation; cutting the existing main, removing section of existing pipe and connecting the proposed water main to the existing main; furnishing and installing any required pipe, valves and fittings, valve box and lids with concrete collars, riser pipe, restraintment, and other necessary materials; installing solid sleeves; making thrust restrained joints; installing plugs and caps on the existing main and placing it out of service, if required; legal disposal of removed pipe and debris; furnishing all materials and equipment required to clean, test and disinfect the connection; cleaning, disinfecting and testing the connection; placing and compacting backfill; furnishing additional

suitable backfill material, if required; temporary and permanent paving repairs around the connection outside the trench line, if required; transportation and handling costs; coordination with Department forces; and all other appurtenant and miscellaneous items and work (not included in another bid item) for a complete, satisfactory, and functional installation. **(This item refers to pipe interconnections with COH) (Contingent of approval of WASD-COH agreement)**

Note: This Bid Item will only pay for plugs on existing water mains that will be permanently left in place at the referenced location. Plugs and caps on proposed mains will not be paid for as part of this Bid Item. Plugs and caps on the end of the proposed mains shall be paid for as part of the Bid Item for the pipeline installation.

Item No. 37

For making cut-in connection to existing (2") Water Main at:
NW 48 ST and NW 37 Ave. (STA 52+78.58)

as shown on the Plans, complete, will be paid for at the unit price bid times the number of connections installed and accepted by the Engineer. The price bid shall be full compensation for each complete installation in accordance with Department Standard Detail WS 4.13; , ready for service, and shall include, but not be limited to, excavation; complying with the Florida Statutes "Trench Safety Act"; dewatering the excavation; furnishing and installing corporation stops; furnishing and installing HDPE pipe or tubing, couplings, unions, service terminal fittings, valves and other miscellaneous fittings; placing and compacting backfill; temporary paving repairs or driving casing pipe under the pavement; saw-cutting,; furnishing all materials and equipment necessary to clean, test and disinfect the main, install plugs and place out of service existing water mains at locations indicated on the plans; together with all other required items and work to provide a complete, satisfactory, and functional installations. **(This item refers to pipe interconnections with COH) (Contingent of approval of WASD-COH agreement)**

Item No. 38

For furnishing and delivering to the Department 16-inch mechanical joint resilient-seated gate valves for water main, valve box & lid and riser pipe, complete, will be paid at the unit price bid times the number of valves accepted by the Engineer. The price bid shall be full compensation for furnishing all materials and supplies required for each complete and satisfactory installation, ready for service and shall include, but not be limited to; furnishing 16-inch mechanical joint resilient-seated gate valves; furnishing valve box & lid and riser pipe; furnishing joint materials; transportation and handling costs; and all other appurtenant and miscellaneous items and work required for a complete installation.

Item No. 39

For installing 16-inch mechanical joint resilient-seated gate valves for water main, valve boxes & lids and riser pipe, complete, will be paid at the unit price bid price times the number of valves installed by the Contractor and accepted by the Engineer. The price bid shall be full compensation for furnishing all materials and supplies required for each complete and satisfactory installation, ready for service and shall include, but not be limited to; complying with the Florida Statutes "Trench Safety Act"; exploratory excavation; excavation; dewatering the excavation;

transporting and unloading the valve at the installation location; installing gate valves complete with valve box & lids and riser pipe; placing and compacting backfill; furnishing additional suitable backfill material, if required; installing joint materials as required; cleaning, testing and disinfecting; and all other appurtenant and miscellaneous items (not included in another bid item) required for a complete, functional and acceptable installation.

Item No. 40

For furnishing and delivering to the Department 12-inch mechanical joint resilient-seated gate valves for water main, valve box & lid and riser pipe, complete, will be paid at the unit price bid times the number of valves accepted by the Engineer. The price bid shall be full compensation for furnishing all materials and supplies required for each complete and satisfactory installation, ready for service and shall include, but not be limited to; furnishing 12-inch mechanical joint resilient-seated gate valves; furnishing valve box & lid and riser pipe; furnishing joint materials; transportation and handling costs; and all other appurtenant and miscellaneous items and work required for a complete installation.

Item No. 41

For installing 12-inch mechanical joint resilient-seated gate valves for water main, valve boxes & lids and riser pipe, complete, will be paid at the unit price bid price times the number of valves installed by the Contractor and accepted by the Engineer. The price bid shall be full compensation for furnishing all materials and supplies required for each complete and satisfactory installation, ready for service and shall include, but not be limited to; complying with the Florida Statutes "Trench Safety Act"; exploratory excavation; excavation; dewatering the excavation; transporting and unloading the valve at the installation location; installing gate valves complete with valve box & lids and riser pipe; placing and compacting backfill; furnishing additional suitable backfill material, if required; installing joint materials as required; cleaning, testing and disinfecting; and all other appurtenant and miscellaneous items (not included in another bid item) required for a complete, functional and acceptable installation.

Item No. 42

For furnishing and delivering to the Department 10-inch mechanical joint resilient-seated gate valves for water main, valve box & lid and riser pipe, complete, will be paid at the unit price bid times the number of valves accepted by the Engineer. The price bid shall be full compensation for furnishing all materials and supplies required for each complete and satisfactory installation, ready for service and shall include, but not be limited to; furnishing 10-inch mechanical joint resilient-seated gate valves; furnishing valve box & lid and riser pipe; furnishing joint materials; transportation and handling costs; and all other appurtenant and miscellaneous items and work required for a complete installation.

Item No. 43

For installing 10-inch mechanical joint resilient-seated gate valves for water main, valve boxes & lids and riser pipe, complete, will be paid at the unit price bid price times the number of valves installed by the Contractor and accepted by the Engineer. The price bid shall be full compensation for furnishing all materials and supplies required for each complete and satisfactory installation, ready for service and shall include, but not be limited to; complying with the Florida Statutes "Trench

Safety Act"; exploratory excavation; excavation; dewatering the excavation; transporting and unloading the valve at the installation location; installing gate valves complete with valve box & lids and riser pipe; placing and compacting backfill; furnishing additional suitable backfill material, if required; installing joint materials as required; cleaning, testing and disinfecting; and all other appurtenant and miscellaneous items (not included in another bid item) required for a complete, functional and acceptable installation.

Item No. 44

For furnishing and delivering to the Department 8-inch mechanical joint resilient-seated gate valves for water main, valve box & lid and riser pipe, complete, will be paid at the unit price bid times the number of valves accepted by the Engineer. The price bid shall be full compensation for furnishing all materials and supplies required for each complete and satisfactory installation, ready for service and shall include, but not be limited to; furnishing 12-inch mechanical joint resilient-seated gate valves; furnishing valve box & lid and riser pipe; furnishing joint materials; transportation and handling costs; and all other appurtenant and miscellaneous items and work required for a complete installation.

Item No. 45

For installing 8-inch mechanical joint resilient-seated gate valves for water main, valve boxes & lids and riser pipe, complete, will be paid at the unit price bid price times the number of valves installed by the Contractor and accepted by the Engineer. The price bid shall be full compensation for furnishing all materials and supplies required for each complete and satisfactory installation, ready for service and shall include, but not be limited to; complying with the Florida Statutes "Trench Safety Act"; exploratory excavation; excavation; dewatering the excavation; transporting and unloading the valve at the installation location; installing gate valves complete with valve box & lids and riser pipe; placing and compacting backfill; furnishing additional suitable backfill material, if required; installing joint materials as required; cleaning, testing and disinfecting; and all other appurtenant and miscellaneous items (not included in another bid item) required for a complete, functional and acceptable installation.

Item No. 46

For furnishing and delivering to the Department 6-inch mechanical joint resilient-seated gate valves for water main, valve box & lid and riser pipe, complete, will be paid at the unit price bid times the number of valves accepted by the Engineer. The price bid shall be full compensation for furnishing all materials and supplies required for each complete and satisfactory installation, ready for service and shall include, but not be limited to; furnishing 6-inch mechanical joint resilient-seated gate valves; furnishing valve box & lid and riser pipe; furnishing joint materials; transportation and handling costs; and all other appurtenant and miscellaneous items and work required for a complete installation.

Item No. 47

For installing 6-inch mechanical joint resilient-seated gate valves for water main, valve boxes & lids and riser pipe, complete, will be paid at the unit price bid price times the number of valves installed by the Contractor and accepted by the Engineer. The price bid shall be full compensation for furnishing all materials and supplies required for each complete and satisfactory installation, ready for service

and shall include, but not be limited to; complying with the Florida Statutes "Trench Safety Act"; exploratory excavation; excavation; dewatering the excavation; transporting and unloading the valve at the installation location; installing gate valves complete with valve box & lids and riser pipe; placing and compacting backfill; furnishing additional suitable backfill material, if required; installing joint materials as required; cleaning, testing and disinfecting; and all other appurtenant and miscellaneous items (not included in another bid item) required for a complete, functional and acceptable installation.

Item No. 48

For furnishing and installing 1-inch single services (both short and long), **including only water service and water meter box**, will be paid for at the unit price bid for each type of service times the number of that type of service installed. The price bid per service shall be full compensation for its complete construction, and shall include, but not be limited to, furnishing and installing all materials in accordance with Department Standard Details WS 2.10 and WS 2.16 as applicable to each type of service; excavation; complying with the Florida Statutes "Trench Safety Act"; dewatering the excavation; furnishing and installing corporation stops; furnishing and installing HDPE pipe or tubing, couplings, unions, service terminal fittings, valves and other miscellaneous fittings; furnishing and installing meter boxes with lids for services; furnishing and installing perforated spacers and tail pieces; transporting and unloading pipe, tubing, meter boxes, lids, fittings, valves, and all other materials not specified in other bid items from delivery trucks at the job site and placing them into position; tapping the main; placing and compacting backfill; temporary paving repairs or driving casing pipe under the pavement; saw-cutting, demolition and legal disposal of two flags of sidewalk together with the meter box where there is an existing meter box and service or one flag of sidewalk if no service exists; constructing a three-foot square reinforced concrete meter box support slab where no sidewalk exists; furnishing all materials and equipment necessary to clean, test and disinfect the service connections; testing and disinfecting the service connections; if required complying with work hour restrictions; moving and replacing utilities, trees, shrubs, fences, walls, mail boxes, sprinkler systems, shoulders, asphalt paths, curb, gutter, driveways and all other similar, appurtenant and miscellaneous items and work (not included in another bid item) disturbed by construction, or as directed by the Engineer, to original or immediately adjacent locations and to equal or better than original conditions, together with all other required items and work to provide a complete, satisfactory, and functional installations.

Sidewalk restoration repairs for the installation of water services are to be paid for under a separate Quotation Item.

The Contractor shall provide a Schedule of Values for furnishing and installing all individual materials and activities. Material/activity prices will be used should deletions be required by field conditions and as directed by the Engineer.

Item No. 49

For furnishing and installing 1-inch dual services (both short and long), **including only water service and water meter box**, will be paid for at the unit price bid for each type of service times the number of that type of service installed. The price bid per service shall be full compensation for its complete construction, and shall

include, but not be limited to, furnishing and installing all materials in accordance with Department Standard Details WS 2.10 and WS 2.16 as applicable to each type of service; excavation; complying with the Florida Statutes "Trench Safety Act"; dewatering the excavation; furnishing and installing corporation stops; furnishing and installing HDPE pipe or tubing, couplings, unions, service terminal fittings, valves and other miscellaneous fittings; furnishing and installing meter boxes with lids for services; furnishing and installing perforated spacers and tail pieces; transporting and unloading pipe, tubing, meter boxes, lids, fittings, valves, and all other materials not specified in other bid items from delivery trucks at the job site and placing them into position; tapping the main; placing and compacting backfill; temporary paving repairs or driving casing pipe under the pavement; saw-cutting, demolition and legal disposal of two flags of sidewalk together with the meter box where there is an existing meter box and service or one flag of sidewalk if no service exists; constructing a three-foot square reinforced concrete meter box support slab where no sidewalk exists; furnishing all materials and equipment necessary to clean, test and disinfect the service connections; testing and disinfecting the service connections; if required complying with work hour restrictions; moving and replacing utilities, trees, shrubs, fences, walls, mail boxes, sprinkler systems, shoulders, asphalt paths, curb, gutter, driveways and all other similar, appurtenant and miscellaneous items and work (not included in another bid item) disturbed by construction, or as directed by the Engineer, to original or immediately adjacent locations and to equal or better than original conditions, together with all other required items and work to provide a complete, satisfactory, and functional installations.

Sidewalk restoration repairs for the installation of water services are to be paid for under a separate Quotation Item.

The Contractor shall provide a Schedule of Values for furnishing and installing all individual materials and activities. Material/activity prices will be used should deletions be required by field conditions and as directed by the Engineer.

Item No. 50

For furnishing and installing 1½-inch single services (both short and long), **including only water service and water meter box**, will be paid for at the unit price bid for each type of service times the number of that type of service installed. The price bid per service shall be full compensation for its complete construction, and shall include, but not be limited to, furnishing and installing all materials in accordance with Department Standard Details WS 2.10 and WS 2.16 as applicable to each type of service; excavation; complying with the Florida Statutes "Trench Safety Act"; dewatering the excavation; furnishing and installing corporation stops; furnishing and installing HDPE pipe or tubing, couplings, unions, service terminal fittings, valves and other miscellaneous fittings; furnishing and installing meter boxes with lids for services; furnishing and installing perforated spacers and tail pieces; transporting and unloading pipe, tubing, meter boxes, lids, fittings, valves, and all other materials not specified in other bid items from delivery trucks at the job site and placing them into position; tapping the main; placing and compacting backfill; temporary paving repairs or driving casing pipe under the pavement; saw-cutting, demolition and legal disposal of two flags of sidewalk together with the meter box where there is an existing meter box and service or one flag of sidewalk if no service exists; constructing a three-foot square reinforced concrete meter box

support slab where no sidewalk exists; furnishing all materials and equipment necessary to clean, test and disinfect the service connections; testing and disinfecting the service connections; if required complying with work hour restrictions; moving and replacing utilities, trees, shrubs, fences, walls, mail boxes, sprinkler systems, shoulders, asphalt paths, curb, gutter, driveways and all other similar, appurtenant and miscellaneous items and work (not included in another bid item) disturbed by construction, or as directed by the Engineer, to original or immediately adjacent locations and to equal or better than original conditions, together with all other required items and work to provide a complete, satisfactory, and functional installations.

Sidewalk restoration repairs for the installation of water services are to be paid for under a separate Quotation Item.

The Contractor shall provide a Schedule of Values for furnishing and installing all individual materials and activities. Material/activity prices will be used should deletions be required by field conditions and as directed by the Engineer.

Item No. 51

For furnishing and installing 2-inch single services (both short and long), **including only water service and water meter box**, will be paid for at the unit price bid for each type of service times the number of that type of service installed. The price bid per service shall be full compensation for its complete construction, and shall include, but not be limited to, furnishing and installing all materials in accordance with Department Standard Details WS 2.10 and WS 2.16 as applicable to each type of service; excavation; complying with the Florida Statutes "Trench Safety Act"; dewatering the excavation; furnishing and installing corporation stops; furnishing and installing HDPE pipe or tubing, couplings, unions, service terminal fittings, valves and other miscellaneous fittings; furnishing and installing meter boxes with lids for services; furnishing and installing perforated spacers and tail pieces; transporting and unloading pipe, tubing, meter boxes, lids, fittings, valves, and all other materials not specified in other bid items from delivery trucks at the job site and placing them into position; tapping the main; placing and compacting backfill; temporary paving repairs or driving casing pipe under the pavement; saw-cutting, demolition and legal disposal of two flags of sidewalk together with the meter box where there is an existing meter box and service or one flag of sidewalk if no service exists; constructing a three-foot square reinforced concrete meter box support slab where no sidewalk exists; furnishing all materials and equipment necessary to clean, test and disinfect the service connections; testing and disinfecting the service connections; if required complying with work hour restrictions; moving and replacing utilities, trees, shrubs, fences, walls, mail boxes, sprinkler systems, shoulders, asphalt paths, curb, gutter, driveways and all other similar, appurtenant and miscellaneous items and work (not included in another bid item) disturbed by construction, or as directed by the Engineer, to original or immediately adjacent locations and to equal or better than original conditions, together with all other required items and work to provide a complete, satisfactory, and functional installations.

Sidewalk restoration repairs for the installation of water services are to be paid for under a separate Quotation Item.

The Contractor shall provide a Schedule of Values for furnishing and installing all individual materials and activities. Material/activity prices will be used should deletions be required by field conditions and as directed by the Engineer.

Item No. 52

For furnishing and installing 2-inch dual services (both short and long), including only water service and water meter box, will be paid for at the unit price bid for each type of service times the number of that type of service installed. The price bid per service shall be full compensation for its complete construction, and shall include, but not be limited to, furnishing and installing all materials in accordance with Department Standard Details WS 2.10 and WS 2.16 as applicable to each type of service; excavation; complying with the Florida Statutes "Trench Safety Act"; dewatering the excavation; furnishing and installing corporation stops; furnishing and installing HDPE pipe or tubing, couplings, unions, service terminal fittings, valves and other miscellaneous fittings; furnishing and installing meter boxes with lids for services; furnishing and installing perforated spacers and tail pieces; transporting and unloading pipe, tubing, meter boxes, lids, fittings, valves, and all other materials not specified in other bid items from delivery trucks at the job site and placing them into position; tapping the main; placing and compacting backfill; temporary paving repairs or driving casing pipe under the pavement; saw-cutting, demolition and legal disposal of two flags of sidewalk together with the meter box where there is an existing meter box and service or one flag of sidewalk if no service exists; constructing a three-foot square reinforced concrete meter box support slab where no sidewalk exists; furnishing all materials and equipment necessary to clean, test and disinfect the service connections; testing and disinfecting the service connections; if required complying with work hour restrictions; moving and replacing utilities, trees, shrubs, fences, walls, mail boxes, sprinkler systems, shoulders, asphalt paths, curb, gutter, driveways and all other similar, appurtenant and miscellaneous items and work (not included in another bid item) disturbed by construction, or as directed by the Engineer, to original or immediately adjacent locations and to equal or better than original conditions, together with all other required items and work to provide a complete, satisfactory, and functional installations.

Sidewalk restoration repairs for the installation of water services are to be paid for under a separate Quotation Item.

The Contractor shall provide a Schedule of Values for furnishing and installing all individual materials and activities. Material/activity prices will be used should deletions be required by field conditions and as directed by the Engineer.

Item No. 53 – NOT APPLICABLE

For furnishing and installing 3-inch single services (both short and long), including reconnection of customer's service pipe and meter transfer, will be paid for at the unit price bid for each type of service times the number of that type of service installed. The price bid per service shall be full compensation for its complete construction, ready for connection or reconnection as appropriate, and shall include, but not be limited to, furnishing and installing all materials in accordance with Department Standard Detail WS 2.16; excavation; complying with the Florida Statutes "Trench Safety Act"; dewatering the excavation; furnishing and installing corporation stops; furnishing and installing HDPE pipe or tubing, couplings, unions,

service terminal fittings, valves and other miscellaneous fittings; furnishing and installing meter boxes with lids for services; furnishing and installing perforated spacers and tail pieces; transporting and unloading pipe, tubing, meter boxes, lids, fittings, valves, and all other materials not specified in other bid items from delivery trucks at the job site and placing them into position; tapping the main; placing and compacting backfill; temporary paving repairs or driving casing pipe under the pavement; saw-cutting, demolition and legal disposal of sidewalk together with the meter box where there is an existing meter box and service; constructing a five-foot square reinforced concrete meter box support slab where no sidewalk exists; furnishing all materials and equipment necessary to clean, test and disinfect the service connections; testing and disinfecting the service connections; disconnection of existing water service at existing meter box and re-connection to new meter box as directed by the Engineer, if required; furnishing and installing brass service pipe of size to match existing and all other materials necessary to reconnect customer's existing water service to new single service downstream of the meter, if required; for backfilling and compacting area where existing water meter box has been removed, if required; salvage, cleaning, transport, unloading and storage of existing cast iron meter box lids to a Department storage yard as directed by the Engineer; coordination with Department forces; complying with work hour restrictions; moving and replacing utilities, trees, shrubs, fences, walls, mail boxes, sprinkler systems, shoulders, asphalt paths, curb, gutter, concrete and stamped concrete driveways and all other similar, appurtenant and miscellaneous items and work (not included in another bid item) disturbed by construction, or as directed by the Engineer, to original or immediately adjacent locations and to equal or better than original conditions, together with all other required items and work to provide a complete, satisfactory, and functional installations.

Sidewalk restoration repairs for the installation of water services are to be paid for under a separate Quotation Item.

The Contractor shall provide a Schedule of Values for furnishing and installing all individual materials and activities; including removal, transport and disposal; that are a part of this work with prices satisfactory to the Engineer. Material/activity prices will be used should deletions be required by field conditions and as directed by the Engineer.

Item No. 54

For furnishing and installing 1-inch, 1 1/2 -inch & 2-inch **new water meters, including reconnection of customer's service pipe and meter transfer**, will be paid for at the unit price bid for each meter installed. The price bid per meter shall be full compensation for its complete installation, including removal of existing water meter and ready for connection or reconnection as appropriate, and shall include, but not be limited to, furnishing and installing new meter; capping existing water services, placing and compacting backfill; temporary paving repairs or driving casing pipe under the pavement; saw-cutting, disconnection of existing water service at existing meter box and re-connection to new meter box as directed by the Engineer, if required; furnishing and installing copper service pipe of size to match existing and all other materials necessary to reconnect customer's existing water service to new single service downstream of the meter, if required; for backfilling and compacting area where existing water meter box has been removed, if required; salvage, cleaning, transport, unloading and storage of

existing cast iron meter box lids and existing water meters to a Department storage yard as directed by the Engineer; coordination with Department forces; complying with work hour restrictions; replacing asphalt paths, curb, gutter, driveways and all other similar, appurtenant and miscellaneous items and work (not included in another bid item) disturbed by construction, or as directed by the Engineer, to original or immediately adjacent locations and to equal or better than original conditions, together with all other required items and work to provide a complete, satisfactory, and functional installations. **(Contingent of approval of WASD-COH agreement)**

Item No. 55 - Contingent Item

For constructing Air Release Valve Assemblies (ARVs) for water mains at the locations shown on the Plans, or where directed by the Engineer in the field, complete as shown in Department Standard Detail WS 1.60, will be paid for at the unit price bid times the number of assemblies installed and accepted by the Engineer. The price bid shall be full compensation for each complete installation, ready for service, and shall include, but not be limited to, excavation; sheeting and shoring if necessary; complying with the Florida Statutes "Trench Safety Act"; tapping the main; furnishing and installing corporation stop with tapping saddle (as required); brass coupling; PVC pipe and fittings, including cutting and threading as required; threaded bronze ball valve with lever; No. 3 valve box and cover set in concrete; constructing concrete support slabs, if necessary; transportation and handling costs; placing and compacting backfill; temporary paving; permanent paving outside of the main trench line, if necessary; and all other appurtenant and miscellaneous items and work for a complete, satisfactory, and functional installation.

Item No. 56

For constructing Flushing Valve Outlet Assemblies (FVOs), at the locations shown on the Plans, complete as shown in Department Standard Detail WS 1.61, will be paid for at the unit price bid times the number of assemblies installed and accepted by the Engineer. The price bid shall be full compensation for each complete installation, ready for service, and shall include, but not be limited to, excavation; sheeting and shoring if necessary; complying with the Florida Statutes "Trench Safety Act"; tapping the ductile iron cap or plug; furnishing and installing brass nipples, bends, and couplings; PVC pipe and fittings, including cutting and threading as required; threaded bronze ball valve with lever; No. 3 valve box and cover set in concrete; 6-mil polyethylene sheet; placing concrete for concrete anchor; placing and compacting backfill; constructing concrete support slabs, if necessary; transportation and handling costs; temporary paving; permanent paving outside of the main trench line, if necessary; and all other appurtenant and miscellaneous items and work for a complete, satisfactory and functional installation. **(FVOs are mainly located at intercepting streets, at the end of proposed stubs-outs for future connections, and at begin/end of project)**

Item No. 57

For constructing Flushing Valve Outlet Assemblies (FVOs), at the locations shown on the Plans, complete as shown in Department Standard Detail WS 1.61, will be paid for at the unit price bid times the number of assemblies installed and accepted by the Engineer. The price bid shall be full compensation for each complete installation, ready for service, and shall include, but not be limited to, excavation;

sheeting and shoring if necessary; complying with the Florida Statutes "Trench Safety Act"; tapping the ductile iron cap or plug; furnishing and installing brass nipples, bends, and couplings; PVC pipe and fittings, including cutting and threading as required; threaded bronze ball valve with lever; No. 3 valve box and cover set in concrete; 6-mil polyethylene sheet; placing concrete for concrete anchor; placing and compacting backfill; constructing concrete support slabs, if necessary; transportation and handling costs; temporary paving; permanent paving outside of the main trench line, if necessary; and all other appurtenant and miscellaneous items and work for a complete, satisfactory and functional installation. **(Proposed FVO's are located along NW 37 Ave, where existing COH lines will be disconnected serving areas to the east of NW 37 Ave, properties located to the west of NW 37 Ave will continue to be served by COH's existing 16-inch WM running along NW 37 Ave)**
(Contingent of approval of WASD-COH agreement)

Item No. 58

For removing and salvaging fire hydrant assembly with guard posts, complete, will be paid for at the unit price bid times the number of hydrants removed by the Contractor and accepted by the Engineer. The price per hydrant shall be full compensation for a complete removal and shall include, but not be limited to salvaging the fire hydrant assembly by excavating and removing the entire assembly including the bottom shoe; carefully cleaning the fire hydrant assembly of any thrust block concrete; cleaning, loading, transporting, unloading and storing the fire hydrant assembly in a Department storage yard as directed by the Engineer. The Contractor shall remove the existing guard posts. Fire hydrant feed mains shall be cut, plugged and thrust blocked if they are to remain connected to an active main line. Lines which are deactivated (i.e. not connected to an active main) shall be abandoned or removed as called for on the Plans. The price per hydrant assembly removal shall be full compensation for furnishing all labor, materials and supplies required for a complete removal per the aforementioned, and no extra compensation will be allowed.

Sidewalk restoration repairs for the removal of fire hydrants are to be paid for under a separate Quotation Item.

Item No. 59

For furnishing and delivering to the Department fire hydrant assemblies with guard posts, complete, will be paid for at the unit price bid times the number of hydrants installed by the Contractor and accepted by the Engineer. The price per hydrant shall be full compensation for furnishing all materials and supplies required for a complete installation.

Item No. 60

For installing fire hydrant assemblies with guard posts, complete, will be paid for at the unit price bid times the number of hydrants installed by the Contractor and accepted by the Engineer. The price per hydrant shall be full compensation for a complete installation and shall include, but not be limited to, excavation; sheeting and shoring if necessary; complying with the Florida Statutes "Trench Safety Act"; dewatering the excavation; transporting and unloading the hydrant assembly from delivery trucks at the job site (trench side) and placing them into position in the installation location; placing the hydrant in the trench and connecting it to the 6-

inch hydrant branch run; furnishing and installing joint materials; furnishing and installing joint thrust restraints making thrust resistant joints; furnishing and installing tie-rod and eyebolts; installing a concrete anchor at the hydrant elbow; cleaning, testing and disinfecting the entire assembly; placing and compacting backfill; removal and disposal of excess fill material, where required; saw-cutting, demolition and legal disposal of one flag of sidewalk, if required; constructing concrete protective slab around the fire hydrants in non-sidewalk areas; furnishing, installing and painting two guard posts, if required, including the concrete bases and filling posts with concrete; lubricating the hydrant, if required; touch-up painting of the hydrant, if required; making all surface repairs, including temporary and permanent pavement repairs around the hydrant, if any, and all other similar items; out-of-the-ditch-line permanent pavement repairs around the hydrant, if any, dirt and rock roadways, and all similar items; and all other appurtenant and miscellaneous items and work (not included in another bid item) for a complete, functional and acceptable installation.

Sidewalk restoration repairs for the installation of fire hydrants are to be paid for under a separate Quotation Item.

Item No. 61 - Contingent Item

For removal, transport, and legal disposal of unsuitable backfill materials, including tipping fees, as ordered by the Engineer, will be paid for at the unit price bid times the number of cubic yards removed and legally disposed of, as measured by the truckload to the satisfaction of the Engineer.

Item No. 62 - Contingent Item

For furnishing and installing additional suitable backfill material, will be paid for at the unit price bid times the number of cubic yards of additional trench backfill furnished and installed, as directed by the Engineer, in the field and includes removal of unsuitable material, loading, hauling, legal disposal off-site and tipping fees. The additional trench backfill shall be measured along the main within the limits of the trench as defined by the Department Standard Details appended hereto. The use of additional trench backfill shall be paid for only when and where approved by the Engineer prior to installation.

Item No. 63 - Contingent Item

For furnishing and constructing 8-inch reinforced concrete protective slab in areas of low ground cover per Department Standard Detail GS 1.2, will be paid for at the unit price bid times the number of square yards of concrete placed. The price shall be full compensation for all work including furnishing all labor, equipment, and materials required for constructing the 8-inch reinforced protective slab. This bid item shall be used only at locations approved by the Engineer where the minimum cover over the main cannot be obtained.

Item No. 64

For constructing limerock base for **Type "I"** permanent pavement repairs, will be paid for at the unit price bid times the number of square yards of such base required, installed, and accepted as measured along the main within the limits defined by details on the Plans and/or the Department Standard Details appended hereto. Greater widths are at the Contractor's option and expense. The price bid shall be full compensation for furnishing all materials, labor and equipment

required for a complete limerock base installation ready to receive the tack coat and surface course. Limerock base for permanent pavement repairs installed outside the main trench line limits as shown in the Department Standard Details under other bid items will be paid for under those items; it will not be separately measured and paid for under this item.

Item No. 65

For constructing **Type "I"** asphaltic concrete surface course permanent pavement repairs, will be paid for at the unit price bid times the number of square yards of such surface course installed and accepted as measured along the main within the limits defined by details on the Plans and/or the Department Standard Details appended hereto. Greater widths are at the Contractor's option and expense. The price bid shall be full compensation for furnishing all materials, labor and equipment required for a complete machine-laid asphaltic concrete surface course installation. Asphaltic surface course for permanent pavement repairs installed outside the main trench line limits as shown in the Department Standard Details under other bid items will be paid for under those items; it will not be separately measured and paid for under this item.

Item No. 66

For constructing limerock base for **Type "II"** permanent pavement repairs, will be paid for at the unit price bid times the number of square yards of such base required, installed and accepted as measured along the main within the limits defined by details on the Plans and/or the Department Standard Details appended hereto. Greater widths are at the Contractor's option and expense. The price bid shall be full compensation for furnishing all materials, labor and equipment required for a complete limerock base installation ready to receive the tack coat and surface course. Limerock base for permanent pavement repairs installed outside the main trench line limits as shown in the Department Standard Details under other bid items will be paid for under those items; it will not be separately measured and paid for under this item.

Item No. 67

For constructing **Type "II"** asphaltic concrete surface course permanent pavement repairs, will be paid for at the unit price bid times the number of square yards of such surface course installed and accepted as measured along the main within the limits defined by details on the Plans and/or the Department Standard Details appended hereto. Greater widths are at the Contractor's option and expense. The price bid shall be full compensation for furnishing all materials, labor and equipment required for a complete machine-laid asphaltic concrete surface course installation. Asphaltic surface course for permanent pavement repairs installed outside the main trench line limits as shown in the Department Standard Details under other bid items will be paid for under those items; it will not be separately measured and paid for under this item.

Item No. 68 - Contingent Item

For cold milling roadway surface course for permanent pavement repairs (nominal 1 inch thick), will be paid for at the unit price bid times the number of square yards of such surface course milled and required as measured along the curb within the limits defined by details on the Plans and/or the Department Standard Details appended hereto and as approved by the Engineer. Greater widths are at the

Contractor's option and expense. The price bid shall be full compensation for furnishing all materials, labor and equipment required for milling of surfaces indicated. Asphalt cold milling shall be performed using an automated pavement planer capable of maintaining an accurate depth. Cold milling equipment shall meet the approval of the Engineer and the governing agency having jurisdiction at the location of the pavement milling operation. The Engineer's word as to the acceptability of the equipment shall be final.

Item No. 69 - Contingent Item

For constructing **Type "V"** permanent pavement repairs for roadway (nominal 1 inch thick machine-laid asphaltic concrete friction surface overlay) will be paid for at the unit price bid times the number of square yards of overlay, installed where directed by and to the satisfaction of the Engineer, which price shall be full compensation for furnishing all labor, material, and equipment for a complete installation; and shall include asphalt pavement driveways in roadways, as required and directed by the Engineer. After the pavement has been milled and the existing pavement removed, a tack coat shall be applied as specified above. Type "V" pavement repairs, if required, will usually be in addition to the required Type "I" or Type "M" pavement repairs. The latest applicable standard for the friction course from the governing authority shall be used. Temporary pavement markings for roadways shall be included in this bid item.

Item No. 70- Contingent Item

For cold milling **FDOT** roadway surface course for permanent pavement repairs (nominal 1-1/2 inch thick), will be paid for at the unit price bid times the number of square yards of such surface course milled and required as measured along the curb within the limits defined by details on the Plans and/or the Department Standard Details appended hereto and as approved by the Engineer. Greater widths are at the Contractor's option and expense. The price bid shall be full compensation for furnishing all materials, labor and equipment required for milling of surfaces indicated. Asphalt cold milling shall be performed using an automated pavement planer capable of maintaining an accurate depth. Cold milling equipment shall meet the approval of the Engineer and the governing agency having jurisdiction at the location of the pavement milling operation. The Engineer's word as to the acceptability of the equipment shall be final.

Item No. 71 - Contingent Item

For constructing **Type "V"** permanent pavement repairs for **FDOT** roadway (nominal 1-1/2 inch thick machine-laid asphaltic concrete wearing surface overlay Friction Course 9.5 with rubber) will be paid for at the unit price bid times the number of square yards of overlay, installed where directed by and to the satisfaction of the Engineer, which price shall be full compensation for furnishing all labor, material, and equipment for a complete installation. After the pavement has been milled and the existing pavement removed, a tack coat shall be applied as specified above. Type "V" pavement repairs, if required, will usually be in addition to the required Type "II" pavement repairs. The latest applicable standard for the friction course from the governing authority shall be used. Temporary pavement markings for **FDOT** roadways shall be included in this bid item.

Item No. 72

For furnishing and installing V-Bio polyethylene encasement for any size ductile iron pipe, fitting or valve, will be paid for at the unit price bid times the number of feet installed and accepted, as measured to the nearest foot along the horizontal projection of the pipe. The price bid shall be full compensation for furnishing all materials, labor and equipment required for a complete polyethylene encasement for any size ductile iron pipe, fitting or valve.

Item No. 73

For furnishing and installing polyethylene encasement for any size zinc-coated ductile iron pipe, fitting or valve, will be paid for at the unit price bid times the number of feet installed and accepted, as measured to the nearest foot along the horizontal projection of the pipe. The price bid shall be full compensation for furnishing all materials, labor and equipment required for a complete polyethylene encasement for any size ductile iron pipe, fitting or valve.

Item No. 74 - Contingent Item

For constructing concrete sidewalk restoration to match existing, will be paid for at the unit price bid times the number of square feet of such sidewalk required, installed, and accepted by the Engineer, and the price bid shall be full compensation for furnishing all labor, materials, and equipment for a complete installation.

Item No. 75 - Contingent Item

For constructing concrete curb and gutter restoration to match existing, will be paid for at the unit price bid times the number of linear feet of such curb and gutter required and placed as measured along the curb, installed where directed by the Engineer, and the price bid shall be full compensation for furnishing all labor and equipment for a complete installation.

Item No. 76 - Contingent Item

For restoring sodded areas, will be paid at the unit price bid times the number of square yards of sod placed, and the price bid shall be full compensation for furnishing all labor, materials, and equipment for a complete restoration.

Item No. 77 - Contingent Item

For trench overcut in one-foot depth increments, will be paid for at the unit price bid per linear foot, for any size pipe to be installed in the trench times the number of linear feet of overcut excavated, times the number of one-foot increments of depth as ordered by the Engineer. There shall be no more than six (6) one-foot increments of depth in any one location. The number of linear feet excavated shall be the length in feet of the horizontal projection of the centerline of the trench, measured to the nearest foot, between the limits established by the Engineer in the field. The price per linear foot for trench overcut shall be full compensation for the completed work and shall include, but not be limited to, excavating to the specified depth as directed by the Engineer, placing, leveling and compacting suitable select backfill material to the level specified. Suitable select backfill shall be obtained from material excavated from the site. If sufficient material is not available from the site, additional material shall be furnished by the Contractor at no additional cost to the Department.

Item No. 78 - Contingent Item

For sheeting and shoring ordered left in place by the Engineer, will be paid for at the unit price bid per square foot, measured from tip to cut-off times the horizontal length, regardless of thickness, times the number of linear feet of sheeting and shoring left in place as accepted by the Engineer. Payment shall be full compensation for cutting off and for all salvage and potential reuse value of the material. Sheeting and shoring left in place without the Engineer's approval will be at the Contractor's expense.

Item No. 79

For replacing pavement markings damaged, removed, or obliterated by Contractor's operation, will be paid for from the aggregate sum amount bid by the Contractor for this purpose. Such amounts represent the amount the contractor feels is necessary to comply with the governing agency's requirements. Any portion of this fund, remaining after the work has been paid for will remain with the Contractor. Conversely, no requests for additional reimbursement will be approved. Reflective Pavement Markers shall also be furnished and installed under this item and there will be no additional compensation paid for this work.

Since this item is bid as an aggregate sum, no other special provisions for measurement will be necessary.

Item No. 80- Contingent Item

For constructing pedestrian curb ramp restoration including new ramp construction per FDOT Design Standards Index No. 304, as required and directed by the Engineer, will be paid for at the unit price bid times the number of pedestrian curb ramps restored or constructed. The price bid shall be full compensation for all work including furnishing all labor, equipment, and material required for constructing formwork, placing concrete, protecting restored pedestrian curb ramp removed or damaged under this Project. Pedestrian curb ramp shall be built per the requirements of FDOT Design Standards Index No. 304 "Detectable Warnings and Sidewalk Curb Ramps." Payment will be made only if pedestrian curb ramp restoration is encountered within the limits of construction. All other replacement due to removal or damage as a result of the Contractor's operations shall be at the Contractor's expense. Use of this item must have prior written approval of the Engineer in order for the Contractor to receive payment.

Item No. 81 - Contingent Item

For constructing pedestrian curb ramp detectable warnings per FDOT Design Standards Index No. 304, as required and directed by the Engineer, will be paid for at the unit price bid times the number of square feet of detectable warnings constructed. The price bid shall be full compensation for all work including furnishing all labor, equipment, and material required for constructing the detectable warnings per the requirements of FDOT Design Standards Index No. 304 "Detectable Warnings and Sidewalk Curb Ramps." Payment will be made only if detectable warnings are required within the limits of construction. All other replacement due to removal or damage as a result of the Contractor's operations shall be at the Contractor's expense. Use of this item must have prior written approval of the Engineer in order for the Contractor to receive payment.

Item No. 82 - Contingent Item

For replacing traffic loop detection assemblies, complete, will be paid at the unit price bid times the times the number of loop detectors. The price bid shall include all work to replace the existing loop detector damaged by the construction and restored to a fully functioning condition.

Item No. 83

For furnishing traffic control, will be paid for from the aggregate sum amount established by the Contractor for this purpose. Such amount represents the amount the Contractor feels is necessary to provide sufficient flagmen, signs, barricades, and similar items and work for directing traffic and maintaining safety during all times of work and other times as directed by the Engineer, FDOT, the municipalities' Public Works Department and any other governing authority. Any portion of this fund remaining after all authorized payments have been made will remain with the Contractor. Conversely, no requests for additional payments will be approved.

Payment to the Contractor under this item will be by monthly percentage corresponding to the percentage of the Project's work items completed and paid for each month, as approved by the Engineer.

For furnishing and installing 1-inch dual services (both short and long), including reconnection of customer's service pipe and meter transfer, will be paid for at the unit price bid for each type of service times the number of that type of service installed. The price bid per service shall be full compensation for its complete construction, ready for connection or reconnection as appropriate, and shall include, but not be limited to, furnishing and installing all materials in accordance with Department Standard Details WS 2.12 and WS 2.16 as applicable to each type of service; excavation; complying with the Florida Statutes "Trench Safety Act"; dewatering the excavation; furnishing and installing corporation stops; furnishing and installing HDPE pipe or tubing, couplings, unions, service terminal fittings, valves and other miscellaneous fittings; furnishing and installing meter boxes with lids for services; furnishing and installing perforated spacers and tail pieces; transporting and unloading pipe, tubing, meter boxes, lids, fittings, valves, and all other materials not specified in other bid items from delivery trucks at the job site and placing them into position; tapping the main; placing and compacting backfill; temporary paving repairs or driving casing pipe under the pavement; saw-cutting, demolition and legal disposal of two flags of sidewalk together with the meter box where there is an existing meter box and service or one flag of sidewalk if no service exists; constructing a three-foot square reinforced concrete meter box support slab where no sidewalk exists; furnishing all materials and equipment necessary to clean, test and disinfect the service connections; testing and disinfecting the service connections; disconnection of existing water service at existing meter box and re-connection to new meter box as directed by the Engineer, if required; furnishing and installing copper service pipe of size to match existing and all other materials necessary to reconnect customer's existing water service to new single service downstream of the meter, if required; for backfilling and compacting area where existing water meter box has been removed, if required; salvage, cleaning, transport, unloading and storage of existing cast iron meter box lids to a Department storage yard as directed by the Engineer; coordination with Department forces; complying with work hour restrictions;

moving and replacing utilities, trees, shrubs, fences, walls, mail boxes, sprinkler systems, shoulders, asphalt paths, curb, gutter, driveways and all other similar, appurtenant and miscellaneous items and work (not included in another bid item) disturbed by construction, or as directed by the Engineer, to original or immediately adjacent locations and to equal or better than original conditions, together with all other required items and work to provide a complete, satisfactory, and functional installations.

Item No. 84 - SUBTOTAL

Sum of Item Nos. 1 through 83.

Item No. 85 - Dedicated Allowance

This item establishes a fund for reimbursement of the cost of providing off-duty police officers as required for this project. Payment shall only reimburse the Contractor for the cost of the off-duty police officers for hours on duty at the work site; no overhead, travel time or other additional costs will be allowed. Any portion of this fund remaining after all authorized payments have been made will be withheld from contract payment and will remain with the County.

Item No. 86 - Dedicated Allowance

This item establishes a fund for reimbursement of the cost of all required construction permits and fees, if authorized by the Engineer. Payment shall reimburse the Contractor for only the cost of the construction permit and fee. Any question or whether a construction permit or fee is required shall be decided by the Engineer whose word shall be final. Any portion of this fund remaining after all authorized payments have been made will be withheld from Project payments and will remain with the County.

Item No. 87 - Contingency Allowance

For unforeseen conditions, minor construction changes and Quantity Adjustments, additional work not covered by other items, if ordered by the Engineer.

This account is for all labor, materials, equipment and services necessary for modification or extra work required to complete the Project due to unforeseen conditions, unforeseen conflicts between existing elements of work and the proposed work; for minor changes required to resolve any unforeseen conditions, Revised Regulations, Technological and Products Development, Operational Changes, Schedule Requirements, Program Interface, Emergencies and other Miscellaneous Costs; and for adjustments to estimated quantities shown on the unit prices of the Quotation to conform to actual quantities installed; and associated time related to this work only if ordered by the Engineer.

Payment to the Contractor under the Contingency Allowance will only be made for work ordered in writing by the Engineer, in accordance with Section 13 "Extra Work and Payment Therefore" of the "General Covenants and Conditions." Any portion of these accounts remaining after all authorized payments have been made will be withheld from Contract payments and will remain with the County.

A non-compensable time extension shall be included in the Contingency Allowance work when approved by the Engineer.

Item No. 88- TOTAL BID

Sum of Item Nos. 80, 81, 82 and 83.

Note:

Since Item Nos. 54, 55, 61, 62, 63, 68, 69, 70, 71, 74, 75, 76, 77, 78, 80, 81 and 82 are Contingent Items, and because of the nature of the Dedicated Allowance, Item Nos. 85 and 86, and the Contingency Allowance, Item No. 87, they may or may not be used at the option of the Department. Any overrun or under run provisions contained within the Project Documents shall not be applicable to these items.

**END OF
TECHNICAL SPECIFICATIONS**

Revised Quotation Form Items for Addendum No. 6

MIAMI-DADE WATER AND SEWER DEPARTMENT

PROPOSED 16-INCH DI WATER MAIN ALONG NW 37 AVENUE,
FROM NW 36 STREET TO NW 82 STREET
PCTS No. 16054 PROJECT ER No. W017329

QUOTATION

<u>Item No.</u>	<u>Estimated Quantity</u>	<u>Description</u>	<u>Total</u>
1.	Aggregate Sum (Divided into 2 or 4 payments. See Sect. 8.00 Measurement and Payment for Conditions)	For performing preparatory work and operations in mobilizing for beginning the work of the Project, including preparation and acceptance of MOT, but excluding materials and permit costs, both of which are paid under other payment items, the aggregate sum of _____ Dollars and _____ Cents	\$ _____
2.	5,508 Linear Feet	For furnishing and delivering to the Department 16-inch zinc-coated ductile iron pipe and fittings for water main, the price per linear foot of _____ Dollars and _____ Cents (\$ _____/LF)	\$ _____
3.	8,134 Linear Feet	For furnishing and delivering to the Department 16-inch ductile iron pipe and fittings for water main, the price per linear foot of _____ Dollars and _____ Cents (\$ _____/LF)	\$ _____
4.	13,642 Linear Feet	For installing 16-inch ductile iron/zinc-coated ductile iron pipe and fittings for water main, the price per linear foot of _____ Dollars and _____ Cents (\$ _____/LF)	\$ _____
5.	208 Linear Feet	For furnishing and delivering to the Department 12-inch zinc-coated ductile iron pipe and fittings for water main, the price per linear foot of _____ Dollars and _____ Cents (\$ _____/LF)	\$ _____

Revised WASD Quotation Items for Addendum No. 6

MIAMI-DADE WATER AND SEWER DEPARTMENT

PROPOSED 16-INCH DI WATER MAIN ALONG NW 37 AVENUE,
FROM NW 36 STREET TO NW 82 STREET
PCTS No. 16054 PROJECT ER No. W017329

QUOTATION

<u>Item No.</u>	<u>Estimated Quantity</u>	<u>Description</u>	<u>Total</u>
6.	25 Linear Feet	For furnishing and delivering to the Department 12-inch zinc-coated ductile iron pipe and fittings for water main, (Linear feet are in reference to pipe interconnections with COH) (Contingent of approval of WASD-COH agreement), the price per linear foot of ____ Dollars and ____ Cents (\$____/LF)	\$ _____
7.	1,258 Linear Feet	For furnishing and delivering to the Department 12-inch ductile iron pipe and fittings for water main, the price per linear foot of ____ Dollars and ____ Cents (\$____/LF)	\$ _____
8.	20 Linear Feet	For furnishing and delivering to the Department 12-inch ductile iron pipe and fittings for water main, (Linear feet are in reference to pipe interconnections with COH) (Contingent of approval of WASD-COH agreement), the price per linear foot of ____ Dollars and ____ Cents (\$____/LF)	\$ _____
9.	1,511 Linear Feet	For installing 12-inch ductile iron/ zinc-coated ductile iron pipe and fittings for water main, the price per linear foot of ____ Dollars and ____ Cents (\$____/LF)	\$ _____
10.	50 Linear Feet	For furnishing and delivering to the Department 10-inch ductile iron pipe and fittings for water main, (Linear feet are in reference to pipe interconnections with COH) (Contingent of approval of WASD-COH agreement), the price per linear foot of ____ Dollars and ____ Cents (\$____/LF)	\$ _____

Revised WASD Quotation Items for Addendum No. 6

MIAMI-DADE WATER AND SEWER DEPARTMENT

PROPOSED 16-INCH DI WATER MAIN ALONG NW 37 AVENUE,
FROM NW 36 STREET TO NW 82 STREET
PCTS No. 16054 PROJECT ER No. W017329

QUOTATION

<u>Item No.</u>	<u>Estimated Quantity</u>	<u>Description</u>	<u>Total</u>
11.	70 Linear Feet	For furnishing and delivering to the Department 10-inch PVC C900 pipe and D.I.P. fittings for water main, the price per linear foot of _____ Dollars and _____ Cents (\$_____/LF)	\$ _____
12.	120 Linear Feet	For installing 10-inch PVC C900 pipe/ ductile iron pipe and fittings for water main, the price per linear foot of _____ Dollars and _____ Cents (\$_____/LF)	\$ _____
13.	30 Linear Feet	For furnishing and delivering to the Department 8-inch zinc-coated ductile iron pipe and fittings for water main, (Linear feet are in reference to pipe interconnections with COH) (Contingent of approval of WASD-COH agreement), the price per linear foot of _____ Dollars and _____ Cents (\$_____/LF)	\$ _____
14.	63 Linear Feet	For furnishing and delivering to the Department 8-inch ductile iron pipe and fittings for water main, the price per linear foot of _____ Dollars and _____ Cents (\$_____/LF)	\$ _____
15.	60 Linear Feet	For furnishing and delivering to the Department 8-inch ductile iron pipe and fittings for water main, (Linear feet are in reference to pipe interconnections with COH) (Contingent of approval of WASD-COH agreement), the price per linear foot of _____ Dollars and _____ Cents (\$_____/LF)	\$ _____

Revised WASD Quotation Items for Addendum No. 6

MIAMI-DADE WATER AND SEWER DEPARTMENT

PROPOSED 16-INCH DI WATER MAIN ALONG NW 37 AVENUE,
FROM NW 36 STREET TO NW 82 STREET
PCTS No. 16054 PROJECT ER No. W017329

QUOTATION

<u>Item No.</u>	<u>Estimated Quantity</u>	<u>Description</u>	<u>Total</u>
16.	153 Linear Feet	For installing 8-inch ductile iron/ zinc-coated ductile iron pipe and fittings for water main, the price per linear foot of _____ Dollars and _____ Cents (\$_____/LF)	\$ _____
17.	135 Linear Feet	For furnishing and delivering to the Department 6-inch zinc-coated ductile iron pipe and fittings for water main, the price per linear foot of _____ Dollars and _____ Cents (\$_____/LF)	\$ _____
18.	447 Linear Feet	For furnishing and delivering to the Department 6-inch ductile iron pipe and fittings for water main, the price per linear foot of _____ Dollars and _____ Cents (\$_____/LF)	\$ _____
19.	90 Linear Feet	For furnishing and delivering to the Department 6-inch ductile iron pipe and fittings for water main, (Linear feet are in reference to pipe interconnections with COH) (Contingent of approval of WASD-COH agreement), the price per linear foot of _____ Dollars and _____ Cents (\$_____/LF)	\$ _____
20.	672 Linear Feet	For installing 6-inch ductile iron/ zinc-coated ductile iron pipe and fittings for water main, the price per linear foot of _____ Dollars and _____ Cents (\$_____/LF)	\$ _____

Revised WASD Quotation Items for Addendum No. 6

MIAMI-DADE WATER AND SEWER DEPARTMENT

PROPOSED 16-INCH DI WATER MAIN ALONG NW 37 AVENUE,
FROM NW 36 STREET TO NW 82 STREET
PCTS No. 16054 PROJECT ER No. W017329

QUOTATION

<u>Item No.</u>	<u>Estimated Quantity</u>	<u>Description</u>	<u>Total</u>
21.	100 Linear Feet	For furnishing and installing 30-inch steel pipe casing for water main for MDT's crossings, per Department Standard Detail GS 5.0, at STA 23+37.63± & STA 154+36.17±, the price per linear foot of	
		_____ Dollars and	
		_____ Cents (\$_____/LF)	\$ _____
22.	Aggregate Sum	For furnishing all materials, labor, and equipment, and installing microtunnel under the FDOT-SFRTA easement; including construction of jacking and receiving shafts and installation of approximately 68 linear feet of 30-inch steel casing pipe and galvanized steel vents, at STA. 66+00±, as shown on the plans, the aggregate sum of	
		_____ Dollars and	
		_____ Cents	\$ _____
23.	Aggregate Sum	For furnishing all materials, labor, and equipment, and installing microtunnel under the FEC easement; including construction of jacking and receiving shafts and installation of approximately 300 linear feet of 30-inch steel casing pipe and galvanized steel vents, at STA. 90+00±, as shown on the plans, the aggregate sum of	
		_____ Dollars and	
		_____ Cents	\$ _____

Revised WASD Quotation Items for Addendum No. 6

MIAMI-DADE WATER AND SEWER DEPARTMENT

PROPOSED 16-INCH DI WATER MAIN ALONG NW 37 AVENUE,
FROM NW 36 STREET TO NW 82 STREET
PCTS No. 16054 PROJECT ER No. W017329

QUOTATION

<u>Item No.</u>	<u>Estimated Quantity</u>	<u>Description</u>	<u>Total</u>
24.	Aggregate Sum	For furnishing all materials, labor, and equipment, and installing microtunnel under the FDOT-SFRTA easement; including construction of jacking and receiving shafts and installation of approximately 149 linear feet of 30-inch steel casing pipe and galvanized steel vents, at STA. 142+00±, as shown on the plans, the aggregate sum of _____ Dollars and _____ Cents	\$ _____
25.	1 Each	For making a tapping connection to an existing (12") water main at: NW 36 St. and NW 37 Ave. (STA 20+51±) including furnishing and installing tapping sleeves (stainless steel) and tapping valves, as shown on the Plans, complete, the price each of _____ Dollars and _____ Cents	\$ _____
26.	2 Each	For making tapping connections to existing (12") water mains at: North of NW 41 St. and NW 37 Ave. (STA 37+02±) NW 46 St. and NW 37 Ave. (STA 46+88±) including furnishing and installing tapping sleeves (stainless steel) and tapping valves, and cutting and capping existing mains, as shown on the Plans, complete (This item refers to pipe interconnections with COH) (Contingent of approval of WASD-COH agreement), the price each of _____ Dollars and _____ Cents (\$ _____/EA)	\$ _____

Revised WASD Quotation Items for Addendum No. 6

MIAMI-DADE WATER AND SEWER DEPARTMENT

PROPOSED 16-INCH DI WATER MAIN ALONG NW 37 AVENUE,
FROM NW 36 STREET TO NW 82 STREET
PCTS No. 16054 PROJECT ER No. W017329

QUOTATION

<u>Item No.</u>	<u>Estimated Quantity</u>	<u>Description</u>	<u>Total</u>
27.	1 Each	For making tapping connections to existing (8") water mains at: South of NW 46 St. and NW 37 Ave. (STA 43+69±) including furnishing and installing tapping sleeves (stainless steel) and tapping valves, and cutting and capping existing mains, as shown on the Plans, complete (This item refers to pipe interconnections with COH) (Contingent of approval of WASD-COH agreement), the price each of Dollars and Cents (\$ /EA) \$	
28.	1 Each	For making a tapping connection to an existing (6") water main at: South of NW 67 St. and NW 37 Ave. (STA 112+76±) including furnishing and installing tapping sleeves (stainless steel) and tapping valves, and cutting and capping existing mains, as shown on the Plans, complete (This item refers to pipe interconnections with COH) (Contingent of approval of WASD-COH agreement), the price each of Dollars and Cents \$	
29.	Aggregate Sum	For making a tapping connection to an existing 60" concrete water main at: NW 67 St. and SW 37 Ave. (STA 114+29±) including furnishing and installing 60"x16" tapping saddle and 16" tapping valve, as shown on the Plans, complete, and obtaining the services of a tapping specialist to tap the existing water main, the aggregate sum of Dollars and Cents \$	

Revised WASD Quotation Items for Addendum No. 6

MIAMI-DADE WATER AND SEWER DEPARTMENT

PROPOSED 16-INCH DI WATER MAIN ALONG NW 37 AVENUE,
FROM NW 36 STREET TO NW 82 STREET
PCTS No. 16054 PROJECT ER No. W017329

QUOTATION

<u>Item No.</u>	<u>Estimated Quantity</u>	<u>Description</u>	<u>Total</u>
30.	1 Each	For making cut-in connections to existing (12") water mains at: NW 36 St. and NW 37 Ave. (STA 20+69±) including furnishing and installing all fittings necessary for connections, as shown on the Plans, complete, the price each of ____ Dollars and ____ Cents (\$____/EA)	\$_____
31.	1 Each	For making cut-in connections to existing (12") water mains at: NW 76 St. and NW 37 Ave. (STA 146+42±) including furnishing and installing all fittings necessary for connections, as shown on the Plans, complete, (This item refers to pipe interconnections with COH) (Contingent of approval of WASD-COH agreement), the price each of ____ Dollars and ____ Cents (\$____/EA)	\$_____
32.	3 Each	For making cut-in connections to existing (10") water mains at: NW 60 St. and NW 37 Ave. (STA 94+45±) NW 62 St. and NW 37 Ave. (STA 101+16±) NW 71 St. and NW 37 Ave. (STA 127+90±) including furnishing and installing all fittings necessary for connections, as shown on the Plans, complete, (This item refers to pipe interconnections with COH) (Contingent of approval of WASD-COH agreement), the price each of ____ Dollars and ____ Cents (\$____/EA)	\$_____

Revised WASD Quotation Items for Addendum No. 6

MIAMI-DADE WATER AND SEWER DEPARTMENT

PROPOSED 16-INCH DI WATER MAIN ALONG NW 37 AVENUE,
FROM NW 36 STREET TO NW 82 STREET
PCTS No. 16054 PROJECT ER No. W017329

QUOTATION

<u>Item No.</u>	<u>Estimated Quantity</u>	<u>Description</u>	<u>Total</u>
33.	2 Each	For making cut-in connections to existing (10") water mains at: NW 67 St. and NW 37 Ave. (2) (STA 114+51±) (STA 114+53±) including furnishing and installing all fittings necessary for connections, as shown on the Plans, complete, the price each of	
		_____ Dollars and	
		_____ Cents (\$ _____/EA)	\$ _____
34.	5 Each	For making cut-in connections to existing (8") water mains at: NW 41 St. and NW 37 Ave. (STA 33+86±) NW 47 St. and NW 37 Ave. (STA 49+84±) South of NW 73 St. and NW 37 Ave. (STA 136+42±) NW 74 St. and NW 37 Ave. (STA 138+94±) NW 79 St. and NW 37 Ave. (STA 154+12±) including furnishing and installing all fittings necessary for connections, as shown on the Plans, complete, (This item refers to pipe interconnections with COH) (Contingent of approval of WASD-COH agreement), the price each of	
		_____ Dollars and	
		_____ Cents (\$ _____/EA)	\$ _____
35.	2 Each	For making cut-in connections to existing (8") water mains at: NW 67 St. and NW 37 Ave. (STA 114+39±) NW 82 St. and NW 37 Ave. (STA 164+61±) including furnishing and installing all fittings necessary for connections, as shown on the Plans, complete, the price each of	
		_____ Dollars and	
		_____ Cents (\$ _____/EA)	\$ _____

Revised WASD Quotation Items for Addendum No. 6

MIAMI-DADE WATER AND SEWER DEPARTMENT

PROPOSED 16-INCH DI WATER MAIN ALONG NW 37 AVENUE,
FROM NW 36 STREET TO NW 82 STREET
PCTS No. 16054 PROJECT ER No. W017329

QUOTATION

<u>Item No.</u>	<u>Estimated Quantity</u>	<u>Description</u>	<u>Total</u>
36.	3 Each	For making cut-in connections to existing (6") water mains at: NW 37 Ct. and NW 37 Ave. (STA 122+63±) South of NW 73 St. and NW 37 Ave. (STA 137+12±) NW 81 St. and NW 37 Ave. (STA 161+42±) including furnishing and installing all fittings necessary for connections, as shown on the Plans, complete, (This item refers to pipe interconnections with COH) (Contingent of approval of WASD-COH agreement), the price each of	
		_____ Dollars and	
		_____ Cents (\$_____/EA)	\$ _____
37.	1 Each	For making cut-in connection to existing (2") water main at: NW 48 St. and NW 37 Ave. (STA 52+78.58) including furnishing and installing all fittings necessary for connections, as shown on the Plans, complete, (This item refers to pipe interconnections with COH) (Contingent of approval of WASD-COH agreement), the price each of	
		_____ Dollars and	
		_____ Cents (\$_____/EA)	\$ _____
38.	31 Each	For furnishing and delivering to the Department 16-inch mechanical joint resilient seated gate valves for water main, complete, the price each of	
		_____ Dollars and	
		_____ Cents (\$_____/EA)	\$ _____
39.	31 Each	For installing 16-inch mechanical joint resilient seated gate valves for water main, complete, the price each of	
		_____ Dollars and	
		_____ Cents (\$_____/EA)	\$ _____

Revised WASD Quotation Items for Addendum No. 6

MIAMI-DADE WATER AND SEWER DEPARTMENT

PROPOSED 16-INCH DI WATER MAIN ALONG NW 37 AVENUE,
FROM NW 36 STREET TO NW 82 STREET
PCTS No. 16054 PROJECT ER No. W017329

QUOTATION

<u>Item No.</u>	<u>Estimated Quantity</u>	<u>Description</u>	<u>Total</u>
40.	17 Each	For furnishing and delivering to the Department 12-inch mechanical joint resilient seated gate valves for water main, complete, the price each of _____ Dollars and _____ Cents (\$_____/EA)	\$ _____
41.	17 Each	For installing 12-inch mechanical joint resilient seated gate valves for water main, complete, the price each of _____ Dollars and _____ Cents (\$_____/EA)	\$ _____
42.	3 Each	For furnishing and delivering to the Department 10-inch mechanical joint resilient seated gate valves for water main, complete, the price each of _____ Dollars and _____ Cents (\$_____/EA)	\$ _____
43.	3 Each	For installing 10-inch mechanical joint resilient seated gate valves for water main, complete, the price each of _____ Dollars and _____ Cents (\$_____/EA)	\$ _____
44.	7 Each	For furnishing and delivering to the Department 8-inch mechanical joint resilient seated gate valves for water main, complete, the price each of _____ Dollars and _____ Cents (\$_____/EA)	\$ _____

Revised WASD Quotation Items for Addendum No. 6

MIAMI-DADE WATER AND SEWER DEPARTMENT

PROPOSED 16-INCH DI WATER MAIN ALONG NW 37 AVENUE,
FROM NW 36 STREET TO NW 82 STREET
PCTS No. 16054 PROJECT ER No. W017329

QUOTATION

<u>Item No.</u>	<u>Estimated Quantity</u>	<u>Description</u>	<u>Total</u>
45.	7 Each	For installing 8-inch mechanical joint resilient seated gate valves for water main, complete, the price each of	
		_____ Dollars and	
		_____ Cents (\$_____/EA)	\$ _____
46.	31 Each	For furnishing and delivering to the Department 6-inch mechanical joint resilient seated gate valves for water main, complete, the price each of	
		_____ Dollars and	
		_____ Cents (\$_____/EA)	\$ _____
47.	31 Each	For installing 6-inch mechanical joint resilient seated gate valves for water main, complete, the price each of	
		_____ Dollars and	
		_____ Cents (\$_____/EA)	\$ _____
48.	13 Each	For furnishing and installing 1-inch single service <u>short & long, including only water service and water meter box</u> , complete, the price each of	
		_____ Dollars and	
		_____ Cents (\$_____/EA)	\$ _____
49.	5 Each	For furnishing and installing 1-inch dual service <u>short & long, including only water service and water meter box</u> , complete, the price each of	
		_____ Dollars and	
		_____ Cents (\$_____/EA)	\$ _____

Revised WASD Quotation Items for Addendum No. 6

MIAMI-DADE WATER AND SEWER DEPARTMENT

PROPOSED 16-INCH DI WATER MAIN ALONG NW 37 AVENUE,
FROM NW 36 STREET TO NW 82 STREET
PCTS No. 16054 PROJECT ER No. W017329

QUOTATION

<u>Item No.</u>	<u>Estimated Quantity</u>	<u>Description</u>	<u>Total</u>
50.	6 Each	For furnishing and installing 1 1/2-inch single service <u>short & long, including only water service and water meter box</u> , complete, the price each of ____ Dollars and ____ Cents (\$____/EA)	\$ _____
51.	19 Each	For furnishing and installing 2-inch single service <u>short & long, including only water service and water meter box</u> , complete, the price each of ____ Dollars and ____ Cents (\$____/EA)	\$ _____
52.	2 Each	For furnishing and installing 2-inch dual service <u>short & long, including only water service and water meter box</u> , complete, the price each of ____ Dollars and ____ Cents (\$____/EA)	\$ _____
53.	0 Each	For furnishing and installing 3-inch single service <u>short & long, including reconnection of customer's service pipe and meter transfer</u> , complete, the price each of ____ Dollars and ____ Cents (\$____/EA)	\$ _____
54.	45 Each	For furnishing and installing 1-inch, 1 1/2-inch and 2-inch new water meters, <u>including removal of existing meters, meter transfers and capping existing service lines</u> , complete, (Contingent of approval of WASD-COH agreement), the price each of ____ Dollars and ____ Cents (\$____/EA)	\$ _____

Revised WASD Quotation Items for Addendum No. 6

MIAMI-DADE WATER AND SEWER DEPARTMENT

PROPOSED 16-INCH DI WATER MAIN ALONG NW 37 AVENUE,
FROM NW 36 STREET TO NW 82 STREET
PCTS No. 16054 PROJECT ER No. W017329

QUOTATION

<u>Item No.</u>	<u>Estimated Quantity</u>	<u>Description</u>	<u>Total</u>
55.	42 Each (Contingent Item)	For constructing Air Release Valve Assemblies (ARVs) for water mains at the locations shown on the Plans, complete, the price each of	
		_____ Dollars and	
		_____ Cents (\$_____/EA)	\$ _____
56.	17 Each	For constructing Flushing Valve Outlet Assemblies (FVOs) at the locations shown on the plans, complete, (FVO's are mainly located at intercepting streets, at the end of proposed stub-outs for future connections, and at begin/end of project), the price each of	
		_____ Dollars and	
		_____ Cents (\$_____/EA)	\$ _____
57.	20 Each	For constructing Flushing Valve Outlet Assemblies (FVOs) at the locations shown on the plans, complete, (Proposed FVO's are located along NW 37 Ave, where existing COH lines will be disconnected serving areas to the east of NW 37 Ave, properties located to the west of NW 37 Ave will continue to be served by COH's existing 16-inch WM running along NW 37 Ave) (Contingent of approval of WASD-COH agreement), the price each of	
		_____ Dollars and	
		_____ Cents (\$_____/EA)	\$ _____

Revised WASD Quotation Items for Addendum No. 6

MIAMI-DADE WATER AND SEWER DEPARTMENT

PROPOSED 16-INCH DI WATER MAIN ALONG NW 37 AVENUE,
FROM NW 36 STREET TO NW 82 STREET
PCTS No. 16054 PROJECT ER No. W017329

QUOTATION

<u>Item No.</u>	<u>Estimated Quantity</u>	<u>Description</u>	<u>Total</u>
58.	4 Each	For removing and salvaging existing fire hydrant assemblies with elbow/shoe and guard posts, complete, the price each of	
		_____ Dollars and	
		_____ Cents (\$_____/EA)	\$ _____
59.	27 Each	For furnishing and delivering to the Department fire hydrant assemblies with guard posts, complete, the price each of	
		_____ Dollars and	
		_____ Cents (\$_____/EA)	\$ _____
60.	27 Each	For installing fire hydrant assemblies with guard posts, complete, the price each of	
		_____ Dollars and	
		_____ Cents (\$_____/EA)	\$ _____
61.	200 Cubic Yards (Contingent Item)	For removal, transport, and legal disposal of unsuitable backfill materials, including tipping fees, <u>as ordered by the Engineer</u> , the price per cubic yard of	
		_____ Dollars and	
		_____ Cents (\$_____/CY)	\$ _____
62.	200 Cubic Yards (Contingent Item)	For furnishing and installing additional suitable backfill material, <u>as directed by the Engineer</u> , the price per cubic yard of	
		_____ Dollars and	
		_____ Cents (\$_____/CY)	\$ _____

Revised WASD Quotation Items for Addendum No. 6

MIAMI-DADE WATER AND SEWER DEPARTMENT

PROPOSED 16-INCH DI WATER MAIN ALONG NW 37 AVENUE,
FROM NW 36 STREET TO NW 82 STREET
PCTS No. 16054 PROJECT ER No. W017329

QUOTATION

<u>Item No.</u>	<u>Estimated Quantity</u>	<u>Description</u>	<u>Total</u>
63.	22 Square Yards (Contingent Item)	For constructing 8-inch reinforced concrete protective slab, per Department Standard Detail GS 1.2, in areas of low ground cover, <u>as ordered by the Engineer</u> , the price per square yard of	
		_____ Dollars and	
		_____ Cents (\$_____/SY)	\$ _____
64.	9,486 Square Yards	For constructing limerock base for Type "I" permanent pavement repairs, price per square yard of	
		_____ Dollars and	
		_____ Cents (\$_____/SY)	\$ _____
65.	9,486 Square Yards	For constructing Type "I" asphaltic concrete surface course permanent pavement repairs, the price per square yard of	
		_____ Dollars and	
		_____ Cents (\$_____/SY)	\$ _____
66.	310 Square Yards	For constructing limerock base for Type "II" permanent pavement repairs, price per square yard of	
		_____ Dollars and	
		_____ Cents (\$_____/SY)	\$ _____
67.	310 Square Yards	For constructing Type "II" asphaltic concrete surface course permanent pavement repairs, the price per square yard of	
		_____ Dollars and	
		_____ Cents (\$_____/SY)	\$ _____

Revised WASD Quotation Items for Addendum No. 6

MIAMI-DADE WATER AND SEWER DEPARTMENT

PROPOSED 16-INCH DI WATER MAIN ALONG NW 37 AVENUE,
FROM NW 36 STREET TO NW 82 STREET
PCTS No. 16054 PROJECT ER No. W017329

QUOTATION

<u>Item No.</u>	<u>Estimated Quantity</u>	<u>Description</u>	<u>Total</u>
68.	6,525 Square Yards (Contingent Item)	For cold milling roadway surface course for permanent pavement repairs (nominal 1 inch thick) (area as shown on Plans), the price per square yard of _____ Dollars and _____ Cents (\$_____/SY)	\$ _____
69.	6,525 Square Yards (Contingent Item)	For constructing Type "V" permanent pavement repairs for roadway (nominal 1-inch-thick machine-laid asphaltic concrete friction surface overlay), (area as shown on Plans), the price per square yard of _____ Dollars and _____ Cents (\$_____/SY)	\$ _____
70.	1,207 Square Yards (Contingent Item)	For cold milling roadway surface course for permanent pavement repairs (nominal 1 1/2 inch thick) (area as shown on Plans) (FDOT road), the price per square yard of _____ Dollars and _____ Cents (\$_____/SY)	\$ _____
71.	1,207 Square Yards (Contingent Item)	For constructing Type "V" permanent pavement repairs for roadway (nominal 1 1/2-inch-thick machine-laid asphaltic concrete friction surface overlay), (area as shown on Plans)(FDOT road), the price per square yard of _____ Dollars and _____ Cents (\$_____/SY)	\$ _____

Revised WASD Quotation Items for Addendum No. 6

MIAMI-DADE WATER AND SEWER DEPARTMENT

PROPOSED 16-INCH DI WATER MAIN ALONG NW 37 AVENUE,
FROM NW 36 STREET TO NW 82 STREET
PCTS No. 16054 PROJECT ER No. W017329

QUOTATION

<u>Item No.</u>	<u>Estimated Quantity</u>	<u>Description</u>	<u>Total</u>
72.	5,906 Linear Feet	For furnishing and installing V-Bio polyethylene encasement for any size ductile iron pipe, fitting, or valve, the price per linear foot of	
		_____ Dollars and	
		_____ Cents (\$_____/LF)	\$ _____
73.	10,122 Linear Feet	For furnishing and installing polyethylene encasement for any size ductile iron pipe, fitting, or valve, the price per linear foot of	
		_____ Dollars and	
		_____ Cents (\$_____/LF)	\$ _____
74.	362 Square Feet (Contingent Item)	For constructing concrete sidewalk restoration to match existing, the price per square foot of	
		_____ Dollars and	
		_____ Cents (\$_____/SF)	\$ _____
75.	50 Linear Feet (Contingent Item)	For constructing concrete curb and gutter restoration to match existing, the price per linear foot of	
		_____ Dollars and	
		_____ Cents (\$_____/LF)	\$ _____
76.	24 Square Yards (Contingent Item)	For restoring sodded area, the price per square yard of	
		_____ Dollars and	
		_____ Cents (\$_____/SY)	\$ _____

Revised WASD Quotation Items for Addendum No. 6

MIAMI-DADE WATER AND SEWER DEPARTMENT

PROPOSED 16-INCH DI WATER MAIN ALONG NW 37 AVENUE,
FROM NW 36 STREET TO NW 82 STREET
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QUOTATION

<u>Item No.</u>	<u>Estimated Quantity</u>	<u>Description</u>	<u>Total</u>
77.	500 Linear Feet (Contingent Item)	For trench overcut in 1-foot depth increments, for any size pipe, the price per linear foot of _____ Dollars and _____ Cents (\$_____/LF)	\$ _____
78.	200 Square Feet (Contingent Item)	For sheeting and shoring <u>ordered left in place by the Engineer</u> , the price per square foot of _____ Dollars and _____ Cents (\$_____/SF)	\$ _____
79.	Aggregate Sum	For replacing pavement markings damaged, removed, or obliterated by the Contractor's operation, the aggregate sum of _____ Dollars and _____ Cents (\$_____/SF)	\$ _____
80.	10 Each (Contingent Item)	For constructing pedestrian curb ramps at intersections per FDOT Design Standards Index No. 304, including new ramp construction and restoration, <u>as required and directed by the Engineer</u> , the price each of _____ Dollars and _____ Cents (\$_____/EA)	\$ _____
81.	80 Square Feet (Contingent Item)	For constructing pedestrian curb ramp detectable warnings per FDOT Design Standards Index No. 304, <u>as required and directed by the Engineer</u> , the price per square foot of _____ Dollars and _____ Cents (\$_____/SF)	\$ _____

Revised WASD Quotation Items for Addendum No. 6

MIAMI-DADE WATER AND SEWER DEPARTMENT

PROPOSED 16-INCH DI WATER MAIN ALONG NW 37 AVENUE,
FROM NW 36 STREET TO NW 82 STREET
PCTS No. 16054 PROJECT ER No. W017329

QUOTATION

<u>Item No.</u>	<u>Estimated Quantity</u>	<u>Description</u>	<u>Total</u>
82.	5 Each (Contingent Item)	For replacing traffic detection loop assemblies, complete, the price each of _____ Dollars and _____ Cents (\$_____/EA)	\$ _____
83.	Aggregate Sum	For furnishing traffic control, the aggregate sum of _____ _____ Dollars and _____ Cents	\$ _____
84.	SUBTOTAL	The SUM of Item Nos. 1 through 83	\$ _____
85.	Dedicated Allowance	For providing uniformed, off-duty police officers for the purpose of maintenance of traffic, the aggregate sum of _____ One Hundred Ninety-Two Thousand _____ Dollars and _____ Zero _____ Cents	\$ 192,000.00
86.	Dedicated Allowance	For cost of required permits, fees, inspections, impact fees, <u>if authorized by the Engineer,</u> The sum of 3% of the Subtotal Item No. 84 (.03) x (Subtotal, Item No. 84) _____ _____ Dollars and _____ Cents	\$ _____

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MIAMI-DADE WATER AND SEWER DEPARTMENT

PROPOSED 16-INCH DI WATER MAIN ALONG NW 37 AVENUE,
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QUOTATION

<u>Item No.</u>	<u>Estimated Quantity</u>	<u>Description</u>	<u>Total</u>
87.	Contingency Allowance	For unforeseen conditions, for minor construction changes, and for quantity adjustments, <u>if ordered by the Engineer,</u> The sum of 10% of the Subtotal Item No. 84, (.10) x (Subtotal, Item No. 84) _____ _____ _____ Dollars and _____ Cents	\$ _____
88.	TOTAL BID	The SUM of Item Nos. 80, 81, 82, and 83	\$ _____

Note: For a detailed description of each Quotation Item refer to Section 8.00 "Measurement and Payment" of the Technical Specifications.

Revised WASD Quotation Items for Addendum No. 6

MIAMI-DADE WATER AND SEWER DEPARTMENT

PROPOSED 16-INCH DI WATER MAIN ALONG NW 37 AVENUE,
FROM NW 36 STREET TO NW 82 STREET
PCTS No. 16054 PROJECT ER No. W017329

QUOTATION

"TRENCH SAFETY ACT"					
Bidder acknowledges that included in the various Bid Items of the Quotation and in the Total Bid Price are costs for complying with the provisions of Florida Statutes Chapter 553, Part III, "Trench Safety Act." The bidder further identifies the costs to be summarized below:					
	Trench Safety Measure (Description)	Unit of Measure (LF, SY)	Quantity	Unit Cost	Extended Cost
A.				\$	\$
B.				\$	\$
C.				\$	\$
D.				\$	\$
"TRENCH SAFETY ACT" TOTAL \$					
- FAILURE TO COMPLETE THE ABOVE MAY RESULT IN THE BID BEING DECLARED NON-RESPONSIVE -					