Approved
Veto
Override

MEMORANDUM

GOE
AGENDA ITEM NO. 2(U)

November 14, 2003

TO: Honorable Chairperson Barbara Carey-Shuler, Ed.D. and Members, Board of County Commissioners

FROM: George Burgess
County Manager

SUBJECT: Contract Award: Installation of 24-Inch Diameter Ductile Iron Force Main from Pump Station 416 to NW 177 Street and NW 75 Place, Contract No. S-740

The attached Recommendation for Award for Contract S-740 between **United Engineering Corporation,** and Miami-Dade County has been prepared by the Miami-Dade Water and Sewer Department and is recommended for approval.

PROJECT: Installation of 24-Inch Diameter Ductile Iron Force Main from Pump Station 416 to NW 177 Street and NW 75 Place

PROJECT NO.: S-740

PROJECT LOCATION: From Pump Station 416, located at 7301 NW 186 Street, to NW 177 Street and NW 75 Place, in Miami-Dade County, Florida

COMMISSIONER AND DISTRICT NO.: District 13, Natacha Seijas

PROJECT DESCRIPTION: The project consists of furnishing and installing all materials equipment and supplies to construct approximately 4,640 linear feet of 24-inch diameter ductile iron pipe and fittings sanitary sewer force main from Pump Station 416, located at 7301 NW 186 Street, to NW 177 Street and NW 75 Place, in Miami-Dade County, Florida.

The project includes the following: furnishing and installing 24-inch diameter ductile iron pipe and fittings; furnishing and installing flowable fill; furnishing and installing four 24-inch diameter plug valves; making a connection to an existing force main with a tapping sleeve and valve; constructing automatic air release valve assemblies; cleaning and testing the mains; temporary and permanent pavement repairs, including full pavement width surface overlay; traffic control; and all other appurtenant and miscellaneous items and work for a complete project.

It is the intent of the Department to obtain a complete functional, and satisfactory installation under this project, therefore, any items of labor, equipment or materials which may be reasonably assumed as necessary to accomplish this end shall be supplied whether or not they are specifically shown on the Plans or stated in the Specifications. The Contractor shall provide all sheeting, shoring, bracing and all other labor, material or equipment required to preclude damage to, or loss of functionality of, any existing facility or system.

COST ESTIMATE:	$1,116,000
CONTRACT AMOUNT:	$992,199.67
EXPLANATION:	Originally, this contract award was presented at the April 15, 2003 Governmental Operations and Environment (GOE) Committee Meeting with a recommendation to award the contract to the second lowest bidder, Ocean Bay Construction, Inc., because the Department of Business Development (DBD) found the lowest bidder, United Engineering, not in compliance with the Community Small Business Enterprise Program. Since the April 15th GOE Committee Meeting, DBD has done further investigation and found United Engineering in compliance. Therefore, the Department is recommending award to the low bidder, United Engineering Corporation. The Department received nine bids for this project, ranging between $992,199.67 and $1,528,184.90. The four lowest bids are only 12% apart, showing strong competition.
FUNDING SOURCE:	Wastewater Revenue Bonds – Series 1997, Fund No. 67
INSPECTOR GENERAL FEE: (1/4 OF ONE PERCENT)	$2,480.50
INDEPENDENT PRIVATE SECTOR INSPECTOR GENERAL (IPSIG):	Provision Included
ALLOWANCES/CONTINGENCY ORDINANCE NO. 00-65: (EXPLANATION)	This project is an improvement to the infrastructure of a sewer system, and therefore, a ten percent (10%) Allowance Account is permissible, per Ordinance No. 00-65. This Allowance Account ($98,177.15) will be used by the Department for unforeseen conditions, construction changes, additional work or materials not covered by any proposal item, and for quantity adjustments.
CONTRACT PERIOD:	180 consecutive calendar days
ART IN PUBLIC PLACES:	Not Applicable
MANDATORY CLEARING HOUSE:	Provision Included
PRIME CONTRACTOR:	United Engineering Corp.
COMPANY PRINCIPAL:	Antonio Assenza
COMPANY QUALIFIER:	Antonio Assenza, Darin M. Anderson, Guillermo Fernandez
LOCATION OF COMPANY:	405 SW 148 Ave., Suite No. 2, Davie, FL 33325
YEARS IN BUSINESS:	3 years

PREVIOUS CONTRACTS WITH THE COUNTY IN THE PAST FIVE YEARS:	5 contracts for a total of $35,000,000
USING AGENCY:	Miami-Dade Water and Sewer Department
MANAGING AGENCY:	Miami-Dade Water and Sewer Department
COMMUNITY SMALL BUSINESS ENTERPRISE INFORMATION:	9% participation goal, in the Review Committee meeting of July 17, 2002
SUBCONTRACTOR MEETING GOAL:	Star Paving – 9.2%
SUBCONTRACTORS AND SUPPLIERS: (ORD. 97-104)	Star Paving US Filter

APPROVED FOR LEGAL SUFFICIENCY:

County Attorney — Date 6/9/03

MIAMI-DADE WATER AND SEWER DEPARTMENT
MIAMI-DADE COUNTY

INSTALLATION OF 24-INCH D.I. FORCE MAIN
FROM P.S. 416 TO N.W. 177 ST. AND N.W. 75 PL. (NL-0416)
CONTRACT NO. S-740

ESTIMATE: $1,116,000

TABULATION OF BIDS — Bid Date: November 19, 2002

BIDDERS		United Eng. Corp. 405 SW 148 Ave., Ste 2 Davie, Fl 33325		Ocean Bay Construction, Inc. 2200 N.W. 16 Street Pompano Beach, Fl 33069		Metro Equipment Service, Inc. 9450 SW 72 St. #110 Miami, Fl 33173	
Item No. Description	Quant.	Unit	Total	Unit	Total	Unit	Total
1. Selling & delivering to the Department 24-inch ductile iron pipe & fittings for sewage force main	4,637 Lin. Ft.	$ 90.00	$ 417,330.00	$ 70.55	$ 327,140.35	50.00	$ 231,850.00
2. Installing 24-inch ductile iron pipe & fittings for sewage force main	4,637 Lin. Ft.	35.00	162,295.00	84.60	392,290.20	30.00	139,110.00
3. Selling & delivering to the Department 24-inch plug valves complete with riser pipe, valve box and extension shaft, complete	5 Each	30,000.00	150,000.00	16,120.90	80,604.50	25,000.00	125,000.00
4. Installing 24-inch plug valves complete with riser pipe, valve box and extension shaft, complete	5 Each	1,500.00	7,500.00	875.00	4,375.00	20,000.00	100,000.00
5. Making a connection to an existing 30-inch force main with a 30x24-inch tapping sleeve and 24-inch tapping valve furnished by the contractor, complete	Aggregate Sum		26,920.00		37,000.00		40,000.00
6. Constructing Automatic Air Release Valve Assemblies (ARV's) for sewage force main at the locations shown on the Plans	11 Each	1,500.00	16,500.00	1,650.00	18,150.00	3,000.00	33,000.00
7. Trench overcut in 1-foot depth increments	500 Lin. Ft. (Cont. Item)	0.50	250.00	0.01	5.00	0.10	50.00
8. Sheeting & shoring ordered left in place by the Engineer	500 Sq. Ft. (Cont. Item)	1.00	500.00	0.01	5.00	0.10	50.00
9. Constructing limerock base for Type "I" permanent paving repairs	2,388 Sq.Yds.	14.00	33,432.00	10.60	25,312.80	12.00	28,656.00
10. Constructing asphaltic concrete surface course for Type "I" permanent paving repairs	2,388 Sq. Yds.	6.00	14,328.00	3.30	7,880.40	15.00	35,820.00
11. Constructing limerock base for Type "II" permanent paving repairs	676 Sq. Yds.	17.00	11,492.00	14.30	9,666.80	14.00	9,464.00
12. Constructing asphaltic concrete surface course for Type "II" permanent paving repairs, 1-1/2-inch SP & 1-1/2-inch FC-6 with rubber	770 Sq. Yds.	9.00	6,930.00	16.88	12,997.60	16.00	12,320.00
13. Constructing special permanent paving repairs (mill to a depth of 1-1/2-inch & replace with 1-1/2-inch	4,709 Sq. Yds.	$ 5.00	$ 23,545.00	$ 5.70	$ 26,841.30	$ 6.00	$ 28,254.00

MIAMI-DADE WATER AND SEWER DEPARTMENT
MIAMI-DADE COUNTY

INSTALLATION OF 24-INCH D.I. FORCE MAIN
FROM P.S. 416 TO N.W. 177 ST. AND N.W. 75 PL. (NL-0416)
CONTRACT NO. S-740

ESTIMATE: $1,116,000

TABULATION OF BIDS — Bid Date: November 19, 2002

BIDDERS		United Eng. Corp. 405 SW 148 Ave., Ste 2 Davie, Fl 33325		Ocean Bay Construction, Inc. 2200 N.W. 16 Street Pompano Beach, Fl 33069		Metro Equipment Service, Inc. 9450 SW 72 St. #110 Miami, Fl 33173	
Item No. Description	Quant.	Unit	Total	Unit	Total	Unit	Total
friction coarse FC-6 with rubber) on the FDOT roadway	(Cont. Item)						
14. Constructing Type "V" permanent pavement repairs including milling (nominal 1" thick machine-laid asphaltic concrete wearing surface overlay)	1,652 Sq. Yds. (Cont. Item)	6.00	9,912.00	5.70	9,416.40	5.50	9,086.00
15. Furnishing & installing flowable fill as trench backfill for perpendicular cuts on the FDOT roadway	138 Cubic Yards (Cont. Item)	100.00	13,800.00	100.00	13,800.00	62.00	8,556.00
16. Applying pavement markings	Aggregate Sum		2,000.00		2,000.00		70,000.00
17. Furnishing traffic control	Aggregate Sum	*	4,802.00		9,000.00		125,000.00
18. Furnishing & installing polyethylene encasement for any size D.I. pipe, fitting or valve, if ordered by the Engineer	4,637 Lin. Ft. (Cont. Item)	0.10 *	463.70	1.14	5,286.18	0.10	463.70
19. Subtotal Total Amount items 1 through 18		*	$ 901,999.70		$ 981,771.53		$ 996,679.70
20. Unforeseen conditions for minor construction changes, and for quantity adjustments, if ordered by the Engineer, the sum of 10% of the subtotal, Item 19, (.10) X (Subtotal, Item 19)	Allowance Account		90,199.97		98,177.15		99,667.97
TOTAL BID (Items 19 and 20)		*	$ 992,199.67		$1,079,948.68		$ 1,096,347.67

*Revised due to error

NOTE: Ric-Man International and Regosa Engineering did not use the Revised Proposal Page 1A issued by Addendum #2.

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MIAMI-DADE WATER AND SEWER DEPARTMENT
MIAMI-DADE COUNTY

INSTALLATION OF 24-INCH D.I. FORCE MAIN
FROM P.S. 416 TO N.W. 177 ST. AND N.W. 75 PL. (NL-0416)
CONTRACT NO. S-740

ESTIMATE: $1,116,000

TABULATION OF BIDS — Bid Date: November 19, 2002

Item No.	Description	Quant.	Central Fl. Equipment Rentals, Inc. 9030 NW 97th Terr. Medley, Fl 33178 Unit	Total	Boys Eng. II, Inc. 2625 W. 78 Street #2 Hialeah, Fl 33016 Unit	Total	Lanzo Construction Co., Fl. 1900 N.W. 44 Street Pompano Beach, Fl 33064 Unit	Total
1.	Selling & delivering to the Department 24-inch ductile iron pipe & fittings for sewage force main	4,637 Lin. Ft.	$ 79.66	$ 369,383.42	$ 86.50	$ 401,100.50	110.00	$ 510,070.00
2.	Installing 24-inch ductile iron pipe & fittings for sewage force main	4,637 Lin. Ft.	52.18	241,958.66	47.50	220,257.50	50.00	231,850.00
3.	Selling & delivering to the Department 24-inch plug valves complete with riser pipe, valve box and extension shaft, complete	5 Each	18,000.00	90,000.00	16,500.00	82,500.00	17,000.00	85,000.00
4.	Installing 24-inch plug valves complete with riser pipe, valve box and extension shaft, complete	5 Each	2,750.00	13,750.00	1,500.00	7,500.00	800.00	4,000.00
5.	Making a connection to an existing 30-inch force main with a 30x24-inch tapping sleeve and 24-inch tapping valve furnished by the contractor, complete	Aggregate Sum		34,500.00		32,000.00		50,000.00
6.	Constructing Automatic Air Release Valve Assemblies (ARV's) for sewage force main at the locations shown on the Plans	11 Each	1,437.50	15,812.50	3,500.00	38,500.00	1,500.00	16,500.00
7.	Trench overcut in 1-foot depth increments	500 Lin. Ft. (Cont. Item)	0.01	5.00	1.00	500.00	0.10	50.00
8.	Sheeting & shoring ordered left in place by the Engineer	500 Sq. Ft. (Cont. Item)	0.01	5.00	0.10	50.00	0.10	50.00
9.	Constructing limerock base for Type "I" permanent paving repairs	2,388 Sq.Yds.	18.00	42,984.00	18.00	42,984.00	8.50	20,298.00
10.	Constructing asphaltic concrete surface course for Type "I" permanent paving repairs	2,388 Sq. Yds.	12.80	30,566.40	8.00	19,104.00	6.50	15,522.00
11.	Constructing limerock base for Type "II" permanent paving repairs	676 Sq. Yds.	22.00	14,872.00	19.00	12,844.00	12.00	8,112.00
12.	Constructing asphaltic concrete surface course for Type "II" permanent paving repairs, 1-1/2-inch SP & 1-1/2-inch FC-6 with rubber	770 Sq. Yds.	20.00	15,400.00	19.25	14,822.50	14.00	10,780.00
13.	Constructing special permanent paving repairs (mill to a depth of 1-1/2-inch & replace with 1-1/2-inch	4,709 Sq. Yds.	$ 10.60	$ 49,915.40	$ 20.00	$ 94,180.00	$ 8.60	$ 40,497.40

MIAMI-DADE WATER AND SEWER DEPARTMENT
MIAMI-DADE COUNTY

INSTALLATION OF 24-INCH D.I. FORCE MAIN
FROM P.S. 416 TO N.W. 177 ST. AND N.W. 75 PL. (NL-0416)
CONTRACT NO. S-740

ESTIMATE: $1,116,000

TABULATION OF BIDS — Bid Date: November 19, 2002

BIDDERS		Central Fl. Equipment Rentals, Inc. 9030 NW 97th Terr. Medley, Fl 33178		Boys Eng. II, Inc. 2625 W. 78 Street #2 Hialeah, Fl 33016		Lanzo Construction Co., Fl. 1900 N.W. 44 Street Pompano Beach, Fl 33064	
Item No. Description	Quant.	Unit	Total	Unit	Total	Unit	Total
friction coarse FC-6 with rubber) on the FDOT roadway	(Cont. Item)						
14. Constructing Type "V" permanent pavement repairs including milling (nominal 1" thick machine-laid asphaltic concrete wearing surface overlay)	1,652 Sq. Yds. (Cont. Item)	16.25	26,845.00	5.50	9,086.00	3.00	4,956.00
15. Furnishing & installing flowable fill as trench backfill for perpendicular cuts on the FDOT roadway	138 Cubic Yards (Cont. Item)	100.00	13,800.00	150.00	20,700.00	60.00	8,280.00
16. Applying pavement markings	Aggregate Sum		9,000.00		10,000.00		5,000.00
17. Furnishing traffic control	Aggregate Sum		28,750.00		25,000.00		20,000.00
18. Furnishing & installing polyethylene encasement for any size D.I. pipe, fitting or valve, if ordered by the Engineer	4,637 Lin. Ft. (Cont. Item)	2.30	10,665.10	0.01	46.37	0.10	463.70
19. Subtotal Total Amount items 1 through 18			$ 1,008,212.48		$ 1,031,174.87		$ 1,031,429.10
20. Unforeseen conditions for minor construction changes, and for quantity adjustments, if ordered by the Engineer, the sum of 10% of the subtotal, Item 19, (.10) X (Subtotal, Item 19)	Allowance Account		100,821.25		103,117.48		103,142.91
TOTAL BID (Items 19 and 20)			$ 1,109,033.73		$ 1,134,292.35		$ 1,134,572.01

NOTE: Ric-Man International and Regosa Engineering did not use the Revised Proposal Page 1A issued by Addendum #2.

MIAMI-DADE WATER AND SEWER DEPARTMENT
MIAMI-DADE COUNTY

INSTALLATION OF 24-INCH D.I. FORCE MAIN
FROM P.S. 416 TO N.W. 177 ST. AND N.W. 75 PL. (NL-0416)
CONTRACT NO. S-740

ESTIMATE: $1,116,000

TABULATION OF BIDS

Bid Date: November 19, 2002

BIDDERS		Atlantic Civil, Inc. 9350 So. Dixie Hwy., Suite 1250 Miami, Fl 33156		Acosta Tractors, Inc. 2419 West 3rd Court Hialeah, Fl 33010		Conquest Eng. Group Company 10851 NW 24 St. Miami, Fl 33172	
Item No. Description	Quant.	Unit	Total	Unit	Total	Unit	Total
1. Selling & delivering to the Department 24-inch ductile iron pipe & fittings for sewage force main	4,637 Lin. Ft.	$ 89.00	$ 412,693.00	$ 110.00	$ 510,070.00	95.00	$ 440,515.00
2. Installing 24-inch ductile iron pipe & fittings for sewage force main	4,637 Lin. Ft.	47.00	217,939.00	45.00	208,665.00	23.00	106,651.00
3. Selling & delivering to the Department 24-inch plug valves complete with riser pipe, valve box and extension shaft, complete	5 Each	19,000.00	95,000.00	21,700.00	108,500.00	18,488.00	92,440.00
4. Installing 24-inch plug valves complete with riser pipe, valve box and extension shaft, complete	5 Each	1,600.00	8,000.00	2,000.00	10,000.00	1,265.00	6,325.00
5. Making a connection to an existing 30-inch force main with a 30x24-inch tapping sleeve and 24-inch tapping valve furnished by the contractor, complete	Aggregate Sum		37,000.00		50,000.00		22,000.00
6. Constructing Automatic Air Release Valve Assemblies (ARV's) for sewage force main at the locations shown on the Plans	11 Each	2,700.00	29,700.00	3,530.00	38,830.00	1,030.00	11,330.00
7. Trench overcut in 1-foot depth increments	500 Lin. Ft. (Cont. Item)	16.00	8,000.00	9.00	4,500.00	1,000.00 *	500,000.00
8. Sheeting & shoring ordered left in place by the Engineer	500 Sq. Ft. (Cont. Item)	24.00	12,000.00	30.00	15,000.00	12.00	6,000.00
9. Constructing limerock base for Type "I" permanent paving repairs	2,388 Sq.Yds.	21.00	50,148.00	14.00	33,432.00	5.00	11,940.00
10. Constructing asphaltic concrete surface course for Type "I" permanent paving repairs	2,388 Sq. Yds.	17.00	40,596.00	10.00	23,880.00	5.50	13,134.00
11. Constructing limerock base for Type "II" permanent paving repairs	676 Sq. Yds.	23.00	15,548.00	21.00	14,196.00	7.00	4,732.00
12. Constructing asphaltic concrete surface course for Type "II" permanent paving repairs, 1-1/2-inch SP & 1-1/2-inch FC-6 with rubber	770 Sq. Yds.	18.00	13,860.00	25.00	19,250.00	14.00	10,780.00

*Revised due to error

MIAMI-DADE WATER AND SEWER DEPARTMENT
MIAMI-DADE COUNTY

INSTALLATION OF 24-INCH D.I. FORCE MAIN
FROM P.S. 416 TO N.W. 177 ST. AND N.W. 75 PL. (NL-0416)
CONTRACT NO. S-740

ESTIMATE: $1,116,000

TABULATION OF BIDS — Bid Date: November 19, 2002

BIDDERS		Atlantic Civil, Inc. 9350 So. Dixie Hwy., Suite 1250 Miami, Fl 33156		Acosta Tractors, Inc. 2419 West 3rd Court Hialeah, Fl 33010		Conquest Eng. Group Company 10851 NW 24 St. Miami, Fl 33172	
Item No. Description	Quant.	Unit	Total	Unit	Total	Unit	Total
13. Constructing special permanent paving repairs (mill to a depth of 1-1/2-inch & replace with 1-1/2-inch friction coarse FC-6 with rubber) on the FDOT roadway	4,709 Sq. Yds. (Cont. Item)	$ 9.00	$ 42,381.00	$ 15.00	$ 70,635.00	$ 11.00	$ 51,799.00
14. Constructing Type "V" permanent pavement repairs including milling (nominal 1" thick machine-laid asphaltic concrete wearing surface overlay)	1,652 Sq. Yds. (Cont. Item)	9.50	15,694.00	7.00	11,564.00	14.00	23,128.00
15. Furnishing & installing flowable fill as trench backfill for perpendicular cuts on the FDOT roadway	138 Cubic Yards (Cont. Item)	110.00	15,180.00	110.00	15,180.00	61.00	8,418.00
16. Applying pavement markings	Aggregate Sum		9,500.00		18,000.00		6,500.00
17. Furnishing traffic control	Aggregate Sum		70,000.00		195,000.00		68,930.00
18. Furnishing & installing polyethylene encasement for any size D.I. pipe, fitting or valve, if ordered by the Engineer	4,637 Lin. Ft. (Cont. Item)	1.20	5,564.40	1.50	6,955.50	1.00	4,637.00
19. Subtotal Total Amount items 1 through 18			$ 1,098,803.40		$ 1,353,657.50		* $ 1,389,259.00
20. Unforeseen conditions for minor construction changes, and for quantity adjustments, if ordered by the Engineer, the sum of 10% of the subtotal, Item 19, (.10) X (Subtotal, Item 19)	Allowance Account		109,880.34		135,365.75		* 138,925.90
TOTAL BID (Items 19 and 20)			$ 1,208,683.74		$ 1,489,023.25		* $ 1,528,184.90

*Revised due to error

NOTE: Ric-Man International and Regosa Engineering did not use the Revised Proposal Page 1A issued by Addendum #2.

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MIAMI-DADE COUNTY
CONTRACT AWARD RECOMMENDATION
CONSTRUCTION PROJECT

To: County Manager's Office **Date:** May 27, 2003

Project Title: Installation of 24-Inch Diameter Ductile Iron Force Main from Pump Station 416 to NW 177 Street and NW 75 Place, Contract No. S-740

Location: From Pump Station 416, located at 7301 NW 186 Street, to NW 177 Street and NW 75 Place, in Miami-Dade County, Florida

Commissioner and District Number: District 13, Natacha Seijas

Cost Estimate: $1,116,000

Recommended Amount of Contract: $992,199.67

Explanation: Originally, this contract award was presented at the April 15, 2003 Governmental Operations and Environment (GOE) Committee Meeting with a recommendation to award the contract to the second lowest bidder, Ocean Bay Construction, Inc., because the Department of Business Development (DBD) found the lowest bidder, United Engineering, not in compliance with the Community Small Business Enterprise Program. Since the April 15th GOE Committee Meeting, DBD has done further investigation and found United Engineering in compliance. Therefore, the Department is recommending award to the low bidder, United Engineering Corporation. The Department received nine bids for this project, ranging between $992,199.67 and $1,528,184.90. The four lowest bids are only 12% apart, showing strong competition.

Explanation: This project is an improvement to the infrastructure of a sewer system, and therefore, a ten percent (10%) Allowance Account is permissible, per Ordinance No. 00-65. This Allowance Account ($98,177.15) will be used by the Department for unforeseen conditions, construction changes, additional work or materials not covered by any proposal item, and for quantity adjustments.

Contract Period: 180 consecutive calendar days

Art in Public Places Contribution: Not Applicable

Community Small Business Enterprise Goal Approved And Achieved: 9% participation goal, in the Review Committee meeting of July 17, 2002. Achieved – 9.2%

Number of bids received: 9 (Tabulation Attached)

It is recommended that a Contract be awarded to:

Firm Name: United Engineering Corp.
Address: 405 SW 148 Ave., Suite No. 2, Davie, FL 33325

Explanation: (Description of need for project; details of project; explanation of bid).

The project consists of furnishing and installing all materials equipment and supplies to construct approximately 4,640 linear feet of 24-inch diameter ductile iron pipe and fittings sanitary sewer force main from Pump Station 416, located at approximately NW 186th Street and NW 72nd Avenue, to NW 177th Street and NW 75th Place, in Miami-Dade County, Florida.

The project includes the following: furnishing and installing 24-inch diameter ductile iron pipe and fittings; furnishing and installing flowable fill; furnishing and installing four 24-inch diameter plug valves; making a connection to an existing force main with a tapping sleeve and valve; constructing automatic air release

valve assemblies; cleaning and testing the mains; temporary and permanent pavement repairs, including full pavement width surface overlay; traffic control; and all other appurtenant and miscellaneous items and work for a complete project.

It is the intent of the Department to obtain a complete functional, and satisfactory installation under this project, therefore, any items of labor, equipment or materials which may be reasonably assumed as necessary to accomplish this end shall be supplied whether or not they are specifically shown on the Plans or stated in the Specifications. The Contractor shall provide all sheeting, shoring, bracing and all other labor, material or equipment required to preclude damage to, or loss of functionality of, any existing facility or system.

Signature: _____
Director, Miami-Dade Water and Sewer Department

APPROVED BUDGET CERTIFICATION FUNDS AVAILABLE

5/28/03

By: _____
Construction Contracts Section

By: _____
Assistant Director