



ADDENDUM No. 4

DECEMBER 1, 2021

Solicitation Title: **FURNISH AND INSTALL 8-INCH, 10-INCH, 12-INCH DIP FORCE MAIN
IN NW 12th AVENUE FROM NW 95th STREET TO NW 125th STREET**

Solicitation No.: **IFB 58-20-21** Due Date: **FRIDAY, DECEMBER 10, 2021
BY NO LATER THAN 3:30 PM**

Attention all potential bidders:

MUST Addendum: Read carefully and follow all instructions. Information included in this Addendum will have a material impact on the submittal for this solicitation. All "MUST" addenda are considered a matter of responsiveness. "MUST" addenda must be acknowledged on Form "A-5". Failure of a Submitter to acknowledge the addenda shall be cause for rejection of the bid.

Note: Please be advised that the opportunity to submit questions and/or requests for clarifications regarding this Solicitation is solely for the purpose of clarifying the scope of services, eligibility criteria, performance requirements and procedural matters related to the selection, award and expectations of the City for this contract.

To all prospective bidders, please note the following changes and clarifications:

1. The Bid Form is replaced with the **(REVISED) BID FORM** included as **ATTACHMENT "A"** of this addendum. **Respondents must use the (REVISED) BID FORM as part of their bid submittal in order to be considered responsive.**
2. Section 00300 Bid Form is replaced with Section 00300 **(REVISED) Bid Form** included as **ATTACHMENT "B"** of this addendum. **Respondents must use the revised Section 00300 Bid Form as part of their bid submittal in order to be considered responsive.**
3. Section 01020 Measurement and Payment is replaced with Section 01020 **(REVISED) Measurement and Payment** included as **ATTACHMENT "C"** of this addendum. **Respondents must use the revised Section 01020 Measurement and Payment as part of their bid submittal in order to be considered responsive.**
4. We have included WASD Standard Detail A1. **(Pavement Restoration Type V)** included as **Attachment "D"** This detail (Pavement Restoration Type V) should be when executing the milling and overlay component of the project.

Request for Information Questions/Clarification:

Q.1 Bid item no. 16 is for 1" thick milling of asphalt, so this will cover removal of the asphalt. However, there is not a corresponding bid item for asphalt overlay to replace this asphalt that is being removed via item no. 16. Please add bid item for 1" thick asphalt overlay.

A.1 We have reviewed the request. The line item for 1" thick cold milling of asphaltic concrete is bid item no. 17. We have modified the language for bid item no. 17 to read "for nominal 1" thick cold mill and overlay of asphaltic concrete". We have included a revised bid tabulation form, measurement and payment, and we have included WASD standard detail A1.1 (Pavement Restoration Type V). This detail (Pavement Restoration Type V) should be when executing the milling and overlay component of the project.

Additionally, we verified the quantities for bid items 13 through 17, and we have made adjustments.

All other terms, conditions and specifications remain unchanged for this solicitation.

End of Addendum



Attachment "A"

(Revised)

Bid Form



(REVISED) BID FORM

FURNISH AND INSTALL 8-INCH, 10-INCH, 12-INCH DIP FORCE MAIN IN NW 12th AVENUE FROM NW 95th STREET TO NW 125th STREET

IFB NO. 58-20-21

The prices listed below shall include the total cost to complete the Services including but not limited to materials, labor, equipment, bonds, insurances, purchasing & installation and all other associated costs, etc., as necessary to ensure proper delivery of Services and/or products requested by the City of North Miami.

Please be advised that Bidders shall be responsible for submitting a total bid price for a complete project in accordance with the plans, specifications and all other requirements contained in this Solicitation.

FURNISH & INSTALL 8, 10, 12-INCH FORCE MAIN IN NW 12th AVENUE FROM NW 95th STREET TO NW 125th STREET					
Item No.	Description	Quantity	Unit	Unit Price	Total
DIVISION 1. General Requirements (Division 1 cannot exceed 5% of total)					
	Mobilization, Demobilization and Clean Up	1	LS	\$	\$
	Permits, Insurance, Bond,	1	LS	\$	\$
	Field Engineering, Layout, as-built survey	1	LS	\$	\$
	Indemnification Allowance	1	LS	\$	\$
1	SUBTOTAL DIVISION				\$
DIVISION 2. Sitework / Civil Engineering Work					
2	Furnish and Install 4" or 6" D.I. Pipe & Fittings	160	LF	\$	\$
3	Furnish and Install 8" D.I. Pipe & Fittings	248	LF	\$	\$
4	Furnish 10" D.I. Pipe & Fittings	8,342	LF	\$	\$
5	Furnish 12" D.I. Pipe & Fittings	1,549	LF	\$	\$
6	Furnish and Install Manual Air Release Valve Assembly complete	5	EA	\$	\$
7	For making connection to an existing 8" and 16" sewage force main including furnishing & installing 8"x8" and 12"x16" Tapping Sleeve & 8" and 12" Tapping Valve	2	EA	\$	\$
8	For making connections to existing force main	13	EA	\$	\$
9	Decommissioning and Capping Existing Force Main	20	EA	\$	\$

9A	For fillin abandoned existing force main with grout within the FDOT ROW	35	CY	\$	\$
10	Removal, transport and legal disposal of debris, including tipping fees, of unsuitable material not shown on the plans and required for construction on the work as ordered by the Engineer	300	CY	\$	\$
11	Removing existing AC pipe and appurtenances to include wrapping, documentation and legal disposal	150	LF	\$	\$
Subtotal Water (items 2 to 11 inclusive)					\$
Paving and other Roadway Work					
12	For replacement of pavement markings damaged, removed, or obliterated by the contractor's operation		Aggr. Sum		\$
13	For constructing limerock base for Type "I" permanent paving repairs	6,000	SY	\$	\$
14	For constructing limerock base for Type "II" permanent paving repairs	350	SY	\$	\$
15	For constructing Type I permanent paving repairs	6,000	SY	\$	\$
16	For constructing Type II permanent paving repairs	350	SY	\$	\$
17	For nominal 1" thick cold mill and overlay of asphaltic concrete	20,750	SY	\$	\$
18	Furnishing and installing detectable warning surface, FDOT Standards Detail Index 304 to existing curb ramp at intersections as directed by Engineer	1	EA	\$	\$
19	Sodding restoration to match existing	125	SY	\$	\$
Subtotal Paving & Roadway Work (Items 12 to 19 inclusive)					\$
DIVISION 3. CONCRETE					
20	For constructing pedestrian curb ramp restoration and furnish and install detectable warning surface per FDOT	1	EA	\$	\$
21	For constructing concrete curb and gutter restoration to match existing	50	LF	\$	\$
22	Furnishing materials, labor, equipment to replace concrete sidewalks, driveways to match existing damaged during construction, complete	1	SY	\$	\$

23	For constructing an 8-inch-thick reinforced concrete slab for pipe protection at locations with less than 30 inches of ground cover, if ordered by the Engineer, complete	27	SY	\$	\$
Subtotal Division 3 (Items 20 to 23 inclusive)					\$
24	Owner's Contingency / Allowance		Aggr. Sum	Allowance Acct.	\$50,000.00
TOTAL BID (SUM OF BID ITEMS 1 THROUGH 24)					
Written Total: _____					\$ _____

**AMOUNT SHALL BE SHOWN IN BOTH, WORDS AND FIGURES.
IN CASE OF DISCREPANCIES, THE AMOUNT SHOWN IN WORDS SHALL GOVERN.**

NOTES:

- Respondent(s), individual, partnership, corporation or association responding to this Solicitation certifies that all statements made in this document are true and correct to the best of their knowledge. Moreover, the Respondent(s) agrees to hold this offer open for a period of ninety (90) days from Bid Opening.
- Respondent(s) understand and agree to be bound by the conditions included in this Solicitation and shall comply with all requirements contained therein.

Company Name

Authorized Company Representative (Print Name)

Title:

Authorized Company Representative (Signature)

Date:



Attachment "B"

Section 00300

Bid Form

SECTION 00300 - BID FORMS

BID TO: The City of North Miami
776 NE 125th Street
North Miami, FL 33161

1. The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with the OWNER in the form included in the Contract Documents (as defined in Article 6 of the Agreement) to perform the Work as specified or indicated in said Contract Documents entitled: **City of North Miami, Public Works Department- Furnish and Install 8", 10", 12" DIP FM in NW 12th Ave. from NW 95th St. to NW 125th St. – Bid Set No. RFQ 38-09-10.**

2. Bidder accepts all of the terms and conditions of the Contract Documents, including without limitation those in the Notice Inviting Bids and Instructions to Bidders, dealing with the disposition of the Bid Security.

3. This Bid will remain open for the period stated in the "Notice Inviting Bids" unless otherwise required by law. Bidder will enter into an Agreement within the time and in the manner required in the "Notice Inviting Bids" and the "Instructions to Bidders", and will furnish the insurance certificates, Payment Bond, and Performance Bond required by the Contract Documents prior to Bid Award, and within the time frame indicated by City.

4. Bidder has examined copies of all the Contract Documents including the following addenda (receipt of all of which is hereby acknowledged):

Number	_____	Date	_____
	_____		_____
	_____		_____
	_____		_____

5. Bidder has familiarized itself with the nature and extent of the Contract Documents, Work, site, locality where the Work is to be performed, the legal requirements (federal, state and local laws, ordinances, rules, and regulations), and the conditions affecting cost, progress or performance of the Work and has made such independent investigations as Bidder deems necessary.

6. This Bid is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid; Bidder has not solicited or induced any person, firm or corporation to refrain from bidding; and Bidder has not sought by collusion to obtain for itself any advantage over any other Bidder or over OWNER.

City of North Miami

11/30/2021

City of North Miami
Public Works Department
Furnish and Install 8", 10", 12" DIP FM in
NW 12th AVE from NW 95th ST to NW 125th ST
Addendum No. 4 – 11/30/2021

To all the foregoing, and including all Bid Schedule(s) and Information Required of Bidder contained in this Bid Form, said Bidder further agrees to complete the Work required under the Contract Documents within the Contract Time stipulated in said Contract Documents, and to accept in full payment therefore the Contract Price based on the Total Bid Price(s) named in the aforementioned Bidding Schedule(s).

All representations made by Bidder in this Bid are made under penalty of perjury.

DATED: _____

BIDDER: _____

BY: _____
(Signature)

TITLE: _____

Sworn to and subscribed to before me in
Miami-Dade County, Florida on the

_____ day of _____ 20_____

Notary Public, State of Florida-at-Large:

My Commission Expires:

City of North Miami, Public Works Department
Furnish and Install 10", 12" DIP FM in 12th Ave. from NW 95th St. to NW 125th St
SCHEDULE OF BID PRICES

PAY ITEM PER 01020		Quantity	Unit	Unit Costs	Cost
DIVISION 1. General Requirements (Division 1 cannot exceed 5% of total)					
	Mobilization, Demobilization and Final clean up	1	LS		
	Permits, Insurance, Bonds, Temporary office, etc.	1	LS		
	Field Engineering, layout, as-built survey	1	LS		
	Indemnification Allowance	1	LS	\$100.00	\$100.00
1	SUBTOTAL DIVISION 1				
DIVISION 2. Sitework / Civil Engineering Work					
2	Furnish and Install 4" or 6" D.I. Pipe & Fittings	160	LF		
3	Furnish and Install 8" D.I. Pipe & Fitting	248	LF		
4	Furnish and Install 10" D.I. Pipe & Fitting	8,342	LF		
5	Furnish and Install 12" D.I. Pipe & Fittings	1,549	LF		
6	Furnish and Install Manual Air Release Valve Assembly complete	5	EA		
7	For making connection to an existing 8" and 16" sewage force main including furnishing & installing 8"x8" and 12"x16" Tapping Sleeve & 8" and 12" Tapping Valve	2	EA		
8	For making connections to existing force main	13	EA		
9	Decommissioning and Capping Existing Force Main	20	EA		
9A	For filling abandoned existing force main with grout within the FDOT ROW	35	CY		
10	Removal, transport and legal disposal of debris, including tipping fees, of unsuitable material not shown on the plans and required for construction on the work as ordered by the Engineer	300	CY		
11	Removing existing AC pipe and appurtenances to include wrapping, documentation and legal disposal	150	LF		
	Subtotal Water (Items 2 to 11 inclusive)				
Paving and other Roadway Work					
12	For replacement of pavement markings damaged, removed, or obliterated by the contractor's operation		Aggr. Sum		
13	For constructing limerock base for Type "I" permanent paving repairs	6,000	SY		
14	For constructing limerock base for Type "II" permanent paving repairs	350	SY		
15	For constructing Type I permanent paving repairs	6,000	SY		

City of North Miami

11/30/2021

City of North Miami
Public Works Department
Furnish and Install 8", 10", 12" DIP FM in
NW 12th AVE from NW 95th ST to NW 125th ST
Addendum No. 4 – 11/30/2021

PAY ITEM PER 01020		Quantity	Unit	Unit Costs	Cost
16	For constructing Type II permanent paving repairs	350	SY		
17	For nominal 1" thick cold mill and overlay of asphaltic concrete, the price per square yard of	20,750	SY		
18	Furnishing and installing detectable warning surface, FDOT Standards Detail Index 304 to existing curb ramp at intersections as directed by Engineer	1	EA		
Subtotal Paving & Roadway Work (Items 12 to 18 inclusive)					
Landscaping					
19	Sodding restoration to match existing	125	SY		
Subtotal Sod/Landscaping Work (Item 19 inclusive)					
SUBTOTAL DIVISION 2 (Items 2 to 19 inclusive)					
DIVISION 3. CONCRETE					
20	For constructing pedestrian curb ramp restoration and furnish and install detectable warning surface per FDOT	1	EA		
21	For constructing concrete curb and gutter restoration to match existing	50	LF		
22	Furnishing materials, labor, equipment to replace concrete sidewalks, driveways to match existing damaged during construction, complete	1	SY		
23	For constructing 8-inch-thick reinforced concrete slab for pipe protection at locations with less than 30-Inches of ground cover, if ordered by the Engineer, complete	27	SY		
Subtotal Division 3 (Item 20 to 23 inclusive)					
ALLOWANCES					
24	Contingency Allowance	1	LS	\$50,000	\$50,000
TOTAL BASE BID PRICE (BID ITEMS 1 THROUGH 24)					

(Dollars)

(WRITE AMOUNT IN WORDS)

**AMOUNT SHALL BE SHOWN IN BOTH, WORDS AND FIGURES.
IN CASE OF DISCREPANCIES, THE AMOUNT SHOWN IN WORDS SHALL GOVERN.**

Bidder acknowledges that included in the various items of the bid proposal and the TOTAL BASE BID PRICE are costs for complying with the Florida Trench Safety Act, F.S. 553.60 et. Seq. The Bidder by signing and submitting the trench Safety Act Compliance Statement is, in writing, assuring that it will

City of North Miami

11/30/2021

City of North Miami
Public Works Department
Furnish and Install 8", 10", 12" DIP FM in
NW 12th AVE from NW 95th ST to NW 125th ST
Addendum No. 4 – 11/30/2021

perform any trench excavation in accordance with applicable trench safety standards.

Contingency allowance included in bid prices is provided to cover costs of potential change orders due to unforeseen conditions as such, it shall not be spent unless change orders have been negotiated and approved by the Engineer of Record and the Owner.

BID FORM WORKSHEET DECLARATION

As Bidder, we propose to furnish all labor, materials, equipment, appurtenances and supplies necessary to complete the Project in accordance with the Contract Documents and Technical Special Provisions, for the **City of North Miami, Public Works Department- Furnish and Install 10", 12" DIP FM in NW 12th Ave. from NW 95th St. to NW 125th St.** for the total Amount as bid on the Bid Form.

We understand that the purpose of the Bid Worksheet is for bid balancing comparisons and use as a unit price for potential add/delete items. These worksheets must be completed in entirety and returned together with the sealed bids in order for the bid to be deemed complete and responsive and accepted by the City of North Miami.

We understand that the units that are listed may not be a complete list of units and are provided by the City of North Miami for informational purposes only. We further understand that the Project shall be completed for the total Lump Sum Bid Amount based on the Contract Documents and Technical Special Provisions unless otherwise modified in writing via a formal Contract Amendment and/or Change Order.

We understand that the Bid Worksheets in no way includes all the specific items found in the Contract Documents and Technical Special Provisions, nor represents all the parts of the Project required by this contract.

Bidder (Firm's Name)

Authorized Person (Print or Type)

Title

Address

Telephone

Fax

Signature

Sworn to and subscribed to before me in
Miami-Dade County, Florida on the

_____ day of _____ 20_____

Notary Public, State of Florida-at-Large:

My Commission Expires: _____

City of North Miami

11/30/2021

City of North Miami
Public Works Department
Furnish and Install 8", 10", 12" DIP FM in
NW 12th AVE from NW 95th ST to NW 125th ST
Addendum No. 4 – 11/30/2021

ADDENDA PAGE

The below text is provided only as an example of the typical layout of an addendum page. (Delete header and this line from an actual Addendum)

Date of Issuance: _____

**CITY OF NORTH MIAMI
DEPARTMENT OF PURCHASING**

ADDENDUM NO. _____

for

City of North Miami, Public Works Department

Furnish and Install 8", 10", 12" DIP FM in NW 12th Ave. from NW 95th St. to NW 125th St

CITY BID NO. RFQ 38-09-10

Bidders are hereby notified that this Addendum shall be attached to and made part of the above named Bidding and Contract Documents issued for bids on _____, 2021.

The following items are issued to, add to, delete from, modify and clarify the Bidding and Contract Documents. These items shall have full force and effect as the Bidding and Contract Documents, and cost involved shall be included in the bid prices. Bids to be submitted on the specified bid date shall conform to the additions and revisions listed.

The Bidder shall acknowledge receipt of this Addendum by inserting its number and date on Page 00300-1, Item 4, of the Bid Form and by faxing a signed copy of this addendum to City of North Miami, Department of Purchasing (305-895-9886).

This addendum consists of ____ page(s).

SECTION 00030 – PUBLIC NOTICE:

The date of the Pre-Bid Conference shall be changed to _____. All other information shall remain the same.

NO OTHER CHANGES ARE REQUIRED. ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME EXCEPT AS PREVIOUSLY AMENDED.

ACKNOWLEDGEMENT OF RECEIPT OF ADDENDUM NO. _____ (PLEASE FAX TO: 305-891-1015)

AUTHORIZED SIGNATURE: _____

COMPANY NAME: _____

**INFORMATION REQUIRED OF BIDDER
LIST OF SUBCONTRACTORS:**

The Bidder shall list below the name and the location of the place of business of each subcontractor who will perform work or labor or render service to the prime contractor in or about the construction of the work or improvement, or a subcontractor licensed by the State who, under subcontract to the prime contractor, specially fabricates and installs a portion of the work or improvement according to detailed drawings contained in the plans and specifications, in an amount in excess of one-half of 1 percent of the prime contractor's total bid. The Bidder shall also list below the portion of the work, which will be done by each subcontractor under this Contract. The prime contractor shall list only one subcontractor for each portion as is defined by the prime contractor in its bid. The Bidder's attention is directed to the provisions of Paragraph entitled "Subcontract Limitations," of the Supplementary General Conditions which stipulates the percent of the Work to be performed with the Bidders' own forces. Failure to comply with this requirement will render the Bid non-responsive and may cause its rejection.

<u>Work to be Performed</u>	<u>Subcontract or License Number</u>	<u>Percent of Total Contract</u>	<u>Subcontractor's Name & Address</u>
1.			
2.			
3.			
4.			
5.			
6.			

Note: Attach additional sheets if required.

NAMED EQUIPMENT / MATERIAL SUPPLIER LIST:

The Contract Documents are based upon the equipment or products available from the suppliers listed below. Provisions are made in the Contract Documents for alternate suppliers in certain instances whose equipment or products may be deemed equivalent in quality (reference Article 6.4 of the General Conditions). However, the Bidder must indicate in its Bid which named supplier the Bidder intends to use (in the event an alternate is not accepted) for each item of equipment / material item listed on this form by circling one of the listed Suppliers below for each type of equipment / material noted. Should a Bidder fail to circle a named item in any category it hereby agrees to furnish the first supplier listed (denoted by the letter A). Should a Bidder circle more than one named item in any category it hereby agrees to furnish the first supplier circled.

In addition, where noted on the list, the Bidder must provide a price for the equipment / material item circled exclusive of installation cost. The value referenced is included in the Total Base Bid Price.

Where "or equal" is specified in the technical specifications, the Bidder may write in the proposed "or equal" Supplier name in the "OR EQUAL" SUPPLIER / MATERIAL SUPPLIER LIST, but it must nevertheless also circle one of the listed Suppliers below.

If the proposed "or equal" Supplier is not accepted by the ENGINEER, the Bidder must furnish the circled Supplier as noted above.

Equipment / Material Item

Supplier

_____	A. _____
	B. _____
_____	A. _____
	B. _____
_____	A. _____
	B. _____
_____	A. _____
	B. _____

"OR EQUAL" SUPPLIER / MATERIAL SUPPLIER LIST:

The Bidder proposes the following "or equal" Suppliers for the equipment or material categories so identified:

Equipment or Material Item	Specification Section	Alternate Supplier (list one only per item)
1. _____	_____	_____
2. _____	_____	_____
3. _____	_____	_____
4. _____	_____	_____
5. _____	_____	_____

The acceptance of equipment or materials by the proposed "or equal" Suppliers shall be at the sole discretion of the OWNER based on the SUBSTITUTES OR "OR EQUAL" ITEMS requirements of the General Conditions. Note that only one "or equal" Supplier may be proposed per Equipment or Material Item. In the event that the single proposed "or equal" item is not ultimately accepted by the OWNER, the CONTRACTOR shall furnish the named equipment / material item per the NAMED EQUIPMENT / MATERIAL SUPPLIER LIST.

BIDDER'S GENERAL INFORMATION:

The Bidder shall furnish the following information. Additional sheets shall be attached as required. Failure to complete Item Nos. 1, 3, and 8, will cause the bid to be non-responsive and may cause its rejection. In any event, no award will be made until all of the Bidder's General Information (i.e., items 1 through 8, inclusive) is delivered to the OWNER.

(1) CONTRACTOR's name and address:

(2) CONTRACTOR's telephone number: _____

(3) CONTRACTOR's license: Primary classification: _____

State License No. and Expiration Date: _____

Supplemental classification held, if any: _____

Name of Licensee, if different from (1) above: _____

(4) Name of person who inspected site of proposed Work for your firm:

Name: _____ Date of Inspection: _____

(5) Name, address, and telephone number of surety company and agent who will provide the required bonds on this contract: _____

(6) ATTACH TO THIS BID the experience resume of the person who will be designated chief construction superintendent or on-site construction manager.

(7) ATTACH TO THIS BID a financial statement, references, and other information, sufficiently comprehensive to permit an appraisal of CONTRACTOR's current financial condition.

(8) List three projects completed as of recent date, involving work of similar type and complexity:

<u>Project</u>	<u>Contract Price</u>	<u>Name, address and telephone number of OWNER</u>
1. _____	_____	_____
2. _____	_____	_____

3.

BID BOND

STATE OF _____)
) SS:
COUNTY OF _____)

KNOW ALL MEN BY THESE PRESENTS, that we, _____

_____, as principal, and _____

_____, as Surety, are held and firmly bound unto the City of North Miami, (hereinafter called "the City"), a municipal corporation of the State of Florida in the penal sum of _____

Dollars (\$_____), lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators and successors jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH that whereas the principal has submitted the accompanying bid, dated _____, 20__.

For: _____

NOW, THEREFORE,

- (a) if said bid shall be rejected, or
- (b) if said bid shall be accepted and the Principal shall properly execute and deliver to said City the appropriate Contract Documents, and shall in all respects fulfill all terms and conditions attributable to the acceptance of said bid,

Then this obligation shall be void. Otherwise, it shall remain in force and in effect, being expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall in no event exceed the amount of this obligation as herein stated.

The Surety, for value received, hereby agrees that the obligations of said Surety and/or its bond shall in no way be impaired or affected by any extension of time within which the City may accept such bid; and said Surety does hereby waive notice of any extension.

IN WITNESS HEREOF, the above bonded parties have executed this instrument under their several seals this _____ day of _____, 20__, the name and the corporate seal of each corporate party being hereto affixed and these presents being duly signed by its undersigned representative.

City of North Miami

11/30/2021

City of North Miami
Public Works Department
Furnish and Install 8", 10", 12" DIP FM in
NW 12th AVE from NW 95th ST to NW 125th ST
Addendum No. 4 – 11/30/2021

IN PRESENCE OF:

Witness

(SEAL)
(Individual or Partnership
Principal)

Witness

(Business Address)

(City, State, Zip)

(Business Phone)

ATTEST:

Secretary

(Corporate Principal)*

By: _____

(Title)

ATTEST:

Secretary
*Impress Corporate Seal

(Corporate Surety)*
By: _____

IMPORTANT: Surety companies executing bonds must appear on the Treasury Department's most current list (circular 570 as amended) and be authorized to transact business in the State of Florida.

PUBLIC ENTITY CRIMES

SWORN STATEMENT PURSUANT TO SECTION 287.133(3)(a), FLORIDA STATUTES ON PUBLIC ENTITY CRIMES

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.

1. This sworn statement is submitted to submitted _____
by _____
for _____
whose business address is _____

and (if applicable) its Federal Employer Identification Number (FEIN) is _____

(If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement:

2 I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or of the United States, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.

3 I understand that "convicted" or "conviction" as defined in Paragraph 283.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

4 I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes means:

1. A predecessor or successor of a person convicted of a public entity crime; or
2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has

been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

5 I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

6. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement (Indicate which statement applies).

___ Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

___ The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

___ The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida, Division of Administrative Hearings and the Final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list (Attach a copy of the final order).

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 (ONE) ABOVE IS FOR THAT PUBLIC ENTITY ONLY AND, THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES FOR CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.

Sworn to and subscribed before me this _____ day of _____, 20__.

Personally known _____

OR Produced Identification _____
Notary Public, State of Florida-At-Large

_____ My commission expires _____

(Printed typed or stamped)

City of North Miami
11/30/2021
City of North Miami
Public Works Department
Furnish and Install 8", 10", 12" DIP FM in
NW 12th AVE from NW 95th ST to NW 125th ST
Addendum No. 4 – 11/30/2021

Commissioned name of notary public)

City of North Miami

11/30/2021

City of North Miami
Public Works Department
Furnish and Install 8", 10", 12" DIP FM in
NW 12th AVE from NW 95th ST to NW 125th ST
Addendum No. 4 – 11/30/2021

TRENCH SAFETY ACT COMPLIANCE STATEMENT

Project Name: **City of North Miami, Public Works Department- Furnish and Install 10", 12" DIP FM in NW 12th Ave. from NW 95th St. to NW 125th St.**

Project Number: **City Bid No. RFQ 38-09-10**

Project Location: **Work is located in the street segments as shown in sheet G4 – Key Sheet of the Drawing Set, and is along NW 12th Ave. between NW 95th St. and NW 125th St, in Miami-Dade, Florida.**

Instructions:

Chapter 90-96 of the Laws of Florida requires all contractors engaged by the City of North Miami, Florida to comply with Occupational Safety and Health Administration Standard 29 C.F.R.s. 1926.650 Subpart P. All prospective contractors are required to sign the compliance statement and provide compliance cost information where indicated below. The costs for complying with the Trench Safety Act must be incorporated into this project's base bid as shown on page 1 of this document.

Certify this form in the presence of a notary public or other officer authorized to administer oaths.

CERTIFICATION

1. I understand that Chapter 90-96 of the Laws of Florida (The Trench Safety Act) requires me to comply with OSHA Standard, Standard 29 C.F.R.s. 1926.650 Subpart P. I will comply with the Trench Safety Act, and I will design and provide safety systems at all trench excavations in excess of five feet in depth for this project.

2. The estimated cost imposed by compliance with the Trench Safety Act will be:

_____ Dollars \$ _____
(Written) (Figures)

3. The amount listed above has been included within the Base Bid as listed on this Proposal Form.

Certified: _____
(Company Contractor)

By: _____
(President/ Principal's Signature)

(President/ Principal's Type or Print Name)

Sworn to and subscribed to before me in Miami-Dade County, Florida on the _____ day of _____, 20____.

Notary Public, State of Florida-at-Large: _____

My Commission Expires: _____

City of North Miami

11/30/2021

City of North Miami
Public Works Department
Furnish and Install 8", 10", 12" DIP FM in
NW 12th AVE from NW 95th ST to NW 125th ST
Addendum No. 4 – 11/30/2021

NON-COLLUSIVE AFFIDAVIT

STATE OF _____)
) SS:
COUNTY OF _____)

_____ being first duly sworn, deposes and says that:

- (1) He/she is the, (Owner, Partner, Officer, Representative or Agent) of _____ the Bidder that has submitted the attached Bid;
- (2) He/she is fully informed respecting the preparation and contents of the attached Bid and of all pertinent circumstances respecting such Bid;
- (3) Such Bid is genuine and is not a collusive or sham Bid;
- (4) Neither the said Bidder nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affidavit, have in any way colluded, conspired, connived or agreed, directly or indirectly, with any other Bidder, firm, or person to submit a collusive or sham Bid in connection with the Work for which the attached Bid has been submitted; or to refrain from bidding in connection with such Work; or have in any manner, directly or indirectly, sought by agreement or collusion, or communication, or conference with any Bidder, firm, or person to fix the price or prices in the attached Bid or of any other Bidder, or to fix any overhead, profit, or cost elements of the Bid price or the Bid price of any other Bidder, or to secure through any collusion, conspiracy, connivance, or unlawful agreement any advantage against (Recipient), or any person interested in the proposed Work;
- (5) The price or prices quoted in the attached Bid are fair and proper and are not tainted by any collusion, conspiracy, connivance, or unlawful agreement on the part of the Bidder or any other of its agents, representatives, owners, employees or parties in interest, including this affidavit.

DRUG FREE WORKPLACE (Tie Bid Form)
FLORIDA STATE STATUTE 287.087

Identical Tie Bids: Preference shall be given to business with drug-free workplace programs. Whenever two or more bids, which are equal with respect to price, quality, and service are received by the State or by any political subdivision for the purchasing of commodities or contractual services, a bid received from a business that certifies that it has implemented a drug-free workplace program shall be given preference in the award process. Established procedures for processing tie bids will be followed if none of the tied vendors have a drug-free workplace program. In order to have a drug-free workplace program, a business shall:

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under Bid a copy of the statement specified in subsection (1).
4. In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under Bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.
6. Make a good faith effort to continue to maintain a drug-free workplace through the implementation of this section.

As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.

Bidder's Signature

Date

City of North Miami

11/30/2021

City of North Miami
Public Works Department
Furnish and Install 8", 10", 12" DIP FM in
NW 12th AVE from NW 95th ST to NW 125th ST
Addendum No. 4 – 11/30/2021

NON-DISCRIMINATION AFFIDAVIT

I, the undersigned, hereby duly sworn, depose and say that the organization, business or entity represented herein shall not discriminate against any person in its operations, activities or delivery of services under any agreement it enters into with the City of North Miami. The same shall affirmatively comply with all applicable provisions of federal, state and local equal employment laws and shall not engage in or commit any discriminatory practice against any person based on race, age, religion, color, gender, sexual orientation, national origin, marital status, physical or mental disability, political affiliation or any other factor which cannot be lawfully used as a basis for service delivery.

By: _____

Title: _____

Sworn and subscribed before me this

_____ day of _____, 20_____

Notary Public, State of Florida

(Printed Name)

My commission expires: _____

**FAILURE TO COMPLETE, SIGN AND RETURN THIS FORM
MAY DEEM YOUR BID NON-RESPONSIVE
BUSINESS/VENDOR PROFILE SURVEY**

Name of Business: _____

Address: _____

Phone No.: _____

Contact Person (Regarding This Form): _____

Type of Business (check the appropriate type):

- CONSTRUCTION SERVICES** - Firms involved in the process of building, altering, repairing, improving or demolishing any structure, building or real property.
- ARCHITECTURE AND ENGINEERING (A&E) SERVICES** - Firms involved in architectural design, engineering services, inspections and environmental consulting (materials and soil testing) and surveying.
- PROFESSIONAL SERVICES** - Includes those services that require special licensing, educational degrees, and unusually highly specialized expertise.
- BUSINESS SERVICES** - Involves any services that are labor intensive and not a construction related or professional service.
- COMMODITIES** - Includes all tangible personal property services, including equipment, leases of equipment, printing, food, building materials, office supplies.

A **Small Disadvantaged Business Enterprise (SDBE)** is defined as a small business concern that is at least fifty-one (51) percent beneficially owned and which is routinely managed by one or more of the following (Please identify your respective SDBE category):

African-American _____ **Hispanic** _____ **Asian-Indian American** _____

Asian-Pacific American _____ **Native American** _____

Any Woman not included among the aforementioned categories _____

Note: If a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Foreign person. If you are a foreign person, use the appropriate Form W-8 (see Pub. 515, Withholding of Tax on Nonresident Aliens and Foreign Entities).

3. The article number (or location) in the tax treaty that contains the saving clause and its exceptions.

4. The type and amount of income that qualifies for the exemption from tax.

5. Sufficient facts to justify the exemption from tax under the terms of the treaty article.



Attachment "C"

(Revised)

Measurement and Payment

SECTION 01020 MEASUREMENT AND PAYMENT

PART 1 - GENERAL

1.01 **SCOPE:** Payments for the various items in the Bid Schedule, as further specified herein, shall include all compensation to be received by the Contractor for furnishing all tools, equipment, supplies, consumables and manufactured articles, and for all labor, operations and incidentals appurtenant to the items of work being described, as necessary to complete the various items of the work all in accordance with the requirements of the Contract Documents, including all appurtenances thereto, and including all costs of compliance with regulations of public agencies having jurisdiction, including Safety and Health Requirements of the Occupational Safety and Health Administration of the U.S. Department of Labor. No separate payments will be made for any item that is not specifically set forth in the Bid Schedule, and all costs therefore shall be included in prices named in the Bid Schedule for various appurtenant items of work.

- A. The following explanation of the Measurement and Payment for the Bid Schedule items is provided; however, the omission of reference to any item shall not alter the intent of the Bid Schedule or relieve the CONTRACTOR of the necessity of constructing a complete project under this Contract.
- B. The quantities set forth in the Bid Schedule are approximate and are given to establish a uniform basis for the comparison of bids. The OWNER reserves the right to increase or decrease the quantity of any item or portion of the work during the progress of construction in accordance with the terms of the Contract.
- C. Unit prices are used as a means for computing the bid, for Contract purposes, for periodic payments, and for determining the value of additions or deletions.
- D. Payment shall be made for the items listed on the Bid Forms on the basis of the work actually performed and completed. No payment to be made for materials stored on site or elsewhere. Payment for completed work is including but not limited to, the furnishing of all necessary labor, materials, equipment, tools, transportation, delivery, disposal of waste and surplus material, backfilling, and site restoration as shown in the plans, and all other appurtenances to complete the construction and installation of the work as shown on the drawings and described in the specifications. If any item of work, process, equipment or material is not specifically listed in the unit price bid item schedule of values, the CONTRACTOR shall include and provide said work, process, equipment or material of the best quality workmanship appropriate for the intended use at no additional cost.

1.02 ESTIMATED QUANTITIES

- A. Where quantities are shown, they are approximate and are given only as a basis of calculation upon which the award of the contract is to be made. OWNER or ENGINEER do not assume any responsibility for the final quantities, nor shall CONTRACTOR claim misunderstanding because of such estimate of quantities. Final payment will be made only for the satisfactorily completed quantity of each item.

City of North Miami

11/30/2021

City of North Miami
Public Works Department
Furnish and Install 8", 10", 12" DIP FM in
NW 12th AVE from NW 95th ST to NW 125th ST
Addendum No. 3 – 11/17/2021

- B. The ENGINEER'S estimated quantities for unit bid prices, as listed in the Bid Form, are approximate only and are included solely for the purpose of comparison of Bids. OWNER does not expressly or by implication agree that the nature of the materials encountered below the surface of the ground or the actual quantities of material encountered or required will correspond therewith and reserves the right to increase or decrease any quantity or to eliminate any quantity as OWNER may deem necessary. CONTRACTOR will not be entitled to any adjustment in a unit bid price as a result of any change in an estimated quantity and agrees to accept the aforesaid unit bid prices as complete and total compensation for any additions or deductions caused by a variation in quantities as a result of more accurate measurement, or by any changes or alterations in the Work ordered by OWNER, and for use in the computation of the value of the Work performed for progress payments.

1.03 MEASUREMENT STANDARDS

- A. All work completed under the Contract shall be measured according to United States Standard Methods.

1.04 METHOD OF MEASUREMENT AND PAYMENT

- A. **Lump Sum Items:** Where payment is to be made on a lump sum basis, no separate payment will be made for any item of work required to complete the lump sum item.
- B. **Unit Price Items:** Where payment is to be made on a unit price basis, separate payment will be made for the items of work described herein, and listed on the Bid Schedule. Any related work not specifically listed, but required for satisfactory completion of the Work, shall be considered to be included in the scope of the appropriate listed work items.
- C. **Measurement of Length:** Unless otherwise specified for the particular items involved, all measurements of distance for items to be paid for on the basis of length shall be taken horizontally or vertically.
- D. **Measurement of Area:** In the measurement of items paid for on the basis of area of finished work, the lengths and/or widths to be used in the calculations shall be the actual dimensions measured along the surface of the completed work within the neat lines shown or designated. At intersections, the measurement used for length of side area will be measured from the outside edge of the width allowed along the main trench.
- E. **Failed Testing:** No additional payment will be allowed due to failed tests, generating additional work from the contractor. Contractor shall correct the substandard condition and restore area to final condition at his own expense. The City may back charge the contractor, via a change order, for re-inspection expenses due to failed tests due to the negligence of the contractor.

1.05 **BASIS FOR PAYMENTS:** The various items of Work will be paid for in the unit-amounts per work item times units completed and accepted by Owner of work items listed in the Bid Form as included in Section 00300. The sum of all separate payments shall not exceed the contract price.

A. **Bid Item / Unit**

Item 1:

Mobilization/Demobilization/Permits/Bonds/Insurance/Field Eng., Etc. / LS: This item shall cover the costs for all necessary insurance, bonds and permits the Contractor must secure; the costs for making available on the work site the necessary temporary facilities and the necessary personnel, supplies, tools and equipment to perform the work (heavy construction equipment, hand tools, storage, lay-down yards, temporary and/or portable power supply, barricades, fence and safety equipment, and all other items necessary to start the work); submittal of all required documentation, such as insurance certificates and bonds; posting OSHA required notices and establishment of safety programs; notifications to the affected public; Contractor's superintendent on site full-time. Demobilization shall be included in this item and shall be part of 'substantial completion' and includes the removal of all tools and equipment from site, the removal of all temporary facilities, the restoration of those areas to original or better conditions that were used for temporary facilities. No additional payments will be made for mobilization and demobilization activities due to shutdowns, suspension of work, or other mobilization requirements.

1. **Mobilization/Demobilization/Permits/Bonds/Insurance/Field Eng., Etc. / LS:**
Measurement for payment shall be based on the completion of the mobilization and all other Division 1 items, as described, to the satisfaction of the City and shall not be more than 5% of the Total Bid. The lump sum amount for this bid item shall be distributed as follows: 60% at the completion of mobilization requirements and 40% at substantial completion of the work.

Items 2, 3, 4, and 5:

Furnish and Install 4", 6", 8", 10", and 12" Piping / LF: This item shall be measured as LF of the horizontal projection along the center line of the pipe installed, and shall include the cost of providing the pipe and fittings on site, proper storage and protection on site, installation; disposal of debris, waste and refuse; preparing, obtaining approval and providing maintenance of traffic (MOT) and traffic control; furnishing, installation and removal of fill and flush connections for filling mains; hydrostatic testing, cleaning, and flushing; identification tape; the cost of trenching [including 1): sheeting, shoring, bracing, dewatering, and any measures associated with dewatering, such as turbidity barriers and sediment control; 2): additional excavation necessary for crossings under existing utilities]; backfill (including flowable fill if so directed by the City), Type B Bedding per Trenching restoration Detail, removal and hauling of additional suitable backfill material if required, compaction and density testing; the cost of polyethylene encasement of 40 LF of pipe at all gas crossings; the cost of temporary pavement over the trench, including removal of existing asphalt and temporary asphalt; the cost of placing, maintaining and removing the necessary barricades and fencing for public

safety. Soft digs, test pits, exploratory digging and restoration for existing utilities, repairs to damaged existing utilities, repairs to irrigation systems, and driveway and sidewalk restoration shall be included in these pay items. Silt fence, erosion control measures, fittings, pipe lubricant, connection couplings, adaptors, reducers, gaskets, joint restraints (also those additional fittings, gaskets, joint restraints necessary for crossings of existing utilities); temporary plugs and caps and all other consumables, appurtenances and incidentals as shown on the plans and specifications and/or necessary for a complete and operational water distribution system shall be included in the unit price for this pay item.

2. Furnish and Install 4" and 6" DIP / LF:

Measurement for payment shall be based on the completion of the horizontal projection of LF measured along the centerline, including fittings for 4" and 6" DIP.

3. Furnish and Install 8" DIP / LF:

Measurement for payment shall be based on the completion of the horizontal projection of LF measured along the centerline, including fittings for 8" DIP.

4. Furnish and Install 10" DIP / LF:

Measurement for payment shall be based on the completion of the horizontal projection of LF measured along the centerline, including fittings for 10" DIP.

5. Furnish and Install 12" DIP / LF:

Measurement for payment shall be based on the completion of the horizontal projection of LF measured along the centerline, including fittings for 12" DIP.

Item 6:

Furnish and Install Air Release Valves and Vaults / EA: The unit price for this item shall include the cost of the valve and vault, transportation to the site, storage and protection on-site and installation complete with 4'x4' precast reinforced concrete valve vault, vault coating, service saddle, 2" ball valve, cast iron frame and labeled cover, disposal of debris, waste and refuse, and all other components shown in the Miami-Dade WSD Standard Details and any other necessary items for a complete, installed and operational air release valve.

Measurement for payment shall be based on the completion of the number of Air Release Valves.

Item 7:

Furnish and Install Tapping Sleeves with Tapping Valves / EA: The unit price for this item shall include the cost of the tapping sleeve and tapping valve, transportation to the site, maintenance of traffic, storage and protection on-site, disposal of debris, waste and refuse. Installation including all labor, equipment, cranes, tapping rigs and consumables, complete with valve, riser, valve box, collar, mechanical restraints, reducers and all other appurtenances and incidentals necessary for a complete and operational installation; soft digs, exploratory excavation and restoration to determine location, type, size and condition of existing mains to be connected to; excavation (including sheeting, shoring, bracing, dewatering); backfill (including flowable fill if so

directed by the City) compaction and testing; sidewalk, driveway and surface restoration, whether it will be temporary pavement, permanent pavement, sodding / landscaping, etc. All cleaning, disinfecting and pressure testing required for these connections shall be included in this item.

Item 8:

Making Connection to Existing Sewage Force Main / EA: The unit price of this item shall include cutting and capping existing main, 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 connection, ready for service, and shall include, but not be limited to, under the supervision of City forces, and satisfactory work accepted by the Engineer; exploratory excavation to verify the main size; excavation; dewatering the excavation; sheeting and shoring when required for complying with the Trench Safety Act; cutting the existing main, removing section of existing pipe and connecting the proposed sewage force main to the existing main; furnishing and installing any required pipe, valves and fittings; installing solid sleeves; making thrust restrained joints; taking salvageable materials to the storage yard or to a location determined by the Engineer; installing plugs and caps on the existing main and placing it out of service; legal disposal of removed pipe and debris; furnishing all materials and equipment required to clean and test the connection; cleaning 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.

Measurement for payment shall be based on the completion of the number of connections.

Item 9:

Decommissioning and Capping Existing Force mains / EA: The unit price for this item includes all labor, equipment, coordination, materials and all other appurtenances and incidentals necessary to locate, cut, cap and decommission existing force mains as indicated on the Plans. **The existing main that will be abandoned shall be cut at or very close to the cross or Tee** where it emanates from the existing main that remains in service. Excavation (including sheeting, shoring, bracing, dewatering); location of existing force mains to be abandoned; backfill (including flowable fill if so directed by the City), removal and hauling of additional suitable backfill material if required, compaction and testing, sidewalk, driveway and pavement surface restoration, disposal of debris, waste and refuse, shall be included for this item. Maintenance of traffic and coordination with the City of North Miami and notification to the public of all necessary temporary force main shut downs shall be included in this item.

Measurement for payment shall be based on the completion of the number of decommissioned and capped force mains.

Item 10:

Transport and Legal Disposal of Debris / CY: The unit price for this item includes tipping fees, of unsuitable material not shown on the Plans and required for construction of the work, 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.

Measurement for payment shall be based on the percentage of completion of this lump sum item in the bid form.

Item 11:

Removing Existing Asbestos Cement Pipe (ACP) / LF: The unit price of this item includes wrapping, documentation, and legal disposal, will be paid for at the unit price bid times the number of feet removed and disposed. The price shall be full compensation for but not be limited to; excavating and exposing the existing asbestos cement pipe; complying with all applicable OSHA and EPA regulations; obtaining the services of a State of Florida Licensed Asbestos Contractor for all pipe handling; all personal protective equipment; special equipment and material not paid for under another bid item; utilizing special construction procedures due to the nature of the work in the specialized construction area; removing and transporting the asbestos cement pipe to an authorized and approved disposal site, including applicable tipping fees; Contractor testing of his own personnel; conformance with all local, state and federal regulations governing the work and safety of personnel under these specialized conditions of construction; and all other appurtenant and miscellaneous items and work for a complete and satisfactory installation.

Measurement for payment shall be based on the percentage of completion of this lump sum item in the bid form.

Item 12:

Striping and Pavement Markings / LS: This pay item shall include all the necessary pavement markings needed to be restored after pavement overlay. Striping shall be with thermoplastic paint and as required to restore original conditions, to meet requirements of the Manual on Uniform Traffic Control Devices, FDOT and as shown in the drawing details. Also included is maintenance of traffic and paint protection and reflective pavement markers (RPM's – yellow, white, blue and green), disposal of debris, and all any other related activities required to provide thermoplastic striping at all resurfaced streets in this contract.

Measurement for payment shall be based on the percentage of completion of this Lump Sum (LS) item as determined by the Engineer.

Items 13 and 14:

Limerock Base for Type I & Type II / SY: This pay item shall include permanent paving repairs required for trench restoration. 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 paved

driveway repairs will be paid for under this Item.
Measurement for payment shall be based on the percentage of completion of this Lump Sum (LS) item as determined by the Engineer.

Items 15 and 16:

Asphaltic Concrete Surface Course for Type I (2-inch thick) and Type II (3-inch thick) / SY: This pay item shall include all installed asphaltic concrete course installed and accepted, as measured along the main within the limits defined by Details on the Plans and/or the 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 concrete surface course for permanent paved driveway repairs will be paid for under this Item.

Measurement for payment shall be based on the percentage of completion of this Lump Sum (LS) item as determined by the Engineer.

Item 17:

Roadway Cold Mill and Overlay / LS: The cost for this pay item shall include all labor, equipment and materials necessary for milling a 1" thick and 2 feet wide strip at all connections to existing pavement. Also included are disposal of debris, the cost of MOTs, milling asphalt driveways damaged by construction activities; the cost for saw-cutting at all connections to existing pavement per feathering detail in the Contract Documents, and all any other related activities required for saw cutting and milling as required in this contract.

Measurement for payment shall be based on the percentage of completion of this Lump Sum (LS) item as determined by the Engineer.

Item 18:

Installing Detectable Warning Surface / EA: This pay item shall include the installation of detectable warning surfaces at existing pedestrian curb ramps per DOT Index #304 at intersection corners, will be paid for at the unit price bid each times the number of detectable warning surface ramps installed where directed by the Engineer. The price bid shall be full compensation for furnishing all labor, material and equipment for a complete functional and satisfactory installation. *Measurement for payment shall be based on the percentage of completion of this Lump Sum (LS) item as determined by the Engineer.*

Item 19:

Sodding Restoration / LS: This pay item includes all labor, equipment and materials for sodding, grading, topsoil, the preparation of the surface prior to placement of sod, close placement of sod, fertilizing, watering and other maintenance as specified herein and not included under other pay items. The total pay requests for this pay item shall not exceed the contractual amount for this pay item without prior written approval from the City. Sod restoration included in this pay item is the necessary to restore original conditions damaged due to construction operations. Sod damaged by contractor by

failing to excise care in the construction site shall be replaced by the contractor at his own expense.

Measurement for payment shall be based on the percentage of completion of the lump sum price in the bid form as determined by the Engineer.

Item 20:

Pedestrian Curb Ramps Restoration / EA: This pay item includes the restoration of all pedestrian curb ramps per DOT Index #304 at intersection corners, including furnishing and installing detectable warning surface at pedestrian curb ramps per same DOT Index, will be paid for at the unit price bid each times the number of curb ramps constructed, installed where directed by the Engineer. The price bid shall be full compensation for furnishing all labor, material and equipment for a complete functional and satisfactory installation.

Measurement for payment shall be based on the percentage of completion of the lump sum price in the bid form as determined by the Engineer.

Item 21:

Concrete Curb and Gutter Restoration / LF: This pay item includes the restoration of curb and gutter 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.

Measurement for payment shall be based on the percentage of completion of the lump sum price in the bid form as determined by the Engineer.

Item 22:

Concrete Sidewalk and Driveway Restoration / SY: This pay item includes the restoration of sidewalk and driveways 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.

Measurement for payment shall be based on the percentage of completion of the lump sum price in the bid form as determined by the Engineer.

Item 23:

Constructing, 8-inch Thick, Reinforced Concrete Slabs / SY: This pay item shall be used at locations with less than 30-inches of ground cover, will be paid for at the square yard bid times the number of square yards of slab installed, where directed by the Engineer. The price bid shall be full compensation for furnishing all labor, material and equipment for a complete functional and satisfactory installation as detailed in MD-WASD Standard Detail G.S 1.2, including but not limited to forming, curing protection and any other required activity for complete installation.

Measurement for payment shall be based on the percentage of completion of the lump sum price in the bid form as determined by the Engineer.

Item 24:

Contingency Allowance / LS: This pay item shall be used for changes and for unforeseen conditions in accordance with these specifications. Any payments through this pay item must be first approved via change order to the contract. Any amounts remaining in this pay item at the end of the contract will be kept by the owner.

Measurement for payment shall be based on the approval of change orders to the contract, payments shall be made as described in such change orders and as a percentage of completion of such work.

- 1.06 PAYMENTS: Shall be in accordance with the provisions of the GENERAL CONDITIONS. Invoices for the work completed for each payment period shall include construction photographs per Section 01380, laboratory test results for all tested work items in accordance with Section 01410, partial As-Built drawings and all other requirements as per Section 00630.

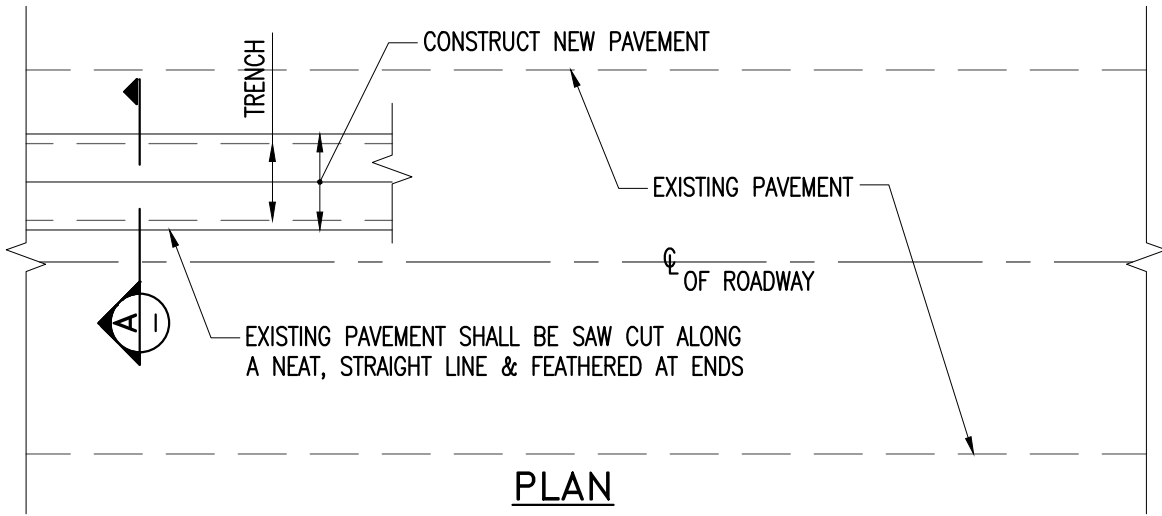
END OF SECTION



Attachment "D"

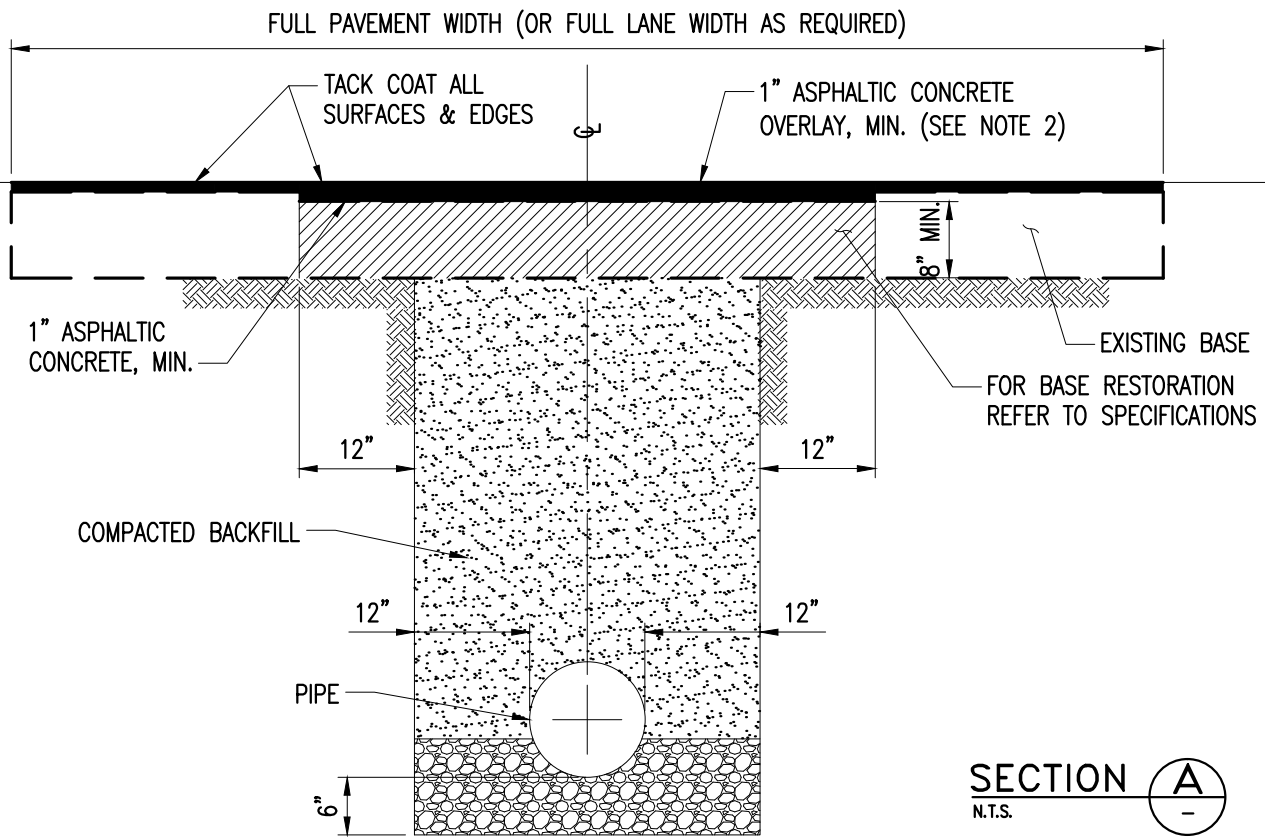
WASD

(Pavement Restoration Type V)



PLAN

N.T.S.



SECTION A
N.T.S.

NOTES:

1. UNLESS OTHERWISE SPECIFIED, ALL ASPHALTIC CONCRETE DRIVEWAYS OR OIL-SAND DRIVEWAYS SHALL BE REPLACED WITH TYPE I PAVEMENT RESTORATION. (REFER TO STANDARD DETAIL A 1.0).
2. FOR PAVEMENT RESTORATION, REFER TO F.D.O.T., MIAMI-DADE COUNTY PUBLIC WORKS OR SPECIFIC MUNICIPALITY STANDARDS.
3. FOR FDOT ROADS, MILL A MINIMUM OF 1½-INCH AND OVERLAY 1½-INCH WITH FRICTION COURSE 9.5 WITH RUBBER.
4. FOR MIAMI-DADE COUNTY ROADS, MILL 1-INCH AND OVERLAY 1-INCH.

ITEM	CROSS REF.	SPEC. REF.



ISSUE DATE	APPROVED BY
08/02/2013	J.B.F.

STANDARD DETAIL
**PAVEMENT RESTORATION
TYPE V**

A
1.1
SHEET 1 OF 1