



V Engineering

CITY OF HOLLYWOOD  
DEPARTMENT OF PUBLIC UTILITIES  
ENGINEERING AND CONSTRUCTION SERVICES DIVISION (ECSD)

SECTION 00030

NOTICE TO BIDDERS

**PROJECT NAME:** Water Main Replacement Program  
(N. 72<sup>nd</sup> Avenue to N. 76<sup>th</sup> Avenue from Polk Street to Johnson Street)

**PROJECT NUMBER:** 12-5116

NOTICE IS HEREBY GIVEN that the City Commission of the City of Hollywood, Florida, is advertising for sealed bids which shall be submitted to the City Clerk's Office (City Hall, 2600 Hollywood Blvd., Room 221) of the City of Hollywood, Florida, until 2:00 p.m., local time, April 10, 2014. On **April 10, 2014 at 2:30 p.m.** the bids will be opened and read publicly in the Department of Public Utilities, Engineering and Construction Services Division Conference Room at 1621 N. 14<sup>th</sup> Avenue, Building A, Hollywood, Florida.

**A mandatory pre-bid conference will be held on March 14, 2014 at 10:00 a.m., at the Southern Regional Wastewater Treatment Plant, located at 1621 N. 14<sup>th</sup> Avenue, Hollywood, Florida 33021, ECSD Conference Room.**

The Bid Package and Contract documents can be downloaded at:

<http://www.hollywoodfl.org/Bids.aspx?CatID=47&txtSort=Category&showAllBids=&Status=open>.

The Bid Package and Contract documents may also be obtained, upon request, at a cost of \$500.00 from the Department of Public Utilities - ECSD at 1621 North 14<sup>th</sup> Avenue in Hollywood. Technical assistance shall be submitted in writing to the Engineer, Clarissa Ip, P.E., [cip@hollywoodfl.org](mailto:cip@hollywoodfl.org).

Each bid must be accompanied by a Bid Security in an amount no less than ten percent (10%) of the bid amount. Said security shall be in the form of a Certified Check or Cashier's Check on a solvent National or State Bank, or a bid bond executed by the Bidder and a qualified Surety, satisfactory and payable to the City of Hollywood, Florida.

A Cone of Silence is in effect with respect to this bid. The Cone of Silence prohibits certain communications between potential vendors and the City. For further information, please refer to Section 30.15(E) of the City's Code of Ordinances.

The City of Hollywood is strongly committed to ensuring the participation of local Hollywood vendors in the procurement of goods and services. For additional information about the City's Local Preference Ordinance, visit [www.hollywoodfl.org](http://www.hollywoodfl.org).

**It will be the Bidder's sole responsibility to hand-deliver or mail his/her proposal to the City Clerk's Office at City Hall on or before the closing hour and date for the receipt of bids as noted above.**

The City Commission reserves the right to reject any or all bids, to waive informalities and to accept or reject all or any part of any bid, as they may deem to be in the best interest of the City of Hollywood, Florida.

**Dated this 3<sup>rd</sup> Day of March 2014**

CITY OF HOLLYWOOD, FLORIDA

*for*   
Jitendra Patel, P.E., Assistant Director  
Department of Public Utilities - ECSD

INSTRUCTIONS TO BIDDERS

**1. PREPARATION OF BIDS:**

Bids must be submitted on the separate and enclosed **BIDDING PACKAGE** forms, which shall be completed **by typewriter** or legibly handwritten in ink. The Bid price of each item on the form must be stated in words and numerals; in case of a conflict, words will take precedence. Where unit prices and extended totals are required, unit prices take precedence. Likewise, discrepancies between the indicated sum of any column of figures and the correct sum thereof will be resolved in favor of the correct sum.

If the Bid is made by an individual, he must sign his name therein and state his address. If the Bid is made by a firm or partnership, its name and address must be stated, as well as the name and address of each member of the firm or partnership. Bids by corporations must be signed by an authorized corporate officer (accompanied by evidence of authority to sign) and the corporate seal must be affixed and attested by the Secretary or an Assistant Secretary of the corporation. The corporate address and state of incorporation shall be shown below the signature. When the state of incorporation is other than Florida, proof of registry with Florida must be attached.

**2. RECEIPT AND OPENING OF BIDS:**

The separate **BIDDING PACKAGE** consisting of the PROPOSAL, PROPOSAL BID FORM, APPROVED BID BOND, TRENCH SAFETY FORM, INFORMATION REQUIRED FROM BIDDERS AND LIST OF SUBCONTRACTORS AND/OR MATERIAL SUPPLIERS shall be completed, signed and sealed as required and must be delivered in a sealed, opaque envelope, addressed to the City Clerk of Hollywood, Florida, by the time called for in the Notice to Bidders and shall be properly identified on the face thereof.

Proposals will be publicly opened and immediately read aloud at the time and place designated in the Notice to Bidders. No proposal will be considered which is not based upon these Drawings and Specifications, or which contains any letter or written memorandum qualifying the same, or which is not properly made out and signed in writing by the Bidder.

**3. PRE-BID CONFERENCE:**

A **mandatory** Pre-bid Conference will be held at the Southern Regional Wastewater Treatment Plant, Building A, 1621 N. 14<sup>th</sup> Avenue, Hollywood, Florida 33019, ECSD Conference Room, on **Friday March 14, 2014 at 10:00 AM**. All Contractors planning to submit a bid must attend the meeting.

**4. CONTRACT DOCUMENTS:**

The Contract Documents give the location and description of the work to be done under this Contract and estimated quantities of each item of work for which Bids are invited, the

INSTRUCTIONS TO BIDDERS

time in which the work must be completed, the amount of the Bid Guaranty, if any, and the date, time and place of the receipt and opening of the Bids.

**5. EXAMINATION OF CONTRACT DOCUMENTS AND SITE:**

The Bidder is required to carefully examine the site of the work and the Contract Documents for the work contemplated. It will be assumed that the Bidder has investigated and is fully informed as to the requirements of the Contract Documents, laws, ordinances, codes and any other factors which may affect the performance of the work. Failure to be so informed will not relieve a successful Bidder of his obligation to furnish all material, equipment and labor necessary to carry out the provision of the Contract Documents and to complete the contemplated work for the consideration set forth in his Bid.

**6. DIMENSIONS, QUANTITIES AND SUBSURFACE INFORMATION:**

Dimensions, quantities and subsurface information supplied by the City are in no way warranted to indicate true amounts or conditions. Bidders/Contractors shall neither plead misunderstanding or deception, nor make claims against the City if the actual amounts, conditions or dimensions do not conform to those stated. Any "Outside" reports made available by the Engineer are neither guaranteed as to accuracy or completeness, nor a part of the Contract Documents.

**7. ADDENDA - CHANGES WHILE BIDDING:**

During the Bidding period, Bidders may be furnished addenda or bulletins for additions or alterations to the Plans or Specifications which shall be included in the work covered by the Proposal.

Any prospective Bidder in doubt as to the meaning of any part of the Drawings, Specifications or other Contract Documents may submit a written request to the Engineer for an interpretation. The Bidder submitting the request will be responsible for its prompt delivery. Any interpretation of the documents will be made by an addendum and a copy of such addendum will be mailed or delivered to each prospective Bidder who has received a set of documents. The City will not be responsible for any other explanations or interpretations of the proposed documents. **ALL INQUIRES MUST BE RECEIVED, IN WRITING, BY THE CITY OF HOLLYWOOD NO LATER THAN 4:00 P.M. THURSDAY, MARCH 27, 2014. AN ADDENDUM WILL BE ISSUED ONE WEEK BEFORE BID DUE DATE.**

**8. BID GUARANTY:**

A Bid Guaranty in the form of a Cashier's Check, Certified Check or Bid Bond executed by the Bidder and a qualified Surety in the amount of **10%** of the Bid is required for this project in accordance with the Notice to Bidders.



INSTRUCTIONS TO BIDDERS

**9. TRENCH SAFETY FORM:**

The Trench Safety Form included in the Bid Documents must be completed and signed. Noncompliance with this requirement may invalidate the bid.

**10. QUALIFICATIONS AND DISQUALIFICATIONS OF BIDDERS:**

The Contract will be awarded only to a Bidder, who in the opinion of the Engineer, is fully qualified to undertake the work. The City reserves the right before awarding the Contract to require a Bidder to submit such evidence of his qualifications as it may deem necessary and may consider any available evidence of his financial status, technical qualifications and other qualifications and abilities. Any one of the following causes, among others, may be considered as sufficient justification to disqualify a Bidder and reject his Bid:

- A. Submission of more than one Bid for the same work by an individual, firm, partnership or corporation under the same or different names.
- B. Evidence of collusion.
- C. Previous participation in collusive Bidding on work for the City of Hollywood, Florida.
- D. Submission of an unbalanced Bid in which the prices Bid for some items are out of proportion to the prices Bid for other items.
- E. Lack of competency. The Engineer may declare any Bidder ineligible, at any time during the process or receiving Bids or awarding the Contract, if developments arise which, in his opinion, adversely affects the Bidder's responsibility. The Bidder will be given an opportunity, by the Engineer, to present additional evidence before final action is taken.

**As part of SECTION 00420, the Bidder:**

- 1. Must provide as part of their references a minimum of three (3) similar projects performed within the last seven (7) years. The projects must be similar in nature and size. Resumes of individuals (especially Superintendent) performing the work must be provided. The Bidder must also state their proposed project manager by name and a list a minimum of two (2) similar projects managed by him/her with references along with his/her resume. Each project must be under a different contract. Only Bidders including their project manager with the capabilities and experience on similar projects will be considered qualified for bid consideration. Judgment of 'similar projects' is at the sole discretion of the City and Engineer. The successful Bidder cannot replace their project manager without providing a suitable replacement which is determined under the sole discretion of the City.**
- 2. Must demonstrate extensive experience in public outreach.**



INSTRUCTIONS TO BIDDERS

**3. Must provide proof of equipment ownership.**

**4. Shall have current or recent CONTINUING contract with a local municipality to perform similar work.**

- F. Lack of responsibility as shown by past work judged by the Engineer from the standpoint of workmanship and progress.
- G. Uncompleted work for which the Bidder is committed by Contract, which is in the judgment of the Engineer, might hinder or prevent the prompt completion of work under this Contract.
- H. Being in arrears on any existing Contracts with the City, or any taxes, licenses or other monies due the City; in litigation with the City or having defaulted on a previous contract with the City.

**12. LIFE AND WITHDRAWAL OF BID:**

All Bids shall remain open for 90 days after the day of the Bid opening, however, the Engineer may, at his sole discretion, release any Bid and return the Bid Guaranty prior to that date. Any Bid may be modified or withdrawn prior to the time scheduled for the opening of Bids.

**13. REJECTION OF IRREGULAR BIDS:**

Bids will be considered irregular and may be rejected if they show omissions, alterations of form, additions not called for, conditions, limitations, unauthorized alternate Bids or other irregularities of any kind.

**14. BIDDING ERRORS:**

If after the opening of bids, a Bidder claims an error and requests to be relieved of the Award, or the Engineer believes that an error may have been made then, the Bidder shall present his work sheets and supplier quotations to the Engineer for verification. This information shall be presented on the same day as the bid opening or if the opening is in the afternoon then on the following business day. When the Engineer has suspected an error and requires the documents, Bidder's failure to produce them within the time specified shall make the Bidder non-responsive and thereby eligible for disqualification. Award may then be made to the next lowest responsive, responsible Bidder, or the work may be re-advertised or it may be performed by City forces, as the Commission desires.

INSTRUCTIONS TO BIDDERS

**15. AWARD OF CONTRACT:**

The City Commission reserves the right to reject any or all Bids, or any part of any Bid, to waive any informality in any Bid, or to re-advertise for all or any part of the work contemplated. If Bids are found to be acceptable by the City Commission, written notice of award will be given to the lowest responsive, responsible Bidder.

**16. EXECUTION OF CONTRACT:**

The Bidder to whom the Contract is awarded shall, within ten days of the date of award, execute and deliver three (3) copies of the following to the Engineer.

- A. The Contract
- B. Performance and Payment Bond
- C. Evidence of required Insurance
- D. Proof of authority to execute the Contract
- E. Proof of authority to execute the Bond on behalf of the Awardee
- F. List of Subcontractors, estimated Contract Value for each and proof that such subcontractors possess all required Federal, State, County and/or municipality licenses, including but not limited to certified of competency and occupational license

The above documents must be furnished, executed and delivered before the Contract will be executed by the City. The Contract shall not be binding upon the City until it has been executed by the City and a copy of such fully executed Contract is delivered to the Contractor.

**17. FAILURE TO EXECUTE CONTRACT, BID GUARANTY FORFEITED:**

Should the Bidder to whom the Contract has been awarded refuse or fail to complete the requirements of Article 16 above within ten (10) days after Notice of Award, the additional time in days (including weekends) required to CORRECTLY complete the documents will be deducted, in equal amount, from the Contract Time, or the City may elect to revoke the Award. In the same manner as Article 13, the Bid Guaranty of any Bidder failing to execute the awarded Contract shall be retained by the City and the Contract awarded as the Commission desires.

**18. GUARANTY OF FAITHFUL PERFORMANCE AND PAYMENT:**

A Performance Bond and a Payment Bond each equal to 100 percent of the total Bid will be required of the Awardee. The Bond must be written through a company licensed to do business in the State of Florida and be rated at least "A", Class X, in the latest edition of "Best's Key Rating Guide", published by A.M. Best Company. As per Florida Statute Section 255.05, the Contractor shall be required to record the payment and performance

INSTRUCTIONS TO BIDDERS

bonds in the public records of Broward County.

**19. INSURANCE:**

Bidder must satisfy all insurance requirements as set forth in the Supplementary and General Conditions.

**The insurance policy shall not contain any exceptions that would exclude coverage for risks that can be directly or reasonably related to the scope of goods or services in this bid/proposal. A violation of this requirement at any time during the term, or any extension thereof shall be grounds for the immediate termination of any contract entered in to pursuant to this bid/proposal. In order to show that this requirement has been met, along with an insurance declaration sheet demonstrating the existence of a valid policy of insurance meeting the requirements of this bid/proposal, the successful proposer must submit a signed statement from insurance agency of record that the full policy contains no such exception.**

**20. QUALIFICATIONS:**

At the time of submission of the bid, Bidder must possess, and be able to provide City, any and all required Federal, State, County and/or municipal licenses, including but not limited to certificates of competency and occupational licenses. Moreover, upon receipt of the Award of the Contract, Bidder must provide proof of valid licensing for all subcontractors and/or material suppliers hired by the Contractor as set forth in Article 16 above.

When the Bidder is a Joint Venture, in order to satisfy the construction licensing requirements one member of a Joint Venture must hold a valid state certificate as well as the appropriate county and city license. The Contractor shall be held responsible for assurance that all subcontractors and/or material suppliers hired by the Contractor have the appropriate state certificate and licenses.

**21. PERMITS:**

The Contractor and Subcontractors must obtain Building Permits required for all work covered under this Contract as well as any other permit required by any other regulatory agency. The Master and Subcontractor Building Permits required by the City shall be obtained and paid for by the Contractor. Any and all other permits required by the City, County, State of Florida, or any other regulatory agency shall be obtained and paid for by the Contractor.

The Contractor or Subcontractors shall also be responsible to call for all inspections as required in Section 105 (Inspections) of the latest edition of the Florida Building Code.

- END OF SECTION -



CONE OF SILENCE



**NOTICE OF IMPOSITION OF CONE OF SILENCE**

On **March 3, 2014** the City of Hollywood, Florida Department of Public Utilities issued the following:

Project No. **12-5116** for the **Water Main Replacement Program (N 72 Ave to N 76 Ave from Polk St to Johnson St)**

Project Scope: The work to be performed includes utility installation, pavement restoration and markings for the work associated with the replacement and upgrades of water mains and service connections.

Pursuant to Section 30.15(E) of the Code of Ordinances, a Cone of Silence has been imposed on the items set forth above. The Cone of Silence will continue until the City awards or approves a contract, votes to reject all bids or responses, or otherwise takes action which ends the solicitation. If the City Commission refers the item back to the City Manager and staff for further review, the Cone of Silence shall remain in effect until an award is made, a contract is approved, or the City Commission takes any other action which ends the solicitation.

Public Utilities Director

c: City Commission Office  
City Manager  
City Clerk (sunshine board)  
Affected department(s)/office(s)

- END OF SECTION -

PROPOSAL

TO THE MAYOR AND COMMISSIONERS  
CITY OF HOLLYWOOD, FLORIDA

SUBMITTED V ENGINEERING & CONSULTING CORP.

*See  
Add # 1*

Dear Mayor and Commissioners:

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

The BIDDER further declares that he has examined the site of the Work and informed himself fully in regard to all conditions pertaining to the place where the Work is to be done; that he has examined the Drawings and Specifications for the Work and contractual documents relative thereto, including the Notice to Bidders, Instructions to Bidders, Proposal Bid Form, Form of Bid Bond, Form of Contract and Form of Performance Bond, General, Supplementary and Technical Specifications, Addenda, Drawings, and Local Preference Program, Exhibit A, and has read all of the Provisions furnished prior to the opening of bids; and that he has satisfied himself relative to the work to be performed.

The undersigned BIDDER has not divulged to, discussed or compared his bid with other bidders and has not colluded with any other BIDDER of parties to this bid whatever.

If this Proposal is accepted, the undersigned BIDDER proposes and agrees to enter into and execute the Contract with the City of Hollywood, Florida, in the form of Contract specified; of which this Proposal, Instructions to Bidders, General Specifications, Supplementary Conditions and Drawings shall be made a part for the performance of Work described therein; to furnish the necessary bond equal to one hundred (100) percent of the total Contract base bid, the said bond being in the form of a Cash Bond or Surety Bond prepared on the applicable approved bond form furnished by the CITY; to furnish all necessary materials, equipment, machinery, tools, apparatus, transportation, supervision, labor and all means necessary to construct and complete the work specified in the Proposal and Contract and called for in the Drawings and in the manner specified; to commence Work on the effective date established in the "Notice to Proceed" from the ENGINEER; and to substantially complete all Contract Work within 270 days with final completion within 300 days, and stated in the "Notice to Proceed" or pay liquidated damages for each calendar day in excess thereof, or such actual and consequential damages as may result therefrom, and to abide by the Local Preference Ordinance.

The BIDDER acknowledges receipt of the following addenda:

No. <u>1</u>	Dated <u>04/02/2014</u>
No. _____	Dated _____
No. _____	Dated _____

SECTION 00300

PROPOSAL

See Add #1

And the undersigned agrees that in case of failure on his part to execute the said Contract and the Bond within ten (10) days after being presented with the prescribed Contract forms, the check or Bid Bond accompanying his bid, and the money payable thereon, shall be paid into the funds of the City of Hollywood, Florida, otherwise, the check or Bid Bond accompanying this Proposal shall be returned to the undersigned.

Attached hereto is a certified check on the

\_\_\_\_\_ Bank of \_\_\_\_\_

or approved Bid Bond for the sum of

\_\_\_\_\_ Dollars (\$) according to the conditions under the Instructions to Bidders and provisions therein.

NOTE: If a Bidder is a corporation, the legal name of the corporation shall be set forth below, together with signature(s) of the officer or officers authorized to sign Contracts on behalf of the corporation and corporate seal; if Bidder is a partnership, the true name of the firm shall be set forth below with the signature(s) of the partner or partners authorized to sign Contracts in behalf of the partnership; and if the Bidder is an individual, his signature shall be placed below; if a partnership, the names of the general partners.

WHEN THE BIDDER IS AN INDIVIDUAL:

\_\_\_\_\_  
(Signature of Individual)

\_\_\_\_\_  
(Printed Name of Individual)

\_\_\_\_\_  
(Address)

\*\*\*\*\*

WHEN THE BIDDER IS A SOLE PROPRIETORSHIP OR OPERATES UNDER A TRADE NAME:

\_\_\_\_\_  
(Name of Firm)

\_\_\_\_\_  
(Address)

\_\_\_\_\_  
(Signature of Individual) (SEAL)



SECTION 00300

PROPOSAL

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WHEN THE BIDDER IS A PARTNERSHIP:

\_\_\_\_\_  
(Name of Firm) A Partnership

\_\_\_\_\_  
(Address)

By: \_\_\_\_\_  
(SEAL)  
(Partner)

Name and Address of all Partners:

\_\_\_\_\_  
\_\_\_\_\_

\*\*\*\*\*

WHEN THE BIDDER IS A JOINT VENTURE:

\_\_\_\_\_  
(Correct Name of Corporation)

By: \_\_\_\_\_  
(SEAL)  
(Address)

\_\_\_\_\_  
(Official Title)

As Joint Venture  
(Corporate Seal)

Organized under the laws of the State of \_\_\_\_\_, and authorized by the law to make this bid and perform all Work and furnish materials and equipment required under the Contract Documents.

\*\*\*\*\*

WHEN THE BIDDER IS A CORPORATION:

\_\_\_\_\_  
V ENGINEERING & CONSULTING CORP.  
(Correct Name of Corporation)

By: \_\_\_\_\_  
(SEAL) FELIX VALDES

SECTION 00300

PROPOSAL

See  
Add# 1

PRESIDENT

(Official Title)

1900 CORAL WAY, SUITE 300, MIAMI FL. 33145

(Address of Corporation)

Organized under the laws of the State of FLORIDA, and authorized by the law to make this bid and perform all Work and furnish materials and equipment required under the Contract Documents.

CERTIFIED COPY OF RESOLUTION OF  
BOARD OF DIRECTORS

V ENGINEERING & CONSULTING CORP.

(Name of Corporation)

RESOLVED that FELIX VALDES

(Person Authorized to Sign)

PRESIDENT

(Title)

of

V ENGINEERING & CONSULTING CORP.

(Name of Corporation)

be authorized to sign and submit the Bid or Proposal of this corporation for the following project:

CITY OF HOLLYWOOD

**Water Main Replacement Program (N 72 Ave to N 76 Ave from Polk St to Johnson St)  
Project No.: 12-5116**

The foregoing is a true and correct copy of the Resolution adopted by

V ENGINEERING & CONSULTING CORP. at a meeting of its Board of

(Name of Corporation)

Directors held on the 7TH day of APRIL, 2014.

By: FELIX VALDES

Title: PRESIDENT

(SEAL)

The above Resolution MUST BE COMPLETED if the Bidder is a Corporation.

- END OF SECTION -

SECTION 00410

APPROVED BID BOND

(Construction)

STATE OF FLORIDA

KNOW ALL MEN BY THESE PRESENTS:

That we V Engineering & Consulting Corp., as Principal, and

State Automobile Mutual Insurance Company

, as Surety, are held and firmly bound unto the City of Hollywood in the sum of

Ten Percent of Amount Bid \_\_\_\_\_ Dollars (\$ 10% ) lawful

money of the United States, amounting to 10% of the total Bid Price, for the payment of said sum, 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 April 10, 2014 for

Water Main Replacement Program (N 72 Ave to N 76 Ave from Polk St to Johnson St), City

Project No.: 12-5116

NOW, THEREFORE, if the principal shall not withdraw said bid within 90 days after date of the same and shall within ten days after the prescribed forms are presented to him for signature, enter into a written contract with the CITY, in accordance with the bid as accepted, and give bond with good and sufficient surety or sureties, and provide the necessary Insurance Certificates as may be required for the faithful performance and proper fulfillment of such Contract, then this obligation shall be null and void.



Approved Bid Bond

In the event of the withdrawal of said bid within the specified period, or the failure to enter into such contract and give such bond and insurance within the specified time, the principal and the surety shall pay to the City of Hollywood the difference between the amount specified in said bid and such larger amount for which the City of Hollywood may in good faith contract with another party to perform the work and/or supply the materials covered by said bid.

IN WITNESS WHEREOF, the above bound parties have executed this statement under their several seals this \_\_\_\_\_ 10th \_\_\_\_\_

day of \_\_\_\_\_ April \_\_\_\_\_, 2014, the name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

WHEN THE PRINCIPAL IS AN INDIVIDUAL:

Signed, sealed and delivered in the presence of:

\_\_\_\_\_  
Witness

By: \_\_\_\_\_

Signature of Individual

\_\_\_\_\_  
Address

\_\_\_\_\_  
Printed Name of Individual

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Address

Approved Bid Bond

WHEN THE PRINCIPAL IS A CORPORATION:

Attest:

  
Secretary

V Engineering & Consulting Corp.

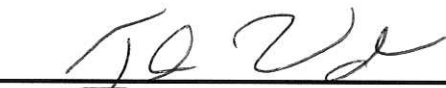
Name of Corporation

2138 S.W. 23rd Street

Business Address

Miami, FL 33145

By:

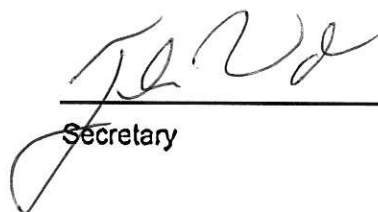
  
(Affix Corporate Seal)

Felix Valdes  
Printed Name

President  
Official Title

CERTIFICATE AS TO CORPORATE PRINCIPAL

I, Felix Valdes, certify that I am the secretary of the Corporation named as Principal in the attached bond; that Felix Valdes who signed the said bond on behalf of the Principal, was then President of said Corporation; that I know his signature, and his signature thereto is genuine and that said bond was duly signed, sealed and attested for and on behalf of said Corporation by authority of its governing body.

 (SEAL)  
Secretary

Approved Bid Bond

**TO BE EXECUTED BY CORPORATE SURETY:**

**Attest:**

As per Attached Power of Attorney  
**Secretary**

State Automobile Mutual Insurance Company  
**Corporate Surety**

518 East Broad Street

**Business Address**

Columbus, OH 43215

**BY:**

Charles D. Nielson

**(Affix Corporate Seal)**

Charles D. Nielson

**Attorney-in-Fact**

Nielson, Hoover & Associates

**Name of Local Agency**

8000 Governors Square Blvd. #101

**Business Address**

Miami Lakes, FL 33016

**STATE OF FLORIDA**

Surety Phone No. 614-464-5000

Before me, a Notary Public, duly commissioned, qualified and acting, personally appeared,  
Charles D. Nielson to me well known, who being by me first duly sworn upon oath  
says that he is the attorney-in-fact for the State Automobile Mutual Insurance Company and  
that he has been authorized by State Automobile Mutual Insurance Company to execute the forgoing bond  
on behalf of the CONTRACTOR named therein in favor of the City of Hollywood, Florida.

Subscribed and sworn to before me this 10th day of April, 2014

Kristi Messel  
**Notary Public, State of Florida**

Kristi Messel

**My Commission Expires:**

November 14, 2017

- END OF SECTION -





# CERTIFIED COPY

## THIS DOCUMENT MAY NOT BE REPRODUCED ORIGINAL PRINTED ON YELLOW PATTERN PAPER POWER OF ATTORNEY

Know All Men By These Presents, That STATE AUTOMOBILE MUTUAL INSURANCE COMPANY, a corporation, duly organized and existing under the laws of the State of Ohio, and having its principal offices in the City of Columbus, Ohio, does hereby by these presents make, constitute and appoint ..... Charles J. Nielson, David R. Hoover, Charles D. Nielson, Mary C. Aceves, Gicelle Pajon, Olga Iglesias, Kristi Messel ..... of Miami Lakes and State of Florida

EACH its true and lawful Attorney(s)-in-Fact, with full power and authority hereby conferred in its name, place and stead, to execute, acknowledge and deliver any and all bonds or undertakings described below, to wit: any and all bonds, undertakings, or other written obligations in the nature thereof, subject to the limitation that the penalty of any one bond shall not exceed **Seven Million Five Hundred Thousand (\$7,500,000.00) Dollars in amount**.....

and to bind the Company thereby as fully and to the same extent as if bonds were signed by the duly authorized officers of the Company, hereby ratifying and confirming all that the said Attorney(s)-in-Fact may do in the premises. This Power of Attorney is made and executed pursuant to and by authority of the following Resolution adopted by the Board of Directors of the Company at a meeting duly called and held on the 8th day of May 1970:

BE IT RESOLVED, by the Board of Directors of State Automobile Mutual Insurance Company, that any two (2) of the following officers of the Company, viz: the President, any Vice President, any Assistant Vice President, Secretary, any Assistant Secretary, Treasurer, and any assistant Treasurer, shall have the power and authority to appoint agents and attorneys-in-fact and to authorize them to execute on behalf of the Company, and attach the seal of the Company thereto, bonds, undertakings, recognizances, consents of surety or other written obligations in the nature thereof; and any such bond, undertaking, recognizance, consent of surety or written obligation in the nature thereof shall be valid and binding upon the Company when duly executed and sealed, if a seal is required, by such attorney-in-fact or agent pursuant to and within the limits of the authority granted by his power of attorney.

BE IT FURTHER RESOLVED, that any two (2) officers may remove any such Attorney-in-Fact or Agent and revoke the power and authority given to him.

BE IT FURTHER RESOLVED, that any two (2) of the following officers of the Company, viz: the President, any Vice President, any Assistant Vice President, Secretary, any Assistant Secretary, Treasurer, and any assistant Treasurer, shall have the power and authority to execute on behalf of the Company, and attach the seal of the Company thereto, bonds, undertakings, recognizances, consents of surety or other written obligations in the nature thereof; which the business of the Company may require; and any such bond, undertaking, recognizance, consent of surety or written obligation in the nature thereof shall be valid and binding upon the Company when duly executed and sealed, if a seal is required.

This Power of Attorney is signed and sealed by facsimile under the authority of the following Resolution adopted by the Board of Directors of State Automobile Mutual Insurance Company at a meeting called and held on the 8th day of May, 1970:

BE IT RESOLVED, that the signature of the President, any Vice President, any Assistant Vice President, Secretary, any Assistant Secretary, Treasurer, and any assistant Treasurer and the Company seal may be affixed by facsimile to any power of attorney or special power of attorney or certification of either given for the execution of any bond, undertaking, recognizance, consent of surety or written obligation in the nature thereof; such signature and seal, when so used being hereby adopted by the Company as the original signature of such officer and the original seal of the Company, to be valid and binding upon the Company with the same force and effect as though manually affixed.

In Witness Whereof, the Company has caused these presents to be signed by its proper officers and its corporate seal to be hereunto affixed this 23rd day of May, 2007



STATE AUTOMOBILE MUTUAL INSURANCE COMPANY

By: Paul E. Nordman  
Paul E. Nordman, Ass't. Vice President

By: William D. Hansen  
William D. Hansen, Ass't. Vice President



SECTION 00420

INFORMATION REQUIRED FROM BIDDERS

GENERAL INFORMATION

The Bidder shall furnish the following information. Failure to comply with this requirement may cause its rejection. Additional sheets shall be attached as required.

1. Contractor's Name/Address: V ENGINEERING & CONSULTING CORP., 1900 CORAL WAY, SUITE 300, MIAMI FL.33145  
\_\_\_\_\_  
\_\_\_\_\_
2. Contractor's Telephone Number: 305-342-5568  
and e-mail address: VEC.CORP@YAHOO.COM
3. Contractor's License (attach copy): CUC1224681  
Primary Classification: UNDERGROUND UTILITY  
Broward County License Number (attach copy): \_\_\_\_\_
4. Number of years as a Contractor in construction work of the type involved in this  
Contract: 3 YEARS AS PRIME AND 8 AS PM  
\_\_\_\_\_
5. List the names and titles of all officers of Contractor's firm:  
FELIX VALDES, PRESIDENT  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
6. Name of person who inspected site or proposed work for your firm:  
Name: ANIBAL PABON  
Date of Inspection: 03/17/2014 THROUGH 03/24/2014
7. What is the last project of this nature you have completed?  
MIAMI-DADE WATER & SEWER, WATER SERVICE REPLACEMENT FROM REAR TO FRONT,  
EAST MIRAMAR REDEVELOPMENT TRANSMISSION AND DISTRIBUTION WATER MAIN IMPROVEMENTS  
\_\_\_\_\_

## SECTION 00420

## INFORMATION REQUIRED FROM BIDDERS

8. Have you ever failed to complete work awarded to you; if so, where and why?

NO

9. Name three individuals or corporations for which you have performed work and to which you refer:

CAS ENGINEERING, PETER LOPEZ, 305-742-6503

PREMIERE DESIGN SOLUTIONS, GUSTAVO ECHART, 305-962-9036

MIAMI-DADE WATER &amp; SEWER, PETER VIGIL, 305-205-5152

10. List the following information concerning all contracts on hand as of the date of submission of this proposal (in case of co-venture, list the information for all coventures).

Name of Project	City	Total Contract Value	Contracted Date of Completion	% Completion to Date
EMERGENCY FLUSHING WATER MAIN REPLACEMENT, MIAMI, \$966,000.00, 06/10/2014, 70%				
T1794, WATER MAIN REPLACEMENT, MIAMI, \$750,000.00, 06/27/2014, 95%				
T1805, WATER MAIN REPLACEMENT, MIAMI, \$800,000.00, 09/14/2014, NTP ON 04/14/2014				
E130008 SEWER REPAIR, MIAMI, \$966,000.00, 06/22/2014, 80%				

(Continue list on inset sheet, if necessary)

11. What equipment do you own that is available for the work?

CAT 311C EXCAVATOR

CAT 262 SKID STEER

ISUZU BOX TRUCK

WATER TRUCK

12. What equipment will you purchase for the proposed work?

DUMP TRUCK

LOADER

NOTE: If requested by CITY, the Bidder shall furnish a notarized financial statement, references and other information, sufficiently comprehensive to permit an appraisal of its current financial condition.

## SECTION 00420

## INFORMATION REQUIRED FROM BIDDERS

LIST OF SUBCONTRACTORS

The Bidder shall list below the name and address of each Subcontractor who will perform work under this Contract in excess of one-half percent of the total bid price, and shall also list the portion of the work which will be done by such Subcontractor. After the opening of Proposals, changes or substitutions will be allowed with written approval of the City of Hollywood. Subcontractors must be properly licensed and hold a valid Hollywood Certificate of Competency.

	<b>Work to be Performed</b>	<b>Subcontractor's Name / Address</b>
1.	PLUMBING	MAR B PLUMBING, 131 NW S. RIVER DRIVE, MIAMI FL. 33128
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

NOTE: Attach additional sheets if required.

- END OF SECTION -



SECTION 00435

LOCAL VENDOR

(EXHIBIT "A")

Pursuant to §38.50 of the City of Hollywood Code of Ordinances, the City shall grant a preference to local Hollywood vendors if their initial bid is within 5% of the bid of the lowest responsive responsible bidder that is a non-local Hollywood vendor. The preference shall allow the local Hollywood vendor to submit a second and final offer, which must be at least 1% less than the bid of the lowest responsive responsive non-local Hollywood vendor to be awarded. The local Hollywood vendor shall have the burden of demonstrating that it maintains a permanent place of business with full-time employees within the City limits and has done so for a minimum of one (1) year prior to the date of issuance of a bid or proposal solicitation within Hollywood, Florida. All supporting documentation (e.g. City of Hollywood valid local business tax receipt) for local preference eligibility must be received with the bid package prior to the bid opening date and time.

## TRENCH SAFETY FORM

This form must be completed and signed by the Bidder.

Failure to complete this form may result in the bid being declared non-responsive.

Bidder acknowledges that the Florida Trench Safety Act, Section 553.60 et. seq., which became effective October 1, 1990, shall be in effect during the period of construction of the project. The Bidder by signing and submitting the bid is, in writing, assuring that it will perform any trench excavation in accordance with applicable trench safety standards. The Bidder further identifies the following separate item of cost of compliance with the applicable trench safety standards as well as the method of compliance:


Method of ComplianceCost

TRENCH BOX

Total \$ 1.00

Bidder acknowledges that this cost is included in the applicable items of the Proposal and in the Grand Total Bid Price. Failure to complete the above will result in the bid being declared non-responsive.

The Bidder is, and the Owner and Engineer are not, responsible to review or assess Bidder's safety precautions, programs or costs, or the means, methods, techniques or technique adequacy, reasonableness of cost, sequences or procedures of any safety precaution, program or cost, including but not limited to, compliance with any and all requirements of Florida Statute Section 553.60 et. seq. cited as the "Trench Safety Act". Bidder is, and the owner and Engineer are not, responsible to determine if any safety related standards apply to the project, including but not limited to, the "Trench Safety Act".

  
Witness Signature

BRANTLEY TATE

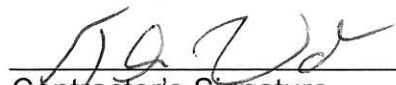
Witness Printed Name

9745 Day Harbor Ter, Apt 27

Witness Address

4/10/2014

Date

  
Contractor's Signature

FELIX VALDES

Printed Name

PRESIDENT

Title

04/10/2014

Date

- END OF SECTION -

## Professional Profile

President and owner of Pabon Engineering, Inc. since December 01, 2001. Possess over 15 years experience in the underground utilities construction field. Self-motivator and over-achiever grew through the ranks from general labor to project Foreman in less than two years and to General Superintendent in five years. As an entrepreneur, grew the company from nothing to more than four million dollars in contracts yearly in only six years. Skills set includes:

- State Certified Engineering Contractor
- Contract Negotiations
- Problem Solving
- Value Engineering
- Equipment Operator
- Bi-lingual (English/Spanish)
- Class A Hazardous Material License

**Professional Accomplishments** — Included are a few of the projects completed to-date. This list is in no way exhaustive and serves only to display the various scopes of work performed and the yearly growth in contract capacity. A complete project list is available upon request.

### **Gulliver Civil: 2009**

#### *New Olympic Pool Facility, Miami, FL*

- Install Sewer System,
- Install Drainage System
- Excavated for Olympic Size Pool
- Built Playing Field

### **City of Miramar, FL: 2007 – 2008**

#### *East Miramar Re-development Transmission & Distribution Water Main Improvements*

- \$2.5 Million Contract
- Installed 22,420 lineal feet of new water main
- Installed & connected over 290 new water services
- Successfully cut, capped and abandoned old water lines and services

### **Miami-Dade County, FL: 2006-2007**

#### *S-769 – County-wide Sewer Improvement/Point Repair Project*

- \$1.2 Million Contract
- Completed over 100 point repairs
- 24 Hour Response Time

### **Key Largo & Plantation Key, FL: 2005-2006**

#### *Vacuum Sewer Collection System*

- \$892,000 Contract
- Installation of new vacuum sewer collection system.

### **FKA Marathon, FL: 2010-2011**

#### *Distribution Main*

- \$2,507,000 Contract
  - Distribution watermain including hydrants, waterservices, and connections to existing mains.
-

**City of Hollywood, FL: 2011-2011**

Short Term Scenario South 35th

- \$ 916,689 Contract.
- Installation of 24" and 30" WM. HDD approx. 400 LF of 30" HDPE

**City of Miami, FL: 2011-2011**

S-835 Project

- \$ 1,712,527 Contract
- Installation of 24", 16", and 12" DIP Sanitary Sewer

FCAA Duck Key, FL: 2011-Current

Distribution Upgrade

- \$ 2,634,600 Contract
- Installation of WM

## **Work History**

<b>Superintendent</b>	<b>V Engineering &amp; Consulting Corp.</b>	<b>2012-Present</b>
<b>Superintendent</b>	Metro Equipment Services	2010 - 2012
<b>Superintendent</b>	JV Construction	1998-2001
<b>Foreman/Operator</b>	Acosta Tractors	1995-1998
<b>Foreman</b>	Madd Engineering	1993-1995

## **References**

References are available upon request.

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# FELIX VALDES

2138 SW 23 ST Miami, FL 33145 • (305) 860-7721 • (305) 342-5568 • VEC.CORP@YAHOO.COM

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State of Florida Certified General and Underground Utility Contractor with over 15 years of construction experience including project management, project inspection, land surveying, and underground utility locations.

**Bilingual:** English/Spanish

## EDUCATION

Bachelors of Science in Construction Management, Florida International University

Founder V Engineering & Consulting Corp.

July 01, 2011

V Engineering & Consulting Corp. has performed several projects throughout South Florida; Specializing in underground utilities, site work, pump station rehabilitation, water, sewer, drainage, new construction and roadway.

- CERTIFIED GENERAL CONTRACTOR
- CERTIFIED UNDERGROUND UTILITY AND EXCAVATION CONTRACTOR
- MIAMI-DADE COUNTY ENGINEERING CONTRACTOR
- MIAMI-DADE COUNTY CSBE/MBE est. 2011.
- OSHA CERIFIED

## PREVIOUS EMPLOYMENT

November 2010-June 2012

Miami-Dade County, Internal Services Department

Construction Manager 2

- Manage multiple Capital commercial construction projects as owner's representative.
- Direct and coordinate the planning, survey, design, and contract preparation.
- Oversee Mechanical, Electrical and Plumbing sub-contract work throughout the life of the project.
- Contribute to the Selection of Architectural Design, Engineering Design and Construction firms.
- Monitor & enforce the timely completion of various projects within budget.
- Prepare construction schedules, request for proposals, change orders and verify cost estimates.
- Review consultant's plans and specifications for conformance to design standards.
- Review and coordinate the approvals of shop drawings and Requests for Information.
- Ensure permitting issues are addressed to minimize delay impacts to the project schedule.
- Coordinate bid advertisements, pre-bid conferences, print and distribute plans and specifications.
- Schedule pre-construction meetings and weekly progress meetings.
- Review and develop contract documents.

January 2007-November 2010

Miami-Dade County, Water & Sewer Department

Project Manager

- Oversee the Design and Construction of multiple infrastructure Capital Improvement projects.
- Direct and coordinate the planning, survey, design, and contract preparation.
- Review and develop Contract documents.
- Prepare schedules, review change orders and verify contractor's cost estimates.
- Contribute to the selection of Architectural, Design and Construction firms.
- Monitor & ensure the completion of various projects within budget.
- Supervise inspectors in their daily operations, overseeing the construction projects.
- Serve as State Certified General Contractor Qualifier.
- Review consultant's plans and specifications for conformance to design standards.
- Coordinate bid advertisements, print and distribute plans and specifications to bidders; schedules and conduct pre-construction meetings and pre-bid conferences.
- Evaluate bids and make recommendations for award.

September 2002-January 2007

Miami-Dade County, Water & Sewer Department

Project Inspector

- Oversee Water and Sewer construction projects to ensure compliance with legal regulations, construction plans and specifications.
- Assist contractors, subcontractors, construction supervisors and engineers in the interpretation of County contract plans and specifications.
- Check layout and grades of structures by using survey equipment such as transit and level.
- Investigate complaints and encroachments to the public right-of-way.

- Attend pre-construction meetings to ensure quality control, represent the department engineers.
- Review and approve monthly pay requisitions.

#### Underground Utility Technician

July 2000-September 2002

- Responsible for locating underground water and sewer utilities using electronic location equipment, plans, as-builts, and other job specific tools.
- Manage relationships with multiple contractors; attend pre-construction meetings with contractors to discuss specifications of construction projects.
- Monitor ongoing projects and inspect for violation of Dade County ordinances.

August 1999 – July, 2000

City of Coral Gables, FL

#### Inspector

- Inspected complaints of encroachments to the public right-of-way and code violations.
- Issued warnings and citations; followed up to insure compliance with building and zoning codes.
- Prepared comprehensive monthly reports of activities, inspections and re-inspections.

Feb. 1997 – August 1999

Mastec, Miami, FL

#### Telecommunications Location Technician

- Responsible for location of telecommunications facilities.
- Met with other utility companies to inform locators on the location of construction projects.
- Manage relationships with multiple utility companies; attend pre-construction meetings.

June 1995 - Feb. 1997

E.R. Brownell and Associates, Miami, FL

#### Engineer Aid/Surveyor

- Check layout and grades of structures using transit and level for construction purposes.
- Utilized various measuring tools to determine land boundaries, and check records for accuracy.
- Record all measurements and other information obtained during survey activities.

10:23:27 AM 10/30/2013

**Licensee Details****Licensee Information**

Name: **VALDES, FELIX (Primary Name)**  
**V ENGINEERING & CONSULTING CORP. (DBA Name)**

Main Address: **1900 CORAL WAY, SUITE 300**  
**MIAMI Florida 33145**

County: **DADE**

License Mailing:

LicenseLocation:

**License Information**

License Type: **Certified General Contractor**

Rank: **Cert General**

License Number: **CGC1508760**

Status: **Current,Active**

Licensure Date: **03/24/2005**

Expires: **08/31/2014**

**Special Qualifications** **Qualification Effective**  
**Construction Business** **09/24/2008**

**[View Related License Information](#)****[View License Complaint](#)**

**[1940 North Monroe Street, Tallahassee FL 32399](#)** :: Email: **[Customer Contact Center](#)** :: Customer Contact Center: 850.487.1395

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10:23:47 AM 10/30/2013

**Licensee Details****Licensee Information**

Name: **VALDES, FELIX (Primary Name)**  
**V ENGINEERING & CONSULTING CORP. (DBA Name)**

Main Address: **1900 CORAL WAY, SUITE 300**  
**MIAMI Florida 33145**

County: **DADE**

License Mailing:

LicenseLocation: **2138 SW 23 STREET**  
**MIAMI FL 33145**

County: **DADE**

**License Information**

License Type: **Certified Underground Utility and Excavation Contractor**

Rank: **Cert Under**

License Number: **CUC1224681**

Status: **Current,Active**

Licensure Date: **02/12/2009**

Expires: **08/31/2014**

**Special Qualifications** **Qualification Effective**

**Construction Business** **12/01/2011**

**[View Related License Information](#)****[View License Complaint](#)**

**[1940 North Monroe Street, Tallahassee FL 32399](#)** :: Email: **[Customer Contact Center](#)** :: Customer Contact Center: 850.487.1395

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Organized under the laws of the state of **FLORIDA**

**V ENGINEERING & CONSULTING CORP.**

This Certifies that **FELIX VALDES** is the holder of **1,000,000** Shares of the **1,000,000** shares of the total stock issued by the above named Corporation.

This evidences **100%** of the total shares of stock issued by the corporation.

In Witness Whereof, the said Corporation has caused this Certificate to be signed by the duly authorized officer this **7** day of **August** A.D. **2012**.

*Felix Valdes*  
[Must have Signature of an officer of the Corporation]







**CITY OF HOLLYWOOD  
DEPARTMENT OF PUBLIC UTILITIES  
ENGINEERING & CONSTRUCTION SERVICES DIVISION**

1621 N. 14<sup>th</sup> Avenue  
Hollywood, FL 33022  
Phone (954) 921-3930 Fax (954) 921-3258

**ADDENDUM No. 1**

Date: **April 2, 2014**

For: **Water Main Replacement Program  
(N. 72<sup>nd</sup> Ave to N. 76<sup>th</sup> Ave from Polk St to Johnson St)**

Project No: **12-5116**

ALL BIDDERS BE ADVISED OF THE FOLLOWING CHANGES TO THE ABOVE REFERENCED PROJECT AS LISTED BELOW:

This addendum is issued as part of the Bidding Documents for the above described project. The changes incorporated in this addendum shall be considered as a part of the documents and shall supersede, amend, add to, clarify, or subtract from those conditions shown in the original documents dated **March 3, 2014**. The bidder shall coordinate all modifications herein with all trades and disciplines related to the work. The Bidder shall acknowledge receipt of this addendum, failure to do so may be subject to disqualification.

**Item 1: GENERAL**

**Meeting Minutes for the Pre-Bid Meeting**

The Pre-bid Meeting sign in sheets and the meeting minutes for the Pre-Bid Meeting dated March 14, 2014 are enclosed.

**Item 2: WORK SCHEDULE**

All proposed construction work on Johnson Street as shown on the plans or within 300 feet of the intersection of Johnson Street and N. 72<sup>nd</sup> Avenue must be done in a manner not to affect school operations (Drop-off and Pick-up). Contractor may choose to perform this work at night or on Saturdays. Contractor shall bear all additional cost to perform the work at night or on Saturdays including but not limited to material testing technician stand by time, City of Hollywood Engineering Inspector's overtime, Engineer of Record's overtime if required, etc.





**CITY OF HOLLYWOOD  
DEPARTMENT OF PUBLIC UTILITIES  
ENGINEERING & CONSTRUCTION SERVICES DIVISION**

1621 N. 14<sup>th</sup> Avenue  
Hollywood, FL 33022  
Phone (954) 921-3930 Fax (954) 921-3258

**ADDENDUM No. 1**

**Item 3: PROPOSAL BID FORM AND BASIS OF PAYMENT**

Proposal Bid Form and Basis of Payment have been revised and supersedes previous Proposal Bid Form and Basis of Payment documents. Changes have been highlighted. Refer to enclosed revised documents. The revised documents/forms **MUST** be used for contractor bid submission. Failure to utilize these revised documents/forms will result in disqualification.

**Item 4: TIME EXTENSION**

Project substantial completion has been revised to 365 days and project closeout has been revised to 395 days. Refer to enclosed revised documents.

**Item 5: REVISED DRAWINGS**

Revisions to Contract Drawings C-1.2, C-22.0 and C-33.3 were made to include an 8 inch gate valve at proposed water main on Buchanan St. adjacent to N. 73<sup>rd</sup> Ave. In addition, refer to revisions to Contract Drawings PM-34.0 for pavement restoration details modification. Refer to Revision No. 1 (clouded) on the attached drawings.

**Item 6: SPECIFICATIONS**

Section 15001 Water Services and Miscellaneous Fittings was revised. Refer to attached revised document.

**Item 7: RIGHT OF WAY ENTRY AND TEMPORARY CONSTRUCTION EASEMENT**

For the installation of water service connection within private property, the Contractor is responsible to obtain permission from each property owner utilizing the enclosed form before applying for a building permit and perform any work on private property.



**CITY OF HOLLYWOOD  
DEPARTMENT OF PUBLIC UTILITIES  
ENGINEERING & CONSTRUCTION SERVICES DIVISION**

1621 N. 14<sup>th</sup> Avenue  
Hollywood, FL 33022  
Phone (954) 921-3930 Fax (954) 921-3258

**ADDENDUM No. 1**

**Item 8: QUESTIONS**

**Question 1: Driveway Restoration**

There are many driveways through which water services must be installed in the public ROW. Does the City wish to restore driveway aprons in their entirety or will the perpendicular patch detail shown on PM-34.0 be considered an "Equal or Better" restoration?

**Response:**

During the installation of water services within the right of way or within private property, the contractor must avoid damaging existing special pavement driveway aprons such as paver blocks, stamped/decorative concrete, etc. In the event that there is any damage to any driveway apron within the right of way or within private property, then that driveway apron has to be restored in its entirety to an equal or better condition including texture, material and color at no additional cost to the City. No patches will be allowed. Restoration will include matching existing material, texture and color. Contractor shall bear the total cost of the restoration including but not limited to permits, material testing, technician stand by time, City of Hollywood Engineering Inspector's overtime, Engineer of Record's overtime if required, etc.

The details shown on PM-34.0 apply to restoration on roadways associated with trench work, not driveways.

**Question 2: Grout & Fill**

Can you please verify if all the existing abandon water mains need to be grouted in their entirety? If so is there a particular mix design the city is requiring?

**Response:**

Please refer to note no. 43 on sheet G-2.0 of the Contract Drawings for water main abandonment requirements and Specification Section 03375 Flowable Fill for mix design.



**CITY OF HOLLYWOOD  
DEPARTMENT OF PUBLIC UTILITIES  
ENGINEERING & CONSTRUCTION SERVICES DIVISION**

1621 N. 14<sup>th</sup> Avenue  
Hollywood, FL 33022  
Phone (954) 921-3930 Fax (954) 921-3258

**ADDENDUM No. 1**

**Question 3: Trench Restoration**

Will trench restoration be required or can the trench be brought up to the top with lime rock until final restoration? if so how thick does asphalt need to be?

**Response:**

Trench Restoration is required to match finished grade at all times and the Asphaltic Concrete Pavement shall be 2 inch minimum. No elevation differences between trench restoration and final grade will be allowed regardless of the stage of construction. Refer to notes on 1.04 of Section 01530 and 1.08.D.3 of Section 01520.

**Question 4: ESTIMATE**

I am writing to request a copy of the sign-in sheet from the pre-bid meeting or a plan holders list for the project listed above to be emailed or faxed to me if available please. Also, is there an estimated project value?

**Response:**

Pre-Bid meeting minutes and sign in sheet have been provided. (Refer to attachments.) The City has established an internal capital budget for this project, however the contractor must bid the project based on the bid documents provided.

ALL OTHER TERMS, CONDITIONS AND SPECIFICATIONS SHALL REMAIN THE SAME.

THIS ADDENDUM SHALL BE ATTACHED TO THE CONTRACT DOCUMENTS AND THE RECEIPT OF THE SAME SHALL BE NOTED IN THE PROPOSAL IN THE SPACE PROVIDED.

Jitendra Patel, P.E., Assistant Director  
Department of Public Utilities - ECSD

# MEETING MINUTES

815 NW 57 Avenue, Suite 402  
Miami, FL 33126  
Phone: 305-264-2557  
Fax: 305-264-5507



**CITY OF HOLLYWOOD**  
**WATER MAIN REPLACEMENT PROGRAM**  
**(N. 72<sup>nd</sup> Ave to N. 76<sup>th</sup> Ave from Polk St to Johnson St)**  
**Project No. 12-5116**

**Pre-Bid Meeting Date: March 14, 2014**  
**Meeting Time: 10:00 am**  
**Attendees: Refer to attached sign in sheets**  
**Author: Shari Ramirez, P.E.**  
**Submitted Date: April 2, 2014**

The purpose of the pre-bid meeting was to discuss the scope of the above referenced project with prospective contractors.

- **Scope of Project**

- EAC described in detail the scope of the water main replacement program project. EAC stated that the project consisted of approximately 27,000 LF of water main installation within the limits of N. 76<sup>th</sup> Avenue to N 72<sup>nd</sup> Ave and from Polk Street to Johnson Street within the City of Hollywood. In addition, new service are included that extend from the proposed water mains within the right of way up to the house connections within private property. EAC explained that the Contractor will be responsible for the final route selection and design for the proposed service connections, which includes relocating the existing meters from back to front of each property, the installation of new meter boxes, obtaining a plumbing permit for each property. In addition, the scope of works also included installing new fire hydrants.
- The City stated that as per the design plans, it will be the Contractor's responsibility to construct the proposed water main pipe of PVC C-900, which must comply with all vertical and horizontal separation as stated in the Florida Administrative Code.
- City stated that there is no separate pay item for pavement restoration since this is all included in the linear footage of pipe installation.
- City stated that it is the Contractor's responsibility to locate and verify vertical and horizontal location of all existing utilities prior to construction.
- City stated that the Contractor is to bid and account only for unit price bid items and not the City's contingency and/or allowances.

- **Questions and Answers**

- Although questions were asked City requested that Contractors submit all questions in writing.

- **Project Schedule**

- EAC described the project schedule. The bid opening date will be **April 10, 2014 at 2:30 pm** at the Wastewater Treatment Plant (1621 N. 14<sup>th</sup> Ave, Hollywood FL, 33019). The bid documents are due on **April 10, 2014 at 2:00 pm** at City Hall, City



# MEETING MINUTES

815 NW 57 Avenue, Suite 402  
Miami, FL 33126  
Phone: 305-264-2557  
Fax: 305-264-5507



Clerk's Office, 2600 Hollywood Boulevard, 2<sup>nd</sup> Floor, Hollywood, Florida 33022. The substantial completion of the project is **365** calendar days from Notice to Proceed (NTP). The project final closeout date is no more than **395** calendar days from NTP.

- **Addendum and RFIs**

- Addendum will be issued one week before bid due date, **April 3, 2014**.
- All Requests for Information (RFI) must be received in writing no later than **March 27, 2014 before 4:00 pm**. The RFIs must be emailed to [cip@hollywoodfl.org](mailto:cip@hollywoodfl.org).

c.c: Attendees  
Project File

*Note: These minutes represent the author's interpretation of matters discussed. If anyone has a conflict with the accuracy of the information contained in these minutes, please forward comments to the author within 3 business days of the submittal date otherwise the contract documents will rely on these minutes as the record of all matters discussed and conclusions reached.*





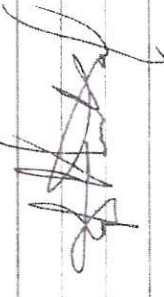
City of Hollywood  
Department of Public Utilities

Pre-Bid Meeting Attendance Record  
Sheet 1 of 57

Project Name: Water Main Replacement Program  
Date: March 14, 2014

Project No.: 12-5116

Engineer: EAC Consulting, Inc.

No.	Firm Name & Address (Street Address)	Name of Individual Recipient Telephone No., Fax No., and Email Address of Firm	Name and Signature
1	Johanson-Davis, Inc. 604 HELLBATH DRIVE TAMPA, FL <u>Florida Engineering</u>	THOMAS HARVEY 561-588-1170 561-275-7950 THOMAS@JOHANSONDAVIS.COM	
2	11076 NW 98 AVE Hialeah Gardens FL 33018 Giannetti Contracting 2301 W. Sample Rd. Bldg 3, Ste 6A POMPANO BEACH FL 33073	Raul Cabanero 305-820-8333; 786-217-8043 raul@floridacengineering.net	
3	OCEAN BAY CONST 2200 NW. 16. ST. POMPANO FL 33069	Ricky Giannetti 586-268-2090 fax 586-268-7099 RGIANNETTI74@comcast.net	
4	RIC-MANUS FL. CONSTRUCTION 3100 SW 15TH STREET DEERFIELD BEACH, FL 33442	RON FRANK 954-960-0130 954-960-3312 OCEAN BAY C I C AOL.COM J.D. HUSKEY JHUSKEY@RIC-MANUS.COM	
5			

864-905-5370

City of Hollywood  
Department of Public Utilities

Pre-Bid Meeting Attendance Record  
Sheet 2 of 57

Project Name: Water Main Replacement Program  
Date: March 14, 2014

Project No.: 12-5116 Engineer: EAC Consulting, Inc.

No.	Firm Name & Address (Street Address)	Name of Individual Recipient Telephone No., Fax No., and Email Address of Firm	Name and Signature
6	Straight Ahead Construction, Inc. 17800 SW 15th Ave, Palmdale Bay FL 33157	Michael Padykula 786-812-3440, 305-252-9178 admin@straightaheadconstruction.com	Michael Padykula <i>[Signature]</i>
7	SZT UTILITIES, INC. 2240 NW 72 Way Pembroke Pines, FL 33024	Chris FACEY 286-768-9405 CHRISFACEYJZT@gmail.com	<i>[Signature]</i>
8	Perpetual Advancement P.O. Box 680009 Mia, FL 33168	Michael Lowe 305) 804-2812 pge2006@att.net	M. Lowe <i>[Signature]</i>
9	GPE ENGINEERING 13117 NW 10th AVE HALETH GARDEN, FL	LESTER SIMENZ (305) 828-5504 BIDS@GREENG.COM	LESTER SIMENZ <i>[Signature]</i>
10	Danella Utility Constructing Inc. 10 Commerce Rd. Unit 5 Boynton Beach, FL 33426	Curt Landry 561 327 5320 561 327 5319 CLandry@danella.com	Curt Landry <i>[Signature]</i>

James T. Hill  
954-979-0802 954-479-9897  
Estimating@lanzo.org

Line-Tec, Inc  
241 NW 18th Ave, Delray Beach, FL 33426  
Mark Atkins 954-214-8514  
561-279-1032 mark@linetec.com



City of Hollywood  
Department of Public Utilities

Pre-Bid Meeting Attendance Record  
Sheet 3 of 57

Project Name: Water Main Replacement Program  
Date: March 14, 2014

Project No.: 12-5116  
Engineer: EAC Consulting, Inc.

No.	Firm Name & Address (Street Address)	Name of Individual Recipient Telephone No., Fax No., and Email Address of Firm	Name and Signature
11	Sum Up Enterprises Inc. 16641 Waters Edge Drive Ft Lauderdale FL 33326	Dena Pratt Dena Pratt 954-384-1675 Fax 954-384-8849 Sumup@aol.com	Dena Pratt
12	F Combe Utilities of Florida, Inc. 11130 D. Kowalk Dr. Suite 104, Miami, FL 33136	Fabio Ruiz 305-596-0141 Fax: 305-396-1100 fabriz@earthlink.net, com	Fabio Ruiz
13	Reedland Company 48 NE 15th Homestead FL	Pinky Monz Pinky.monz@rectbankcompany.com	
14	Kailas Contractors 10388 W SR 84th Unit 101 Davie FL 33324	Luis Rosero lra aluci@kailascontractors.com	Luis Rosero
15	A-1 Underground & Plumbing, Inc. 4815 S.W. 57 Ter. Davie FL 33314	Steve Fuller S.FA1UPS@yahoo.com	Steve Fuller

Acosta Tractors, Inc.  
11980 NW 97th Ave.  
MIRACER GARDENS, FL 33018

ROGER ARGUELLO  
305-556-0473  
305-556-8068  
bills@acostatractors.com  
rarguello@acostatractors.com








City of Hollywood  
Department of Public Utilities

Pre-Bid Meeting Attendance Record  
Sheet 4 of 57

Project Name: Water Main Replacement Program  
Date: March 14, 2014

Project No.: 12-5116 Engineer: EAC Consulting, Inc.

No.	Firm Name & Address (Street Address)	Name of Individual Recipient Telephone No., Fax No., and Email Address of Firm	Name and Signature
16	V ENGINEERING & CONSULTING CORP 1900 CORALWAY SUITE 300 MIAMI FL 33145	ANIBAL PABON PH 305 218-3547 Email AP@VECCORP.NET	
17	V Eng. & Consulting Corp 1900 Coral Way, Suite 300 Miami FL 33145	Felix Valdes 305-342-5568; Fax 305-860-7721 VEX.corp@vexcorp.com	
18	Metro Equipment Service 9415 SW 74 St Suite 131 Miami FL 33173	Torge Cordoy Cell: 786-367-0044 Fax 305-740-3305 Tcometro@BellSouth.net	
19	Melco Express Inc. 9442 NW 109 St Medley, FL 33178	Adrian Othen PH 305- <del>288-1330</del> f. 305-885-1327 a.often@aol.com	
20	TEALE R Paving 3328 SW 46 Ave Davie, FL 33314	Pat Fuccide pfuccide@rcrpaving.com PH 854-792-9205 Fax 954-792-8965	

City of Hollywood  
Department of Public Utilities

Pre-Bid Meeting Attendance Record  
Sheet 5 of 57

Project Name: Water Main Replacement Program  
Date: March 14, 2014

Project No.: 12-5116

Engineer: EAC Consulting, Inc.

No.	Firm Name & Address (Street Address)	Name of Individual Recipient Telephone No., Fax No., and Email Address of Firm	Name and Signature
21	WLAN CORP, INC. 3400 S.W. 11 ST DEERFIELD BEACH, FL 33442	WLAN CORP, INC. 954.427.0230 954.427.8133 WLAN CORP, INC. LARRY BRENNER 954.426.1042 954.426.0717 larry_brenner@wlan.com	WLAN CORP, INC. LARRY BRENNER
22	PAC-MAN INTERNATIONAL, INC. 8601 WILKES RD PEMBROKE BEACH 33073	LARRY BRENNER 954.426.1042 954.426.0717 larry_brenner@wlan.com	LARRY BRENNER
23	WESTWIND CONTRACTING, INC. 3799 W. HALLANDALE BEACH BLVD PEMBROKE PARK, FL 33023	MARCO GARCIA - MENOCAL 954.961.7200 954.961.7222 marco.garcia@westwindcontracting.com	MARCO GARCIA - MENOCAL
24	WESTWIND CONTRACTING, INC. 3799 W. HALLANDALE BEACH BLVD. PEMBROKE PARK, FL 33023	WALDY POLIZZI WALDY POLIZZI (954) 961.7200	WALDY POLIZZI
25	AVA ENGINEERING & CONSTRUCTION INC. 6600 NW 32 AVE. MIAMI FL 33147	ALEJANDRO MELIA 3-696-7902 / 3-696-7903 estimating@ava-engineering.com	ALEJANDRO MELIA

City of Hollywood  
Department of Public Utilities

Pre-Bid Meeting Attendance Record  
Sheet 6 of 7

Project Name: Water Main Replacement Program  
Date: March 14, 2014

Project No.: 12-5116

Engineer: EAC Consulting, Inc.

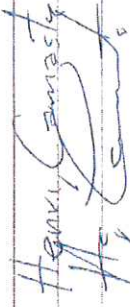

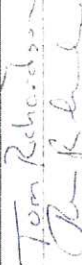
No.	Firm Name & Address (Street Address)	Name of Individual Recipient Telephone No., Fax No., and Email Address of Firm	Name and Signature
26	David Mancini and Sons, Inc. 2601 NW 40th St Pompano Beach, FL 33064	David Mancini Jr. 754 264 5544 dmanojr@dmcsi.co	David Mancini Jr.
27	Triple R Paving 3820 SW 40th Ave Dania FL 33314	E.F. Leigum 954-393-4205 Sleipen@rrcpaving	E.F. Leigum
28			
29			
30			

City of Hollywood  
Department of Public Utilities

Pre-Bid Meeting Attendance Record  
Sheet 7 of 7

Project Name: Water Main Replacement Program  
Date: March 14, 2014

Project No.: 12-5116 Engineer: EAC Consulting, Inc.

No.	Firm Name & Address (Street Address)	Name of Individual Recipient Telephone No., Fax No., and Email Address of Firm	Name and Signature
31	Central Hx. Equipment 9030 NW 97th Terr Medley, FL 33178	Henry Camasta 305-888-3344 / fax 305-888-9305 hcamasta@centralhxequip.com	Henry Camasta 
32	Central Florida Equipment 9030 NW 97th Terr Medley, FL 33178	Jesús Sanchez 305-888-3344 jesus@centralfloridaequip.com	Jesús Sanchez 
33	Nick Services, Inc. 15551 Chieftain Blvd Lewes, NC 28551	Tom Richardson 561-291-7561 tom@dko-service.com	Tom Richardson 
34			
35			



## Right of Entry Permit and Temporary Construction Easement

Property Address: \_\_\_\_\_

Owner(s): \_\_\_\_\_

Mailing Address: \_\_\_\_\_

RE: Water Services and Water Meters Relocations

**Agreement:** As part of the City of Hollywood's continuing effort to provide and maintain high quality services to its residents, the Department of Public Utilities has recently concluded the installation of new water mains and water services within your neighborhood. The next phase of the project, which will conclude with connections to the new water services, is the relocation of the existing water meters (from the back of the property to the front of the property) and re-routing of the water service pipelines within your property. In order to accomplish this phase of the project, the City is requesting your cooperation by allowing **INSERT CONTRACTOR's NAME HERE** a general contractor performing work for the City of Hollywood, to work within your property. Therefore, the undersigned property owner(s) grant consent to the City for the purpose of performing the project. This work will be performed at no cost to the property owner(s). This document shall not be considered a permanent easement. Upon completion of the work, **INSERT CONTRACTOR's NAME HERE** will restore the impacted areas to the original conditions, and the portion of the improvements on private property (i.e. the new water service and related appurtenances) will become the property and the sole responsibility of the property owner(s).

**City of Hollywood, Florida**

BY: \_\_\_\_\_  
Steve Joseph, P.E., Director of Public Utilities

**Property Owner(s)**

BY: \_\_\_\_\_

BY: \_\_\_\_\_

SECTION 00300

PROPOSAL

TO THE MAYOR AND COMMISSIONERS  
CITY OF HOLLYWOOD, FLORIDA

SUBMITTED V ENGINEERING & CONSULTING CORP.

Dear Mayor and Commissioners:

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

The BIDDER further declares that he has examined the site of the Work and informed himself fully in regard to all conditions pertaining to the place where the Work is to be done; that he has examined the Drawings and Specifications for the Work and contractual documents relative thereto, including the Notice to Bidders, Instructions to Bidders, Proposal Bid Form, Form of Bid Bond, Form of Contract and Form of Performance Bond, General, Supplementary and Technical Specifications, Addenda, Drawings, and Local Preference Program, Exhibit A, and has read all of the Provisions furnished prior to the opening of bids; and that he has satisfied himself relative to the work to be performed.

The undersigned BIDDER has not divulged to, discussed or compared his bid with other bidders and has not colluded with any other BIDDER of parties to this bid whatever.

If this Proposal is accepted, the undersigned BIDDER proposes and agrees to enter into and execute the Contract with the City of Hollywood, Florida, in the form of Contract specified; of which this Proposal, Instructions to Bidders, General Specifications, Supplementary Conditions and Drawings shall be made a part for the performance of Work described therein; to furnish the necessary bond equal to one hundred (100) percent of the total Contract base bid, the said bond being in the form of a Cash Bond or Surety Bond prepared on the applicable approved bond form furnished by the CITY; to furnish all necessary materials, equipment, machinery, tools, apparatus, transportation, supervision, labor and all means necessary to construct and complete the work specified in the Proposal and Contract and called for in the Drawings and in the manner specified; to commence Work on the effective date established in the "Notice to Proceed" from the ENGINEER; and to substantially complete all Contract Work within 365 days with final completion within 395 days, and stated in the "Notice to Proceed" or pay liquidated damages for each calendar day in excess thereof, or such actual and consequential damages as may result therefrom, and to abide by the Local Preference Ordinance.

The BIDDER acknowledges receipt of the following addenda:

No. <u>1</u>	Dated <u>APRIL 2, 2014</u>
No. _____	Dated _____
No. _____	Dated _____

SECTION 00800

SUPPLEMENTARY GENERAL CONDITIONS

INDEX TO ARTICLES

1. Project Schedule	00800-2
2. Insurance Requirements	00800-3
3. Liquidated Damages	00800-5
4. Restricted Area	00800-6
5. Existing Facilities and Structures	00800-6
6. Explosives	00800-6
7. Contract Documents	00800-6
8. Required Notifications	00800-6
9. Notice of Completion	00800-9
10. Prevailing Wage Requirement	00800-6
11. Inspections and Testing During Overtime	00800-7
12. Retainage	00800-8
13. Owner's Contingency	00800-8

## SECTION 00800

## SUPPLEMENTARY GENERAL CONDITIONS

**General Note:**

The General Conditions refer to specific section numbers in the Supplementary General Conditions. These reference numbers may not coordinate with the actual Article numbers utilized in the Supplementary General Conditions. The CONTRACTOR shall comply with all General Conditions and all Supplementary General Conditions as well as related conditions included in the General Requirements, Division 1 of the Technical Specifications. Incorrect cross-reference numbers shall not relieve this requirement.

**1. Project Schedule**

Time is of the essence for this work. The following defines the schedule for the project:

CONSTRUCTION WORK SCHEDULE CONSTRUCTION / STARTUP / ACCEPTANCE:	
<u>Major Milestones</u>	<u>Completion Time (calendar days)</u>
1. Substantial Completion <sup>(1)</sup>	365
2. Project Closeout <sup>(2)</sup>	395

Failure to meet any of the above defined construction/startup/acceptance completion dates shall subject the CONTRACTOR to pay damages as specified in these Supplementary General Conditions in Article 3.

**<sup>(1)</sup>Substantial Completion**

1. Refer to General Conditions Articles 14.1 and 14.2. (Certification of Substantial Completion Services appended to the Supplementary General Conditions).
2. Substantial Completion shall also include:
  - Completion of all construction work associated with the specific "Major Milestone" listed in the construction work schedule including completion of punch list items. "Completion of punch list items" shall be as determined by the Engineer in the field.



SECTION 00800

SUPPLEMENTARY GENERAL CONDITIONS

- The complete effluent hydraulic improvements shall be tested and demonstrated for the Engineer's acceptance. Please refer to the Specification Division 15 Mechanical, for the testing requirements. The Engineer shall determine testing and demonstration sufficient for acceptance.
- Record shop drawings and O&M submittals received and accepted by the Engineer.
- Record drawing received and accepted by the Engineer.
- Guarantee certifications, performance affidavits, and all other certifications received and accepted by the Engineer.

Contractor shall also conform to construction sequence constraints as defined on the Drawings and in Specifications.

**<sup>(2)</sup>Project Closeout**

1. Refer to Division 1 General Requirement, Section 01700 Project Closeout.
2. Project Closeout shall also include:
  - All requirements of substantial completion met plus the following
  - Site cleanup and restoration completed
  - All other site work completed
  - Minor punch list items completed (minor as defined by the Engineer in the field)
  - Demobilization completed
  - Releases from all parties who are entitled to claims

The title "Engineer" utilized in these descriptions for substantial and final completion shall mean the City staff engineer assigned to this project, or his designated representative.

**2. Insurance Requirements**

The insurance required by Article 5.6 of the General Conditions shall be as follows:

## SECTION 00800

## SUPPLEMENTARY GENERAL CONDITIONS

**1. BUILDERS RISK (BR 1) - Installation Floater:**

The Contractor shall be required to purchase and maintain, throughout the life of the contract, and until the project is accepted by the City, Builder's Risk Insurance on an All Risk of Loss form. Coverage shall include:

Theft	Aircraft
Windstorm	Vehicles
Hail	Smoke
Explosion	Fire
Riot	Collapse
Civil Commotion	Flood

The policy limits shall be no less than the amount of the finished project and coverage shall be provided on a completed value basis.

Property located on the construction premises, which is intended to become a permanent part of the building, shall be included as property covered.

The policy shall be endorsed permitting the City to occupy the building prior to completion without affecting the coverage.

The City of Hollywood shall be named as Additional Insured and Loss Payee.

**2. GENERAL LIABILITY (GL3):**

Prior to the commencement of work governed by this contract, the Contractor shall obtain General Liability Insurance. Coverage shall be maintained throughout the life of the contract and include, as a minimum:

- Premises Operations
- Products and Completed Operations
- Blanket Contractual Liability
- Personal Injury Liability
- Expanded Definition of Property Damage

The minimum limits acceptable shall be:

\$2,000,000 Combined Single Limit (CSL)

If split limits are provided, the minimum limits acceptable shall be:

\$1,000,000 per Person

## SECTION 00800

## SUPPLEMENTARY GENERAL CONDITIONS

\$2,000,000 per Occurrence  
\$100,000 Property Damage

An Occurrence Form policy is preferred. If coverage is provided on a Claims Made policy, its provisions should include coverage for claims filed on or after the effective date of this contract. In addition, the period for which claims may be reported should extend for a minimum of twelve (12) months following the acceptance of work by the City.

The City of Hollywood shall be named as Additional Insured on all policies issued to satisfy the above requirements.

**3. GENERAL LIABILITY (GLXCU):**

Recognizing that the work governed by this contract involves either underground exposures, explosive activities, or the possibility of collapse of a structure, the Contractor's General Liability Policy shall include coverage for the XCU (explosion, collapse, and underground) exposures with limits of liability equal to those of the General Liability Insurance policy.

**4. VEHICLE LIABILITY (VL3):**

Recognizing that the work governed by this contract requires the use of vehicles, the Contractor, prior to the commencement of work, shall obtain Vehicle Liability Insurance. Coverage shall be maintained throughout the life of the contract and include, as a minimum, liability coverage for:

➤ Owned, Non-Owned, and Hired Vehicles

The minimum limits acceptable shall be:

\$1,000,000 Combined Single Limit (CSL)

If split limits are provided, the minimum limits acceptable shall be:

\$500,000 per Person

\$1,000,000 per Occurrence

\$100,000 Property Damage

The City of Hollywood shall be named as Additional Insured on all policies issued to satisfy the above requirements.

**5. WORKERS' COMPENSATION (WC2):**

Prior to the commencement of work governed by this contract, the Contractor shall obtain Workers' Compensation Insurance with limits sufficient to respond to the applicable state statutes.

In addition, the Contractor shall obtain Employers' Liability Insurance with limits of not less than:



## SECTION 00800

## SUPPLEMENTARY GENERAL CONDITIONS

\$500,000 Bodily Injury by Accident  
\$500,000 Bodily Injury by Disease, policy limits  
\$500,000 Bodily Injury by Disease, each employee

Coverage shall be maintained throughout the entire term of the contract.

Coverage shall be provided by a company or companies authorized to transact business in the state of Florida and the company or companies must maintain a minimum rating of A-VI, as assigned by the A.M. Best Company.

The policy must be endorsed to provide the City with (30) days notice of cancellation.

If the Contractor has been approved by the Florida's Department of Labor, as an authorized self-insurer, the City shall recognize and honor the Contractor's status. The Contractor may be required to submit a Letter of Authorization issued by the Department of Labor and a Certificate of Insurance, providing details on the Contractor's Excess Insurance Program.

If the Contractor participates in a self-insurance fund, a Certificate of Insurance will be required. In addition, the Contractor may be required to submit updated financial statements from the fund upon request from the City.

**3. Liquidated Damages**

Liquidated damages shall be paid by the CONTRACTOR to the CITY for failure to complete work on time in accordance with the following schedule:

CONSTRUCTION/STARTUP/ACCEPTANCE:		
<u>Major Milestones</u>	<u>Completion Time (calendar days)</u>	<u>Liquidated Damages</u>
1. Substantial Completion	365	\$1,000/day
2. Project Closeout	395	\$1,000/day

The CITY is hereby authorized to deduct the sums described above from the monies which may be due to the CONTRACTOR for the work under this contract. Liquidated damages shall be additive such that the maximum total which may be deducted shall be \$1,000/day. Other damages for failure to meet warranty conditions as defined in other sections of the Specifications shall also be added with liquidated damages for failure to meet completion times.



SECTION 00800

SUPPLEMENTARY GENERAL CONDITIONS

4. **Restricted Area**

The CONTRACTOR shall, in installing the new facilities, confine all activities within the CITY property, easement, and right-of-ways indicated.

5. **Existing Facilities and Structures**

All existing facilities shall be protected, and if damaged, shall be repaired by the CONTRACTOR at no additional cost to the CITY.

6. **Explosives**

Explosives shall not be used on this project.

7. **Contract Documents**

The CITY will provide the CONTRACTOR with 1 (1) set of Contract Documents after the Notice to Proceed.

8. **Required Notifications**

When provisions of the pertinent codes, standards or regulations conflict with this Specification, the more stringent shall apply.

Prior to any site work, the CONTRACTOR shall notify the Engineering and Construction Services Division Inspector at (954) 921-3930.

Prior to excavation at the site, the CONTRACTOR shall notify the appropriate utilities and Sunshine State One-Call of Florida, Inc. (formerly U.N.C.L.E.) at 1-800-432-4770 for locations of buried utilities.

Prior to closure of any CITY streets or alleyways, or other activity which requires the diversion of traffic, the CONTRACTOR shall notify and obtain the permission of the CITY of Hollywood Fire and Police Communications Section at (954) 967-4321.

9. **Notice of Completion**

See attached form.

10. **Prevailing Wage Requirement**

- A. The CONTRACTOR shall be responsible for ensuring payment of the rate of wages and fringe benefits, or cash equivalent, for all laborers, mechanics and

## SECTION 00800

## SUPPLEMENTARY GENERAL CONDITIONS

apprentices employed by him/her or his/her SUBCONTRACTORS on the work covered by this contract which shall be not less than the prevailing rate of wages and fringe benefits payment or cash equivalent for similar skills or classifications of work as established by the General Wage Decision by the United States Department of Labor for Broward County, Florida that is in effect prior to the date the CITY issued the invitation for bids for this project (the prevailing rate of wages and fringes can be obtained at website <http://www.access.gpo.gov/davisbacon>).

If the General Wage Decision fails to provide for a fringe benefit rate for any worker classification, then the fringe benefit rate applicable to such worker classification shall be the fringe benefit rate that has a basic wage rate closest in dollar amount to the work classification for which no fringe benefit rate has been provided.

- B. Upon commencement of work, the CONTRACTOR and all of his/her SUBCONTRACTORS shall post a notice in a prominent place at the work site stating the requirements of this Article.
- C. As per the City of Hollywood Code of Ordinances, Prevailing Wage Requirements and Fringe Benefits are applicable to the following: (A) Utilities projects over \$1,000,000.00 (one million dollars) and (B) All other projects over \$500,000.00 (five hundred thousand dollars).

**11. Inspections and Testing During Overtime**

- A. The following supplement Article 3.15 and 3.16 of the General Conditions:

For weekend work, CONTRACTOR shall submit a written request to the CITY by the preceding Wednesday. A separate request is required for each week that the CONTRACTOR wished to work on a weekend. For evening and holiday work, CONTRACTOR shall submit a written request to the CITY 3 days in advance. The CITY will provide inspection services for all overtime work and the CONTRACTOR shall pay for inspection services per Article 3.15, no exceptions.

Similarly, holiday and other overtime work shall be requested a minimum of 36-hours in advance and CITY will provide inspection for all overtime.

- B. Exceptions to the hours and days of the week for work and other related limitations are allowed only for tie-ins during low flow periods / early morning hours, coatings that need to be applied during lower temperature times of the

## SECTION 00800

## SUPPLEMENTARY GENERAL CONDITIONS

day and whenever the Documents specifically define that work shall be completed outside of the limitations for "normal" work hours, days, etc.

Inspection for tie-ins during low flow/early morning and specialty coating application performed during nighttime will not be cause for extra inspection costs unless such work is remedial in nature as a result of defective work.

**12. Retainage**

After 50-percent completion of the construction services purchased pursuant to this contract, CONTRACTOR may present to CITY a payment request for one-half of the retainage then held by CITY. CITY shall promptly make payment to CONTRACTOR, unless CITY has grounds for withholding the payment of retainage. CITY shall have grounds for withholding the payment of retainage with respect to any amounts that are the subject of a good-faith dispute, the subject of a claim brought pursuant to Florida Statute Section 255.05, or otherwise the subject of a claim or demand by CITY or CONTRACTOR.

At acceptance of Substantial Completion, CITY shall promptly make payment to CONTRACTOR of one-half of the retainage then held by CITY. At acceptance of completion of all punch list items, CITY shall promptly make payment to CONTRACTOR the balance of retainage then held by CITY.

**13. Owner's Contingency**

*This allowance is in its entirety dedicated for the use of the Owner (The City of Hollywood) to address conditions (or work) associated with undefined conditions. All work resulting from undefined conditions shall be authorized in writing and in advance by the Owner, specifically the Director of Public Services, through the full execution of a Field Order. The actual amount to be paid per Field Order will be negotiated and agreed by both parties (the Owner and the Contractor). The final/negotiated amount of the field order will be deducted from the Owner's Allowance designated in the Bid Proposal and Schedule of Values. The Owner reserves the right to award none, any portion of, or all of the money associated with this allowance. By executing the CONTRACT between the City of Hollywood and the Contractor, the Contractor acknowledges that under no circumstances he or she should assume that he or she would be entitled to any amounts set aside by the City of Hollywood within the Owner's Allowance.*



SECTION 00800

SUPPLEMENTARY GENERAL CONDITIONS

**CERTIFICATE OF SUBSTANTIAL COMPLETION**

**PROJECT:** **ENGINEER:** EAC Consulting, Inc.

**TO:** **CONTRACTOR:**

**CONTRACT FOR:**

**NOTICE TO PROCEED DATE:**

**DATE OF ISSUANCE:**

**PROJECT OR DESIGNATED PORTION SHALL INCLUDE:**

Portions of the work performed under this Contract as described above, have been reviewed and found to be substantially complete. The Date of Substantial Completion of Project or designated portion thereof designated above is hereby established as \_\_\_\_\_ which is also the date of commencement of applicable warranties required by the Contract Documents for the noted area.

**DEFINITION OF DATE OF SUBSTANTIAL COMPLETION**

The Date of Substantial Completion of the work or designated portion thereof is the date certified by the ENGINEER ("Date of Issuance" above) when construction is sufficiently complete, in accordance with the Contract Documents, so the CITY can occupy or utilize the work or designated portion thereof for the use for which it is intended, as expressed in the Contract Documents.

A list of items to be completed or corrected, prepared by the CONTRACTOR and verified and amended by the ENGINEER, for the above referenced "Project or Designated Portion" is attached to this form (attached "Punch List" dated \_\_\_\_\_).

The failure to include any items on such list does not alter the responsibility of the CONTRACTOR to complete all work in accordance with the Contract Documents.



## SECTION 00800

## SUPPLEMENTARY GENERAL CONDITIONS

## CERTIFICATE OF SUBSTANTIAL COMPLETION

Please note that in accordance with Article 14 General Conditions, the Contractor retains full responsibility for the satisfactory completion of all work regardless of whether the Owner occupies and / or operates a part of the facility and that the taking possession and use of such work shall not be deemed an acceptance of any work not completed in accordance with the Contract Documents.

EAC Consulting, Inc.

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**ENGINEER****BY****DATE**

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**CONTRACTOR****BY****DATE**

The CITY OF HOLLYWOOD, through the City's authorized representative, accepts the work or designated portion thereof as substantially complete and will assume full possession thereof at \_\_\_\_\_(time) on \_\_\_\_\_  
\_\_\_\_\_ (date).

---

**BY****DATE**

- END OF SECTION -

SECTION 01025

BASIS OF PAYMENT

**PART 1 – GENERAL**

1.01 GENERAL

- A. Payments to the CONTRACTOR shall be made on the basis of the Proposal bid items as full and complete payment for furnishing all materials, labor, tools and equipment, and for performing all operations necessary to complete the work included in the Contract Documents. Such compensation shall also include payments for any loss or damages arising directly or indirectly from the work, or from any discrepancies between the actual quantities of work and those shown in the Contract Documents, or from any unforeseen difficulties which may be encountered during the prosecution of the work until the final acceptance by the CITY.
- B. The prices stated in the proposal include all costs and expenses for taxes, labor, equipment, materials, commissions, transportation charges and expenses, patent fees and royalties, 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. The Basis of Payment for an item at the price shown in the Proposal shall be in accordance with its description of the item in this Section and as related to the work specified and as shown on the Drawings. Unit prices where used will be applied to the actual quantities furnished and installed in conformance with the Contract Documents.
- C. The CONTRACTOR'S attention is called to the fact that the quotations for the various items of work are intended to establish a total price for completing the work in its entirety. Should the CONTRACTOR feel that the cost of any item of work has not been established by the Proposal or Basis of Payment, he shall include the cost for that work in the last Bid Item for each construction package so that his proposal for the project does reflect his total price for completing the work in its entirety. Failure to do so will be at the CONTRACTOR'S risk and no additional compensation will be granted for completing the work.
- D. Where applicable, the CONTRACTOR shall submit, with each Payment Request, a list of Minority Business Enterprise/ Women Business Enterprise (MBE/WBE) Subcontractors that he is or will be utilizing for his contract. For each MBE/WBE Subcontractor, the following information shall be provided:
  - 1. Total sub-contract dollar amount.
  - 2. Amount paid to date.

## SECTION 01025

## BASIS OF PAYMENT

## 1.02 MEASUREMENT

- A. The quantities for payment under this Contract shall be determined by actual measurement of the completed items, in place, ready for service and accepted by the CITY, in accordance with the Schedule of Payment Values as described in Section 01300, "Submittals", unless otherwise specified. A representative of the CONTRACTOR shall witness all field measurements.

## 1.03 PAYMENT ITEMS

- A. **Item No. 1 – Mobilization (60%)/ Demobilization (40%)**: The lump sum price bid for this item shall be full compensation for all mobilization and demobilization activities, including but not limited to bonds, insurance, scheduling, project meetings, submittals, and other permit package, temporary facilities, audio-video documentation of the existing site, any space required for staging, laydown, storage, parking, finish grading, site clearing, coordination and, location, verification, protection and any necessary field adjustment of existing utility, adjustment to all manhole covers, utility access boxes, catch basins, valve boxes to be flush with finish grades per approved Contract Documents and all other activities necessary to prepare, execute and complete the contract work. This payment item amount shall not exceed 5% of the sum of bid Items No. 2 through 29.
- B. **Item No. 2 – Water Service Connection (Within Private Property)**: Payment for all labor, equipment, materials, delivery, testing, installation and commissioning of all work necessary and required for routing and connecting water service connection to each property from the back to the front of houses at the right of way line per the approved Contract Documents regardless of the route and/or field conditions. This work shall include but not be limited to the relocation of existing meters per the approved Contract Documents, new meter box, capping of existing service lines, cap sizes less than 2 inch, 1" P.E. tubing Schedule 80 PVC and all appurtenances (fittings, valves, curb stops, etc.), trench excavation and restoration, backfilling, disposal of unsuitable/excess fill, all work associated with obtaining a plumbing permit and property owners' access permission for each property. Payment also includes restoration of affected areas including but not limited to: sidewalk, grass, concrete elements, asphalt driveways, special driveways (concrete, bricks, paver blocks, stamped/decorative concrete, etc.), asphalt pavement (2-inch minimum) and swale restoration.
- C. **Item No. 3 –Water Service Connection (Within Public Right of Way)**: Payment for all labor, equipment, materials, delivery, testing, installation and commissioning of all work necessary and required for water service connection within public right of way from the right of way line to the proposed water main per the approved Contract Documents. This work shall include but not be limited to the cut and capping of existing service lines, cap sizes less than 2 inch, 3" min schedule 80



## SECTION 01025

## BASIS OF PAYMENT

PVC casing pipe, pipe of various sizes (less than 4 inch), P.E. tubing, Schedule 80 PVC and/or D.I. (polyethylene encasement) material and all appurtenances (fittings, bends, gate valves, tees, restraint joints, break joints, curb stops, etc.), trench excavation and restoration, backfilling, disposal of unsuitable/excess fill, bedding, compaction, 12" type B stabilized subgrade, 12" lime rock base and asphalt pavement (2-inch minimum). Payment also includes restoration of affected areas including but not limited to: sidewalk, grass, pavement restoration, asphalt driveway, special driveways (concrete, bricks, paver blocks, stamped/decorative concrete, etc.) and swale restoration.

- D. **Item No. 4 – Fire Hydrant Connection:** Payment for all labor, equipment, materials, delivery, testing and commissioning for all work necessary and required to install new Fire Hydrant (5-<sup>1</sup>/<sub>4</sub>" ) assembly per the approved Contract Documents including but not limited to: Fire Hydrant assembly, 6" Ductile Iron (D.I.) pipe and (D.I.) fitting/appurtenances (bends, gate valves, tees, reducers, offsets, break joints, enlargers, couplings, 6" caps, etc.), polyethylene encasement, restraint joints, trench excavation and restoration, backfilling, disposal of unsuitable/excess fill, bedding, compaction, 12" type B stabilized subgrade, 12" lime rock base, asphalt pavement (2-inch minimum), water system testing and disinfection (sampling points, etc.), concrete slabs, blue reflective pavement markers (RPM) for existing and proposed fire hydrants, locating and protecting all existing utilities, preparation and submittal of shop drawings, sidewalk extension, etc. Payment also includes restoration of affected areas including but not limited to: sidewalk, grass, driveway, swale and concrete elements.
- E. **Item No. 5 – Fire Hydrant Removal:** Removal and delivery of existing fire hydrants (4-<sup>1</sup>/<sub>4</sub>" ) to a location within City limits to be determined by the CITY. Include cut and capping of existing water main, 6" caps, and restoration of affected areas including but not limited to: sidewalk, grass, pavement and swale restoration.
- F. **Item No. 6 – 6-inch PVC (C-900) Pipe and D.I. Fittings:** Payment for all labor, equipment, materials, delivery, testing and commissioning for all work necessary and required to install new 6" (C-900) PVC pipe with D.I. fittings (polyethylene encasement) for proposed water main per the approved Contract Documents. This work shall include but not be limited to: survey, clearing and grubbing, swale restoration, locating and protection of all existing utilities, preparation and submittal of shop drawings, installing storm water pollution prevention devices, dewatering, pipe and all DI fittings/appurtenances, restraint joints, trench excavation, shoring, bedding, backfilling, disposal of unsuitable/excess fill, compaction, valves water system testing and disinfection (sampling points, etc.). Payment also includes pavement restoration for areas impacted by the installation of the complete proposed water system including but not limited to 12" type B stabilized subgrade, 12" lime rock base, asphalt pavement (2-inch minimum) and the restoration of any other affected areas to an equal or better condition.



## SECTION 00300

## PROPOSAL

And the undersigned agrees that in case of failure on his part to execute the said Contract and the Bond within ten (10) days after being presented with the prescribed Contract forms, the check or Bid Bond accompanying his bid, and the money payable thereon, shall be paid into the funds of the City of Hollywood, Florida, otherwise, the check or Bid Bond accompanying this Proposal shall be returned to the undersigned.

Attached hereto is a certified check on the

\_\_\_\_\_ Bank of \_\_\_\_\_

or approved Bid Bond for the sum of 10% of BID TOTAL (\$3,593,975.00)

\_\_\_\_\_ Dollars (\$) according to the conditions under the Instructions to Bidders and provisions therein.

NOTE: If a Bidder is a corporation, the legal name of the corporation shall be set forth below, together with signature(s) of the officer or officers authorized to sign Contracts on behalf of the corporation and corporate seal; if Bidder is a partnership, the true name of the firm shall be set forth below with the signature(s) of the partner or partners authorized to sign Contracts in behalf of the partnership; and if the Bidder is an individual, his signature shall be placed below; if a partnership, the names of the general partners.

WHEN THE BIDDER IS AN INDIVIDUAL:

\_\_\_\_\_  
(Signature of Individual)

\_\_\_\_\_  
(Printed Name of Individual)

\_\_\_\_\_  
(Address)

\*\*\*\*\*

WHEN THE BIDDER IS A SOLE PROPRIETORSHIP OR OPERATES UNDER A TRADE NAME:

\_\_\_\_\_  
(Name of Firm)

\_\_\_\_\_  
(Address)

\_\_\_\_\_  
(Signature of Individual) (SEAL)

SECTION 00300

PROPOSAL

\*\*\*\*\*

WHEN THE BIDDER IS A PARTNERSHIP:

\_\_\_\_\_  
(Name of Firm) A Partnership

\_\_\_\_\_  
(Address)

By: \_\_\_\_\_  
(SEAL)  
(Partner)

Name and Address of all Partners:

\_\_\_\_\_  
\_\_\_\_\_

\*\*\*\*\*

WHEN THE BIDDER IS A JOINT VENTURE:

\_\_\_\_\_  
(Correct Name of Corporation)

By: \_\_\_\_\_  
(SEAL)  
(Address)

\_\_\_\_\_  
(Official Title)

As Joint Venture  
(Corporate Seal)

Organized under the laws of the State of FLORIDA, and authorized by the law to make this bid and perform all Work and furnish materials and equipment required under the Contract Documents.

\*\*\*\*\*

WHEN THE BIDDER IS A CORPORATION:

V ENGINEERING & CONSULTING CORP.

\_\_\_\_\_  
(Correct Name of Corporation)

By: FELIX VALDES  
(SEAL)

SECTION 00300

PROPOSAL

PRESIDENT

\_\_\_\_\_  
(Official Title)

1900 CORAL WAY, SUITE 300, MIAMI FL. 33145

\_\_\_\_\_  
(Address of Corporation)

Organized under the laws of the State of FLORIDA, and authorized by the law to make this bid and perform all Work and furnish materials and equipment required under the Contract Documents.

CERTIFIED COPY OF RESOLUTION OF  
BOARD OF DIRECTORS

V ENGINEERING & CONSULTING CORP.

\_\_\_\_\_  
(Name of Corporation)

RESOLVED that FELIX VALDES

\_\_\_\_\_  
(Person Authorized to Sign)

PRESIDENT \_\_\_\_\_ of V ENGINEERING & CONSULTING CORP.

\_\_\_\_\_  
(Title) (Name of Corporation)

be authorized to sign and submit the Bid or Proposal of this corporation for the following project:

CITY OF HOLLYWOOD

**Water Main Replacement Program (N 72 Ave to N 76 Ave from Polk St to Johnson St)**  
**Project No.: 12-5116**

The foregoing is a true and correct copy of the Resolution adopted by

V ENGINEERING & CONSULTING CORP. at a meeting of its Board of  
\_\_\_\_\_  
(Name of Corporation)

Directors held on the 10TH day of APRIL, 2014.

By: FELIX VALDES

Title: PRESIDENT

(SEAL)

The above Resolution MUST BE COMPLETED if the Bidder is a Corporation.

- END OF SECTION -

J.V.

## SECTION 00301

**CITY OF HOLLYWOOD  
DEPARTMENT OF PUBLIC UTILITIES  
ENGINEERING & CONSTRUCTION SERVICES DIVISION**

**PROPOSAL BID FORM**

Project No.: 12-5116

Project Name: Water Main Replacement Program  
(N 72 Ave to N 76 Ave from Polk St to Johnson St)

If this Proposal is accepted, the undersigned Bidder agrees to complete all work under this contract within 365 calendar days following the issuance of the Notice to Proceed. All entries on this form must be typed or written in block form in ink.

**BASE BID:**

<u>No.</u>	<u>Description</u>	<u>Qty</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total</u>
1	Mobilization (60%) / Demobilization (40%)	1	LS	\$165,000.00	\$165,000.00
2	Water Service Connection (Within Private Property)	605	EA	\$450.00	\$272,250.00
3	Water Service Connection (Within R/W)	377	EA	\$500.00	\$188,500.00
4	Fire Hydrant	32	EA	\$7,000.00	\$224,000.00
5	Fire Hydrant Removal	10	EA	\$300.00	\$3,000.00
6	6-inch PVC (C-900) Pipe and D.I. Fittings	70	LF	\$58.00	\$4,060.00
7	8-inch PVC (C-900) Pipe and D.I. Fittings	24,045	LF	\$49.00	\$1,178,205.00
8	12-inch PVC (C-900) Pipe and D.I. Fittings	2,780	LF	\$50.00	\$139,000.00
9	8-inch D.I. Pipe and D.I. Fittings	160	LF	\$50.00	\$8,000.00
10	12-inch D.I. Pipe and all D.I. Fittings	40	LF	\$100.00	\$4,000.00
11	Cut in Connections to Existing Water Main	7	EA	\$2,500.00	\$17,500.00
12	8"x8" Tapping Sleeve and 8" Tapping Valve	4	EA	\$3,500.00	\$14,000.00
13	8"x8" Tee	31	EA	\$1,500.00	\$46,500.00



J.V.

## SECTION 00301

**CITY OF HOLLYWOOD  
DEPARTMENT OF PUBLIC UTILITIES  
ENGINEERING & CONSTRUCTION SERVICES DIVISION**

**PROPOSAL BID FORM**

14	8"x6" Tee	1	EA	\$1,350.00	\$1,350.00
15	12"x8" Tee	10	EA	\$1,500.00	\$15,000.00
16	12"x12" Cross	1	EA	\$500.00	\$500.00
17	12"x8" Cross	1	EA	\$500.00	\$500.00
18	8"x8" Cross	1	EA	\$600.00	\$600.00
19	12" Gate Valve	5	EA	\$1,500.00	\$7,500.00
20	8" Gate Valve	55	EA	\$1,400.00	\$77,000.00
21	6" Gate Valve	1	EA	\$1,400.00	\$1,400.00
22	12" Cap and Blow Off	1	EA	\$1,500.00	\$1,500.00
23	8" Cap	6	EA	\$350.00	\$2,100.00
24	2" Cap	22	EA	\$250.00	\$5,500.00
25	Cut and Grout Fill	1	LS	\$20,000.00	\$20,000.00
26	1" Milling	75,000	SY	\$1.00	\$75,000.00
27	1" Asphaltic Conc. Pavement (Type SP 9.5)	75,000	SY	\$5.00	\$375,000.00
28	Pavement Marking & Signage	1	LS	\$35,000.00	\$35,000.00
29	Maintenance of Traffic (MOT)	1	LS	\$112,000.00	\$112,000.00
30	Owner's Contingency	1	LS	\$250,000	\$250,000
31	Consideration for Indemnification	1	LS	\$10.00	\$10.00

SECTION 00301

**CITY OF HOLLYWOOD  
DEPARTMENT OF PUBLIC UTILITIES  
ENGINEERING & CONSTRUCTION SERVICES DIVISION**

**PROPOSAL BID FORM**

32	Permit, Licenses, Fee and Material Testing Allowance	1	LS	<u>\$350,000</u>	<u>\$350,000</u>
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**BASE BID TOTAL FOR COMPLETE PROJECT:**

\$3,593,975.00

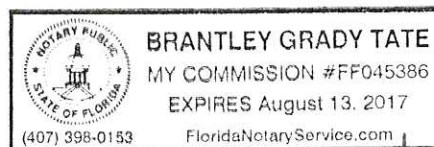
THREE MILLION, FIVE HUNDRED NINETY THREE THOUSAND, NINE HUNDRED SEVENTY FIVE DOLLARS AND ZERO CENTS.

**TOTAL BASE BID IN WRITING**

**NOTES:**

1. **SUBSTANTIAL COMPLETION TIME AND PROJECT CLOSEOUT TIME FOR THE CONTRACT SHALL BE AS DEFINED IN THE PROJECT SCHEDULE IN THE SUPPLEMENTARY GENERAL CONDITIONS (SGC'S).**

*JL Ud*  
4/10/14



*BA SA JA*  
4/10/14

## SECTION 01025

## BASIS OF PAYMENT

- G. **Item No. 7 – 8-inch PVC (C-900) Pipe and D.I. Fitting:** Payment for all labor, equipment, materials, delivery, testing and commissioning for all work necessary and required to install new 8" (C-900) PVC pipe with D.I. fittings (polyethylene encasement) for proposed water main per the approved Contract Documents. This work shall include but not be limited to: survey, clearing and grubbing, swale restoration, locating and protection of all existing utilities, preparation and submittal of shop drawings, installing storm water pollution prevention devices, dewatering, pipe and all DI fittings/appurtenances, restraint joints, trench excavation, bedding, backfilling, water system testing and disinfection. Payment also includes pavement restoration for areas impacted by the installation of the complete proposed water system including but not limited to 12" type B stabilized subgrade, 12" lime rock base, asphalt pavement (2-inch minimum) and the restoration of any other affected areas to an equal or better condition.
- H. **Item No. 8 – 12-inch PVC (C-900) Pipe and D.I. Fitting:** Payment for all labor, equipment, materials, delivery, testing and commissioning for all work necessary and required to install new 12" (C-900) PVC pipe with D.I. fittings (polyethylene encasement) for proposed water main per the approved Contract Documents. This work shall include but not be limited to: survey, clearing and grubbing, swale restoration, locating and protection of all existing utilities, preparation and submittal of shop drawings, installing storm water pollution prevention devices, dewatering, pipe and all DI fittings/appurtenances, restraint joints, trench excavation, bedding, backfilling, water system testing and disinfection. Payment also includes pavement restoration for areas impacted by the installation of the complete proposed water system including but not limited to 12" type B stabilized subgrade, 12" lime rock base, asphalt pavement (2-inch minimum) and the restoration of any other affected areas to an equal or better condition.
- I. **Item No. 9 – 8-inch D.I. and D.I. Fitting:** Payment for all labor, equipment, materials, delivery, testing and commissioning for all work necessary and required to install new 8" D.I. pipe with D.I. fittings (polyethylene encasement) for proposed water main per the approved Contract Documents. This work shall include but not be limited to: survey, clearing and grubbing, swale restoration, locating and protection of all existing utilities, preparation and submittal of shop drawings, installing storm water pollution prevention devices, dewatering, pipe and all DI fittings/appurtenances (polyethylene encasement), restraint joints, trench excavation, bedding, backfilling, water system testing and disinfection. Payment also includes pavement restoration for areas impacted by the installation of the complete proposed water system including but not limited to 12" type B stabilized subgrade, 12" lime rock base, asphalt pavement (2-inch minimum) and the restoration of any other affected areas to an equal or better condition.
- J. **Item No. 10 – 12-inch D.I. and D.I. Fitting:** Payment for all labor, equipment, materials, delivery, testing and commissioning for all work necessary and required to



## SECTION 01025

## BASIS OF PAYMENT

install new 12 D.I. pipe with D.I. fittings (polyethylene encasement) for proposed water main per the approved Contract Documents. This work shall include but not be limited to: survey, clearing and grubbing, swale restoration, locating and protection of all existing utilities, preparation and submittal of shop drawings, installing storm water pollution prevention devices, dewatering, pipe and all DI fittings/appurtenances (polyethylene encasement), restraint joints, trench excavation, bedding, backfilling, water system testing and disinfection. Payment also includes pavement restoration for areas impacted by the installation of the complete proposed water system including but not limited to 12" type B stabilized subgrade, 12" lime rock base, asphalt pavement (2-inch minimum) and the restoration of any other affected areas to an equal or better condition.

- K. **Item No. 11 – Cut in Connections to Exist Water Main:** Payment for all labor, equipment, materials, delivery, testing, commissioning for all work necessary and required to make cut in connections to existing water main of various sizes and various materials per the approved Contract Documents. This pay item also includes unforeseen field conditions including utilities, incorrectly identified pipe sizes or pipe materials and includes all coordination with the City and other stakeholders to make cut in connections either while the existing water system is maintained in service or by temporarily shutting down the existing water system.
- L. **Item No. 12 – 8"x8" Tapping Sleeve and 8" Tapping Valve:** Payment for all labor, equipment, materials, delivery, testing and commissioning for all work necessary and required to install a live tap connection to existing 8-inch water mains including 8"x8" tapping sleeve and 8-inch tapping valve. This work shall include but not be limited to, survey, locating and protection of all existing utilities, polyethylene encasement, preparation and submittal of shop drawings, requirements associated with the installation of the tapping sleeve and valve.
- M. **Item No. 13 – 8"x8" Tee and 8-inch Gate Valve:** Payment for all labor, equipment, materials, delivery, testing and commissioning for all work necessary and required to install an 8"x8" Tee and 8-inch Gate Valve for water main installation. This work shall include but not be limited to, survey, locating and protection of all existing utilities, polyethylene encasement, preparation and submittal of shop drawings, requirements associated with the installation of the tee and gate valve.
- N. **Item No. 14 – 8"x6" Tee and 6-inch Gate Valve:** Payment for all labor, equipment, materials, delivery, testing and commissioning for all work necessary and required to install an 8"x6" Tee and 6-inch Gate Valve for water main installation. This work shall include but not be limited to, survey, locating and protection of all existing utilities, polyethylene encasement, preparation and submittal of shop drawings, requirements associated with the installation of the tee and gate valve.



## SECTION 01025

## BASIS OF PAYMENT

- O. **Item No. 15 – 12"x8" Tee and 8-inch Gate Valve:** Payment for all labor, equipment, materials, delivery, testing and commissioning for all work necessary and required to install a 12"x8" Tee and 8-inch Gate Valve for water main installation. This work shall include but not be limited to, survey, locating and protection of all existing utilities, polyethylene encasement, preparation and submittal of shop drawings, requirements associated with the installation of the tee and gate valve.
- ~~P. **Item No. 16 – 12"x6" Tee and 6-inch Gate Valve:** Payment for all labor, equipment, materials, delivery, testing and commissioning for all work necessary and required to install a 12"x6" Tee and 6-inch Gate Valve. This work shall include but not be limited to, survey, locating and protection of all existing utilities, polyethylene encasement, preparation and submittal of shop drawings, requirements associated with the installation of the tee and gate valve.~~
- P. **Item No. 16 – 12"x12" Cross:** Payment for all labor, equipment, materials, delivery, testing and commissioning for all work necessary and required to install a 12"x12" Cross for water main installation. This work shall include but not be limited to, survey, locating and protection of all existing utilities, polyethylene encasement, preparation and submittal of shop drawings, requirements associated with the installation of the cross.
- Q. **Item No. 17 – 12"x8" Cross:** Payment for all labor, equipment, materials, delivery, testing and commissioning for all work necessary and required to install a 12"x8" Cross for water main installation. This work shall include but not be limited to, survey, locating and protection of all existing utilities, polyethylene encasement, preparation and submittal of shop drawings, requirements associated with the installation of the tee cross.
- R. **Item No. 18 – 12"x6" Cross:** Payment for all labor, equipment, materials, delivery, testing and commissioning for all work necessary and required to install a 12"x6" Cross for water main installation. This work shall include but not be limited to, survey, locating and protection of all existing utilities, polyethylene encasement, preparation and submittal of shop drawings, requirements associated with the installation of the cross.
- S. **Item No. 19 – 12" Gate Valve:** Payment for all labor, equipment, materials, delivery testing and commissioning for all work necessary and required to install a 12" Gate Valve for water main installation. This work shall include but not be limited to, survey, locating and protection of all existing utilities, polyethylene encasement, preparation and submittal of shop drawings, requirements associated with the installation of a Gate Valve.

## SECTION 01025

## BASIS OF PAYMENT

- T. **Item No. 20 – 8" Gate Valve:** Payment for all labor, equipment, materials, delivery testing and commissioning for all work necessary and required to install an 8" Gate Valve **for water main installation**. This work shall include but not be limited to, survey, locating and protection of all existing utilities, polyethylene encasement, preparation and submittal of shop drawings, requirements associated with the installation of a Gate Valve.
- U. **Item No. 21 – 6" Gate Valve:** Payment for all labor, equipment, materials, delivery testing and commissioning for all work necessary and required to install a 6" Gate Valve **for water main installation**. This work shall include but not be limited to, survey, locating and protection of all existing utilities, polyethylene encasement, preparation and submittal of shop drawings, requirements associated with the installation of a Gate Valve.
- V. **Item No. 22 – 12" Cap and Blow Off:** Payment for all labor, equipment, materials, delivery testing and commissioning for all work necessary and required to install a 12" Cap and Blow Off. This work shall include but not be limited to, survey, locating and protection of all existing utilities, polyethylene encasement, preparation and submittal of shop drawings, requirements associated with the installation of a Cap and Blow Off.
- W. **Item No. 23 – 8" Cap:** Payment for all labor, equipment, materials, delivery, testing and commissioning for all work necessary and required to install **an 8" Cap and Blow Off**. This work shall include but not be limited to, survey, locating and protection of all existing utilities, polyethylene encasement, preparation and submittal of shop drawings, requirements associated with the installation of a Cap.
- X. **Item No. 24 – 2" Cap:** Payment for all labor, equipment, materials, delivery, testing and commissioning for all work necessary and required to install a 2" Cap. This work shall include but not be limited to, survey, locating and protection of all existing utilities, polyethylene encasement, preparation and submittal of shop drawings, requirements associated with the installation of a Cap.
- Y. **Item No. 25 – Cut and Grout Fill:** Payment for all labor, equipment, materials and delivery for all work necessary and required to cut and flowable fill existing 6" and larger water mains to be abandoned per the approved Contract Documents.
- Z. **Item No. 26 – Milling:** Payment for all labor and equipment for all work necessary and required to mill 1" of existing asphalt pavement, per the approved Contract Documents. The CITY reserves the right to award any, all, or none of the money associated with this item.
- AA. **Item No. 27 – Asphaltic Concrete Pavement, Type SP 9.5:** Payment of all labor, equipment, materials, testing and delivery for all work necessary and required to



## SECTION 01025

## BASIS OF PAYMENT

pave 1" of asphalt pavement, Type SP 9.5 structural course per current FDOT standards. In addition, payment also includes but is not limited to tack coat, speed humps and other asphalt related items on roadway right of way (Not for driveways or trench restoration). The CITY reserves the right to award any, all, or none of the money associated with this item.

- BB. **Item No. 28 – Pavement Marking & Signage:** Payment for all labor, equipment, material and delivery for all work necessary and required to install pavement markings (temporary and permanent) and signage as indicated on plans. This item includes the restoration of any striping and signage that is affected by construction that may not be shown on the plans (Coordinate with EOR prior to such restoration). This work shall also include but not be limited to stripes (various), RPMs, 10-30 skip, pavement message, speed hump markings, removal and relocation of signs, new sign installation, replacement of damages signs (whether shown on the plans or not within project limits), modification to existing signs.
- CC. **Item No. 29 – Maintenance of Traffic:** Payment for all labor, equipment, material, delivery, design and permitting for all work necessary and required to maintain traffic within the limits of the project for the duration of the construction period, including any temporary suspensions of the work and closure notifications to the CITY as well as residents. This includes resources required to create, modify and permit MOT plans with Broward County Traffic Engineering Division and all applicable jurisdictional agencies as well as to construct and maintain detours. Provide facilities needed to maintain access to residences, businesses, etc., within the project limits. MOT includes all facilities, temporary asphalt, devices and operations as required for the safety and convenience of the public within construction related areas at all times.
- DD. **Item No. 30 – Owner's Contingency:** Included in this allowance is work associated with undefined, unforeseen or unaccounted for conditions that may develop during construction. All work authorized for payment within this pay item will be authorized in writing by the CITY. The amounts to be paid shall be at the sole discretion of the CITY. The CITY reserves the right to award any, all, or none of the money associated with this allowance.
- EE. **Item No. 31 – Consideration for Indemnification:** In recognition of the CONTRACTOR'S indemnification obligations, the CITY will pay to the CONTRACTOR the specific consideration of ten dollars (\$10.00). Payment of said specific consideration shall be made at the time of the payment of the first progress estimate and the CONTRACTOR shall acknowledge payment of this consideration by letter to the CITY after receipt of the progress payment.

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BASIS OF PAYMENT

- FF. **Item No. 32 – Permits, Licenses, Fee and Material Testing Allowance:** The allowance indicated for this item is to pay for all permits, licenses, other fees and material testing required of the CONTRACTOR per the approved Contract Documents. The allowance shown on the Schedule of Bid Prices is an estimate of fees required. Payment will be based on the actual permit, license, fee paid directly to agency or invoiced from Testing Company (for tests that meet criteria only) documented by paid receipts, specifically excluding any labor, mark-up, overhead and profit, administration and other costs involved in obtaining permits or licenses or paying fees or work associated with testing. Fees specifically excluded from this allowance include but are not limited to re-inspection fees, expired permit fees, and failed tests. The CITY will select the Testing Company to perform all testing for this Contract. The CITY reserves the right to award any, all, or none of the money associated with this allowance.

- END OF SECTION -



SECTION 15001

WATER SERVICES AND MISCELLANEOUS FITTINGS

**Part 1 - GENERAL**

1.01 SCOPE

- A. This Section consists of furnishing water piping complete with fittings, couplings, adapters, valves, and other appurtenances required during construction due to piping relocation or replacement.

1.02 GENERAL INFORMATION AND DESCRIPTION

- A. The pipe and fittings shall be furnished by fully qualified manufacturers experienced in the fabrication, casting and manufacture of the pipe materials specified herein. The pipe and fittings shall be designed, fabricated and installed in accordance with the best practice of the trade and the standards specified herein.
- B. Pipe materials shall be the same as the existing pipe being replaced or relocated. Unless otherwise shown on drawings.
- C. No material furnished under this specification shall be shipped to the job site until all submittals have been reviewed.
- D. All new domestic services shall be Polyethylene tubing per City of Hollywood Standard Detail W-11
- E. CONTRACTOR shall coordinate all work with City of Hollywood Department of Public Utilities staff

1.03 RELATED WORK

- A. Section 02222 - Excavation and Backfill for Utilities
- B. Section 02515 – Water Services Connections and Transfers

1.04 SUBMITTALS

- A. The CONTRACTOR shall submit Shop Drawings in accordance with the procedures and requirements set forth in Section 01300 - Submittals.
- B. Each submittal shall be complete in all aspects incorporating all information and data listed herein and all additional information required to evaluate the proposed piping material's compliance with the Contract Documents. Partial or incomplete submissions will be returned to the CONTRACTOR without review. Data to be submitted shall include, but is not limited to: catalog data consisting of specifications, illustrations and a parts schedule that identifies the materials to be used.
- C. The CONTRACTOR shall submit to the ENGINEER certified shop tests in accordance with the Section 01300 - Submittals.

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## WATER SERVICES AND MISCELLANEOUS FITTINGS

- D. The CONTRACTOR shall submit to the ENGINEER certified letters of compliance in accordance with the Section 01300 - Submittals.

**Part 2 - PRODUCTS**

## 2.01 FITTINGS

- A. All fittings shall be marked with the manufacturer's name or trade mark, size, class or pressure rating, and the date of manufacture in accordance with the standards specified herein. All ductile iron pipe fittings must be manufactured in the U.S.A. (no substitution).

## 2.02 POLY VINYL CHLORIDE (PVC) FOR USE IN POTABLE WATER SERVICES 2-INCH NOMINAL DIAMETER AND LESS (SCHEDULES 40 AND 80)

- A. Poly vinyl chloride (PVC) pipe and fittings specified herein are small diameter PVC with threaded, flanged and solvent cemented joints. All poly (vinyl chloride) (PVC) pipe and fittings shall be made from high impact, rigid poly (vinyl chloride) compounds. Pipe and fittings shall be marked indicating size, type and schedule, ASTM Designation, manufacturer or trade mark, and shall bear the NSF (National Sanitation Foundation) seal of approval. Wherever the abbreviation PVC is used in these Specifications in relation to pipe and fittings, it shall mean poly (vinyl chloride) plastic pipe and fittings as specified herein.
- B. PVC pipe shall be Schedule 80 as called for on the Drawings or by the ENGINEER, Type I, Grade I, or Class 12454B with socket ends, and shall comply with ASTM Standard D1785, "Poly (Vinyl Chloride) (PVC) Plastic Pipe, Schedules 40, 80 and 120".
- C. Schedule 80 socket-type fittings shall comply with ASTM Standard D2467, "Socket-Type Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80" and D2464 "Specification for Threaded Poly Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80, for threaded fittings.
- D. Joining cement for PVC pipe and fittings shall comply with ASTM Standard D2564, "Solvent Cements for Poly (Vinyl Chloride) (PVC) Plastic Pipe and Fittings". Cemented joints shall be made in accordance with ASTM Standard D2855, "Recommended Practice for Making Solvent-Cemented Joints with Poly (Vinyl Chloride) (PVC) Pipe and Fittings".
- E. Flanges: One piece molded hub type flat face flanges, 125 pound standard as specified under fittings hereinbefore.
- F. Gaskets: Full faced, 1/8-inch thick, SBR (for water).
- G. AISI Type 316 stainless steel, ASTM A193, Grade B8M hex bolts and ASTM A194 Grade E8 hex head nuts. Bolts west of US-1 shall be carbon steel. Bolts



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## WATER SERVICES AND MISCELLANEOUS FITTINGS

shall be fabricated in accordance with ANSI B 1812 and provided with washers of the same materials as the bolts.

2.03 HIGH DENSITY POLYETHYLENE (HDPE) FOR USE IN POTABLE WATER SERVICES 2-INCH NOMINAL DIAMETER AND LESS

- A. All 2-inch high density polyethylene (HDPE) pipe used for services shall be IPS-O.D. Controlled with Standard Outside Dimension Ratio (DR) of 9, pressure rating of 200 psi, nominal outside diameter of 2.375-inches, minimum wall thickness of 0.264-inches, PE 3408, all in conformance with ASTM D3035-95 "Polyethylene (PE) Plastic Pipe (DR-PR) Based on Controlled Outside Diameter". Pipe shall be in conformance with ANSI/AWWA C901-96 "Polyethylene (PE) Pressure Pipe and Tubing, ½ In. (13 mm) Through 3 In. (76 mm), for Water Service" as modified herein. Pipe shall have a (natural) inner core with a blue colored outer shell. Pipe shall have footage marks at a maximum interval of every two feet.
- B. Polyethylene material shall have a minimum cell classification in accordance with ASTM D3350-00 "Polyethylene Plastics Pipe and Fitting Materials" of 345444D for the core, which shall be 100% virgin material, and 345444E for the outer shell. Note that both of these materials are UV stabilized as signified by the "D" for natural colored and "E" for the colored shell. Pipe shall be in conformance with NSF 61 or 14. Manufacturer shall supply certification of compliance with all of the above requirements. Certification shall ship with the pipe on material sold to the CITY and shall always be submitted with shop drawings and catalog cuts. When required by the Director of the Department of Public Utilities and/or the Engineer of Record, certification shall be signed and sealed by a professional engineer licensed to practice in the state in which the manufacturer is located or in the State of Florida.
- C. All mechanical fittings utilized with HDPE pipe and tubing services shall:
  - 1. Conform with ANSI/AWWA C800-01 "Underground Service Line Valves and Fittings" as modified herein
  - 2. Utilize AWWA Standard (Mueller) threads on tapped pipe and tapping saddles
  - 3. Be designed and manufactured to withstand a sustained working pressure of 150 psi and to restrain the pipe against pull-out under loading beyond the tensile yield of the HDPE pipe or tubing to which it is connected.
  - 4. Be supplied by the manufacturer with a certification of these capabilities and fittings shall not be accepted or installed without said certification. If fittings are being supplied to the CITY, the certification shall ship with the fittings and payment will not be made without this certification. At the

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discretion of the ENGINEER, this certification may be required to be signed and sealed by a professional engineer licensed to practice in the state where the supplying firm is located, or in the State of Florida. His decision in this regard shall be final. In all cases, fittings shall be installed in strict accordance with the manufacturer's instructions.

2.04 BACKFLOW PREVENTION DEVICES (Not Used)

2.05 BALL METER VALVES

3/4", 1", 1-1/2" and 2" (B43-342W, B43-444W, BF43-666W & BF43-777W) ball meter valves shall be manufactured by Ford Meter Company. No substitutions. Control gate valves shall be Nibco Scott T-133 or T-136. No substitutions.

2.06 PACK JOINT COUPLINGS:

3/4", 1", 1-1/2" and 2" Pack joint couplings for cooper or plastic tubing (C44-33, C44-44, C44-66 & C44-77) and for male iron pipe threads (C84-33, C84-44, C84-66 & C84-77) shall be manufactured by Ford Meter Company. No substitutions.

2.07 INSERT STIFFENERS AND ACCESSORIES:

1", 1-1/2" and 2" (INSERT-52, INSERT-74-DR11 & INSERT-75-DR11) insert stiffeners and accessories be manufactured by Ford Meter. No substitutions.

2.08 BALL VALVE CURB STOPS:

3/4" (B11-333 & BL11-344-4.5) ball valve curb stops with iron pipe threads shall be manufactured by Ford Meter Company. No substitutions.

2.09 METER FLANGES:

1-1/2" and 2" (CF31-66 & CF31-77) Outlet meter flanges shall be manufactured by Ford Meter Company. No substitutions.

2.10 STRAIGHT METER COUPLINGS:

3/4" and 1" (C38-23-2.5 & C38-44-2.625) straight meter couplings shall be manufactured by Ford Meter Company. No substitutions.



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2.11 "U" BRANCH PIECES:

1" and 1-1/2" (U48-43-spacing & U48-64-9-spacing) "U" branch pieces shall be manufactured by Ford Meter Company. No substitutions.

2.12 ANGLE "U" BRANCH PIECES:

1" (UA48-43-65) Angle "U" branch pieces shall be manufactured by Ford Meter Company. No substitutions.

2.13 LINESETTERS:

3/4" and 1" (LSVB18-133W & LSVB21-444W) optional linesetters shall be manufactured by Ford Meter Company. No substitutions.

2.14 CALIBRATED PRESSURE RELIEF VALVES:

Use 1/2" and 3/4" WATTS 530C calibrated pressure relief valves or CITY approved equal or CITY approved equal or CITY approved equal.

2.15 CHECK VALVES:

Refer to Section 15115, "Check Valves"

2.16 DOUBLE CHECK VALVE ASSEMBLIES:

Refer to Section 2.04 above.

2.17 CORPORATION STOPS

A. Corporation stops for one (1) inch services shall have AWWA thread inlet and a compressive connection outlet suitable for service pipe. Corporation stops for two (2) inch services shall be ball valves and have outside iron thread inlet and a compression connection outlet suitable for service pipe. Corporation stops shall meet AWWA C800, latest revision and be made of no-lead brass.

B. Corporation Stop Manufacturers or Equal:

1. Mueller
2. Ford
3. Hays Manufacturing Company

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2.18 FLEXIBLE COUPLINGS

Flexible couplings shall be straight cast couplings and shall be Rockwell International No. 431, or equal.

2.19 UNION

- A. Copper-to-copper union.
- B. Union Manufacturers or equal:

- 1. Mueller H-15400
- 2. Hays Manufacturing Company 5615

2.20 CURB STOPS

Curb stops shall meet AWWA C800, latest revision and shall be Ford.

2.21 CURB BOXES

Curb boxes shall be two (2) feet long, extension type, arch pattern base, Mueller or equal, and furnished with lids and plugs.

2.22 METER STOP

Meter stops shall be manufactured by Ford.

2.23 METER YOKES

The meter yokes shall be Ford.

2.24 ANGLE VALVES

Angle valves for the one (1) inch and two (2) inch meter installations shall be Ford.

2.25 CASING PIPE

Casing pipe shall be Schedule 80 PVC or black iron, or equal, as determined by ENGINEER.

2.26 METER BOXES AND VAULTS FOR WATER SERVICE

- A. The CONTRACTOR shall furnish and install all meter boxes and vaults required for new and/or relocated water services. All concrete meter vaults shall be manufactured in accordance with the applicable provisions of ASTM

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C858, "Underground Precast Concrete Utility Structures", in accordance with the CITY's Standard Details and as specified herein. All materials used in the production of the concrete meter boxes and vaults shall be new and of recent manufacture. Aggregates shall not originate in salt or brackish water areas and no calcium chloride containing admixtures shall be used.

- B. Fine aggregate for concrete mixes shall consist of sand or stone screening, composed of hard durable grains, free of foreign matter such as loam, clay, dirt, organic matter or other impurities. Fine aggregate shall conform to the following gradation requirements:

<u>Size Sieve</u>	<u>Percent Passing</u>
3/8"	100
No. 4	90 to 100
No. 8	70 to 95
No. 16	50 to 85
No. 30	30 to 70
No. 50	10 to 45
No. 100	0 to 10

- C. Coarse aggregate for concrete mixes shall consist of gravel, broken stone or local limerock. Coarse aggregate shall be hard, durable and free of foreign matter such as loam, clay, dirt, organic matter or other impurities. It shall be free of adherent coatings. Coarse aggregate shall conform to the following gradation requirements:

Meter Boxes

<u>Size Sieve</u>	<u>Percent Passing</u>
3/4"	100
1/2"	90 to 100
3/8"	40 to 70
No. 4	0 to 85
No. 8	0 to 5

Meter Vaults

<u>Size Sieve</u>	<u>Percent Passing</u>
1-1/2"	100
1"	95 to 100
1/2"	25 to 60
No. 4	0 to 10



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No. 8 0 to 6

- D. Cement shall be a standard brand of Portland cement meeting the requirements of ASTM C150-86, "Portland Cement", Type I. Different brands of cement, even if tested and approved, shall not be used.
- E. The forms shall be made from of a non-porous material with smooth surfaces and shall be accurate and strong enough to maintain the structure's dimensions within one half of the allowable tolerances given in Section 3.4 of ASTM C858. Forms shall be cleaned before each use, and shall be free of paint or other protective coatings that might cling to the surface of the concrete. Releasing agents applied to the form to aid in breaking the bond shall not be injurious to the concrete. Steel reinforcing shall be securely positioned in the form to maintain the concrete cover shown on the Standard Details.
- F. All reinforcing steel shall be free of rust, grease, dirt or mortar and shall be thoroughly cleaned of any such foreign matter or loose mill scale before being placed in position.
  - 1. Wire reinforcement shall conform to ASTM A82, "Steel Wire, Plain, for Concrete Reinforcement".
  - 2. Wire mesh reinforcement shall conform to ASTM A185, "Steel Welded Wire, Fabric, Plain for Concrete Reinforcement".
  - 3. Bar reinforcement shall conform to ASTM A615-7a, "Deformed and Plain Billet-Steel Bars for Concrete Reinforcement", Grade 60, deformed, except that steel manufactured by the Bessemer process will not be accepted.
- G. Concrete mix for meter vaults:
  - 1. The aggregates shall be sized, graded, proportioned and thoroughly mixed in a batch mixer with proportions of cement and water that will produce a homogeneous concrete having a compressive strength of 3500 psi at 28 days of age for the boxes and plates and 3000 psi for the vaults after the same curing period.
  - 2. Batched concrete shall be made in standard concrete mixers only, and not in mortar boxes, wheelbarrows or similar equipment.
  - 3. Mixers shall be standard mechanical (power-driven) rotary type for concrete. Mixers normally used for mortar or plaster mixing will not be permitted.
  - 4. Concrete shall be placed either by gravity into the form at a rate such that the concrete is plastic at all times and flows readily into all parts of

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- the form and around all reinforcement steel without segregation of materials, or by high speed pneumatic rammer resulting in dense, evenly compacted concrete without disturbing the reinforcement. The surfaces from top to bottom shall show uniform compaction.
5. The top surface of the molded items shall be flat and finished smooth while in the mold. Capping will not be permitted. Where required by the CITY, corners shall be rounded.
  6. Curing shall be by any method or combination of methods that will develop the required compressive strength within 28 days or less.
- H. Water used in mixing concrete that is not in the form of surface moisture on the aggregate shall be from the CITY's water supply or other approved source.
- I. The precast units may not be repaired without specific approval by the CITY.
- J. The quality of materials, manufacturing process, and the finished units shall be subject to inspection at any time by the CITY, and the supplier shall afford access for this purpose, if so required.
- K. Prior to installation of any of the above mentioned units, the CONTRACTOR shall furnish the ENGINEER, upon his request, a statement giving the following information:
1. Name of manufacturer.
  2. The source and type of cement.
  3. The source and specific gravities of the aggregates.
  4. The concrete mix proportions, and strength at 28 days.
  5. Name of admixtures, if any.
  6. Mill certificates for the reinforcement steel.
  7. Source of water.
- L. The precast units shall be subject to reject, either at the manufacturing plant or at delivery, upon failure to conform to any of the specified requirements herein. The following imperfections shall also be cause for rejection:
1. Defects that indicate any imperfect concrete mixing and molding.
  2. Surface defects such as honey-combed or open textured and damaged area which would affect the structural adequacy.
  3. Repaired areas or capping.
  4. Improper radius at corners or improper tolerances.
- M. Water meter boxes shall be concrete, as manufactured by BROOKS PRODUCTS or City-approved equal, in the following models:

<u>Size/Type Meter</u>	<u>Model</u>



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5/8-inch & 3/4-inch single meter	36 MB Series
5/8-inch & 3/4-inch dual meter	11-2 MB Series
1-inch meter	37 MB Series
1-1/2-inch meter	38 MB Series
2 and 3-inch meters	66 MB Series

## 2.27 METER BOX COVERS:

- A. Water meter covers shall be manufactured of recycled composite plastic, RHC Rubber and a UV stabilizer material. Covers shall be ROHS compliant (Restrictions pertaining to the use of certain Hazardous Substances) not to exceed the maximum allowed levels of the following substances: lead, Mercury, Cadmium, Hexavalent Chromium, PBB and PBDE.
- B. The Water Meter Covers shall be H-20 load rated, ADA compliant, non-metallic suited for radio read, and constructed with a non-skid black surface pattern. The Covers shall be sized to fit all meter boxes of the appropriate type (refer to Section 2.26 above) and be of the drop-in lid type.
- C. The covers for the meter boxes shall have the words "WATER METER", plus the manufacturer's name and country of origin permanently marked on the top surface of the lid or cover for ease of identification. The letter size may range from 3/8" to 3/4" with the larger size lids or covers having the larger size letters. The letters on the lids or covers shall be slightly raised.
- D. Covers shall have mating surfaces so that mating parts will not rattle or rock under traffic. The lifting eye in lids shall be 1/2" wide by 2 1/2" long x 1" deep with the longest dimension parallel to the longest axis. Lifting pin shall be stainless steel 1/4" in diameter.
- E. The Water Meter Covers shall have a recessed cavity and a through hole for the installation of the electronic radio transmitters (ERT). The recessed cavity on top of cover shall have an outside diameter of 4 1/16" While the through hole shall measure 1 3/4" inches in diameter. ERT unit shall sit flush on top of lid after installation to prevent tripping.

Type	Length	Width
MB36	15 3/8	10 1/8
MB37	18	11 1/4
MB38	23 1/4	13 3/4
MBDual	16 1/2	14 1/2

- F. The Covers shall come with a ten (10) year warranty and shall be replaced at no cost by the manufacturer if lid fails during the warranty period. All standard



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Water Meter Box Covers shall be similar to "Pentek Access Boxes" or approved equal. The above standards shall be certified by the manufacturer prior to installation. The CITY reserves the right to limit the weights of the items to be furnished for ease in handling. The thickness of covers shall be consistent throughout, so that when the covers are in place the top surfaces are level with the frame of the box.

- G. CONTRACTOR should be aware the CITY periodically checks materials supplied for conformance to these specifications, which shall include materials testing, dimensions and tolerances, component weights, markings, finish, fit and such other matters as are necessary to assure supply of products meeting City requirements. Sample tests performed during shop drawing submittals will be at the CONTRACTOR's expense. If passed, it will be at the CITY's expense. Any re-testing due to materials not passing the tests shall be at the CONTRACTOR's expense.
- H. CONTRACTOR shall provide test-based certifications from the manufacturer that Water Meter Covers are not buoyant or near neutral buoyancy and that their specific gravity is 1.10 or greater. Documentation certifying the water meter box covers meets the specific buoyancy and gravity requirements must be submitted along with the six copies of shop drawings. The CITY shall conduct buoyancy testing procedures verifying that covers will meet the no floating and specific gravity requirements set forth in these Specifications. During the testing procedure Water Meter Covers shall sink immediately and remain submerged at the bottom of any testing reservoir filled with salt water. Samples of all water meter box covers stipulated in this bid shall be submitted upon written notification by the CITY. Samples will be sent for examination and testing by testing laboratory retained by the CITY.

## 2.28 TAPPING SADDLES:

Double strap tapping saddles shall be constructed of 316 stainless steel, with neoprene gaskets cemented to the saddle body, and iron pipe threads designed to withstand a working pressure of five hundred (500) psi and accurately fit the pipe for which it is intended. The straps shall be forged steel with curvature accurately designed to fit pipe. All nuts and straps including threads shall be 316 stainless steel. Tapping saddles shall be Mueller K-10509, Clow F-1280, Smith Blair, or approved equal.

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## 2.29 DRESSER COUPLINGS:

Dresser couplings shall be regular black couplings with plain gaskets. They shall be Dresser Style 90 with no substitutions allowed. Polyethylene liner shall be used to fully encase the dresser couplings.

## 2.30 MEGATAPE:

Megatape and locating metal wire to be buried 18 inches below finished grade over any PVC or HDPE water mains, sewage force mains or service lines (no exceptions).

## 2.31 LINE STOP FITTING:

Valve cut-in on the existing water main shall be performed under pressure using line stop fittings. The body of the fittings shall be carbon steel conforming to ASTM A-36. The flange shall be steel flanges Class D, conforming to AWWA C207 with stainless steel bolts and nuts. The line stop fitting shall be manufactured by International Piping Services Company (1-407-843-2800), or equal.

## 2.32 FIRE HYDRANTS:

- A. All fire hydrants shall be of the dry-barrel type and shall conform in design, material and workmanship to AWWA C502. Hydrants shall have five and one-quarter inch main valve opening and a three way nozzle arrangement. The connection pipe shall be ductile iron pipe conforming to AWWA C151, Class 52.
- B. The depth of bury, measured from the bottom of the connecting pipe to the ground line of the hydrant shall be three feet six inches minimum. Exact depth at each location shall be determined by depth of line to which the hydrant is connected.
- C. Inlet connection shall be six-inch mechanical joint. Typical installation detail is shown in the Contract drawing.
- D. Two - 2-1/2 inch hose nozzles and one - 4-1/2 inch pump nozzle connection threads shall conform to NFPA No. 194 (ANSI B26) Standard for Screw Threads and Gaskets for Fire Hose Couplings.
- E. Hydrants shall be furnished with accessories to include mechanical joint follower rings with set screws and at least one adjustable hydrant wrench with spanner included with every ten hydrants supplied. Barrel extension sections shall not be allowed on new fire hydrants, except by special permission from the ENGINEER.



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- F. There shall be no shrubbery planted within 6 feet of any fire hydrant.
- G. All fire hydrants shall be Mueller Super Centurion Model A-423 or American Darling Model B84B, with no substitutions allowed.

2.33 BACTERIOLOGICAL SAMPLE POINTS:

- A. Bacteriological sample points shall be provided in accordance to Broward County Health Department Standard Details, Specifications Policies and Procedures for Water Distribution.
- B. Sampling point shall not be removed until approval is obtained from Broward County Health Department.

2.34 FITTINGS

- A. Refer to Section 15000 - Piping General.

**Part 3 - EXECUTION**

3.01 GENERAL

- A. Proper and suitable tools and appliances for the safe convenient handling and laying of pipe shall be used and, in general, conform to manufacturer's recommendations. At the time of laying, the pipe shall be examined carefully for defects, and should any pipe be discovered to be defective after being laid, it shall be removed and replaced with sound pipe by the CONTRACTOR at his expense.
- B. Pipe and fittings shall, at all times, be handled with great care to avoid damage. In loading and unloading, they shall be lifted with cranes or hoists or slid or rolled on skidways in such manner as to avoid shock. Under no circumstances shall this material be dropped or allowed to roll or slide against obstructions. Pipe and other material shall be distributed along the right-of-way in advance of installation only to the extent approved by the ENGINEER. Such materials shall be so placed as to keep obstruction to traffic minimum.
- C. Upon satisfactory completion of the pipe bedding, a continuous trough for the pipe barrel and recesses for the pipe bells, or couplings, shall be excavated by hand digging. When the pipe is laid in the prepared trench, true to line and grade, the pipe barrel shall receive continuous, uniform support with no pressure being exerted on the pipe joints from the trench bottom.
- D. Pipe shall be installed in accordance with the manufacturer's recommendation. Before being lowered into the trench, the pipes and accessories shall be carefully examined and the interior of the pipes shall be thoroughly cleaned of all foreign matter by methods acceptable to the ENGINEER. During



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suspension of work, for any reason, at any time, a suitable stopper shall be placed in the end of the pipe last laid to prevent mud or other foreign material from entering the pipe. Any pipe which is disturbed or found defective shall be immediately removed and replaced with sound pipe.

- E. Lines shall be laid straight.
- F. Any work within the pipe and fittings shall be performed with care to prevent damage to the interior wall of the pipe. Damaged interior walls shall be repaired or the pipe section or fitting replaced as required by the ENGINEER. No cables, lifting arms, hooks or other devices shall be inserted into the pipe or fitting. All lifting, pulling or pushing mechanisms shall be applied to the exterior of the pipe or fitting.
- G. After pipe has been laid, reviewed and found satisfactory, sufficient backfill shall be placed along the pipe barrel to hold the pipe securely in place during the conduction of the required tests.

## 3.02 HYDRANT INSTALLATION

- A. All fire hydrants shall be installed in strict accordance with the manufacturer's published recommendations, AWWA Standards, and all applicable codes, and the applicable provisions of this Section. All installations shall be to the satisfaction of the local fire and building department.
- B. New fire hydrants and branch runs shall be installed by the CONTRACTOR where shown on the Plans and in accordance with the Standard Details herein. Installation of a new fire hydrant shall include excavation, installation of the branch run, installation of the hydrant on the branch run, the concrete anchor at the hydrant elbow, protective concrete slab in non-sidewalk areas, replacing concrete sidewalk when in sidewalk area; steel posts filled with concrete, where required; plastic warning posts where required in FDOT right of way; backfilling and compaction. Fire hydrants shall be touched up or repainted with paint, as specified, where necessary, and the same type of paint shall be used to paint the guard posts after treating the galvanized surface with a neutralizer.
- C. All hydrants isolating valves with slip joints, friction type, or caulked joint connections shall be harnessed to the main pipe by means of welded steel harness sets, or clamps and steel rods, designed for this purpose. Dry barrel fire hydrants shall be set on a bed of pea gravel not less than 18 inches deep and 3 feet square, for drainage, or as required by local regulations and conditions.
- D. All 6-inch valve additions can be performed with partial-localized system isolation with the approval of the ENGINEER and proper notifications/coordination with the CITY (i.e. 48 hours minimum prior notice).

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- E. Existing concrete thrust blocks shall be removed.
- F. Restrained joints shall be placed at all joints of fire hydrant and pipe connections.

## 3.03 INSTALLATION OF WATER SERVICES

~~High Density Polyethylene (HDPE) Pipe with Standard Outside Dimension Ratio (DR) of 9 shall be used for water services  $\leq 3$ "~~

- A. Water service connections on both Private Property and Right of Way will be provided per approved Contract Documents. All ~~HDPE~~ services require the use of a 10 gauge stranded copper blue tracer wire.
- B. ~~2-Inch Services: Services on right of way from the new water mains shall consist of corporation stops, 2-inch HDPE tubing, curb stops and terminal fittings as shown in the City of Hollywood Standard Details.~~ The services shall be installed per approved Contract Documents. All meter boxes shall be installed in non-traffic and non-parking areas.
- C. Meter boxes are to be located outside sidewalk areas and will require a concrete support. Concrete supports shall be installed to the established line and grade. Construct a 3'x3'x6" reinforced concrete slab. Meter boxes shall be set flush with the top of the ground.
- D. All bends in copper tubing shall be made with an approved type tube bender to the satisfaction of the ENGINEER. Flattened, out of round or kinked tubing will not be permitted.
- E. ~~Water service connection within public right of way from the right of way line to the proposed water main per the approved Contract Documents shall include but not be limited to the cut and capping of existing service lines, cap sizes less than 2 inch, 3" min schedule 80 PVC casing pipe, pipe of various sizes (less than 4 inch), P.E. tubing, Schedule 80 PVC and/or D.I. (polyethylene encasement) material and all appurtenances (fittings, bends, gate valves, tees, restraint joints, break joints, curb stops, etc.), trench excavation and restoration, backfilling, disposal of unsuitable/excess fill, bedding, compaction, 12" type B stabilized subgrade, 12" lime rock base and asphalt pavement (2-inch minimum). Also, includes restoration of affected areas including but not limited to: sidewalk, grass, pavement restoration, asphalt driveway, special driveways (concrete, bricks, paver blocks, stamped/decorative concrete, etc.) and swale restoration. Each 1-inch service connection to be installed on Right of Way will be one of the following:~~



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1. ~~Short Single~~ Consisting of a short run of 1-inch HDPE tubing from the main on the same side of the street as the relocated existing meter, to the right of way line.
  2. ~~Long Single~~ Consisting of 2-inch diameter HDPE tubing connected to a main on the opposite side of the street from the relocated existing meter, requiring additional HDPE tubing to cross the street to the right of way, and requiring a 3-inch (min.) PVC or black iron casing pipe, to be installed under the street pavement 2 feet beyond the edge of pavement on each side.
  3. ~~Short Dual~~ Consists of a run of 2-inch HDPE tubing from the main on the same side of the street as the relocated existing meter, to the right of way line.
  4. ~~Long Dual~~ Same as above but from a main on the opposite side of the street from the relocated existing meter, requiring additional HDPE tubing to cross the street to the right of way, and requiring a 3-inch (min.) PVC or black iron casing pipe, to be installed under the street pavement 2 feet beyond the edge of pavement on each side.
- F. Water service connection within private property from the back to the front of houses up to the right of way line per the approved Contract Documents regardless of the route and/or field conditions shall include but not be limited to the relocation of existing meters, new meter box, capping of existing service lines, cap sizes less than 2 inch, Schedule 80 PVC and all appurtenances (fittings, valves, curb stops, etc.), trench excavation and restoration, backfilling, disposal of unsuitable/excess fill, all work associated with obtaining a plumbing permit and property owners' permission for each property. Also, includes restoration of affected areas including but not limited to: sidewalk, grass, concrete elements, asphalt driveways, special driveways (concrete, bricks, paver blocks, stamped/decorative concrete, etc.), asphalt pavement (2-inch minimum) and swale restoration. ~~Each 1-inch service connection to be installed on Private Property will consist of a run of 1-inch HDPE tubing from the back of property houses on the same side of the street as the relocated meter, to the right of way line.~~

## 3.04 INSTALLATION OF METER BOXES AND METERS

- A. Meters and meter boxes shall be installed by the CONTRACTOR as shown on the Drawings. Finish grade of completed meter enclosure shall be flush with existing ground or as shown otherwise. Meter boxes shall be set or constructed plumb with the top set to conform to the slope of the finish grade. Lightly compacted earth backfill shall be placed inside of the meter boxes to



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depth indicated. Grade adjustment of the meter boxes shall be by using standard extension sections for the box specified. Install meter in a horizontal position with the meter dial or dials at a depth below the cover as shown on the Drawings. Backfill around meter vaults as specified for adjoining pipe.

- B. Water meters shall be reinstalled by the CONTRACTOR. Corporation stops shall be in the open position and angle stops shall be closed, prior to reinstallation of the meter.
- C. Withhold reinstalling meters until the new water system is ready for operation. The remainder of the service connection, excluding the meter, may be installed at any time during or after construction of the main.
- D. Where existing meters are designated for relocation, CONTRACTOR shall read, record, and submit existing meter readings on the form supplied by the CITY prior to removal of meters, and after completion of relocation work. CONTRACTOR shall furnish ENGINEER and CITY with copies of all meter readings on a monthly basis or as requested by the ENGINEER.

3.05 TESTING AND DISINFETION OF WATER MAIN LINES

Refer to Section 15995 - Pipeline Testing and Disinfection.

3.06 TESTING AND DISINFETION OF WATER SERVICE LINES

Refer to Section 02515 – Water Service Connections and Transfers.

- END OF SECTION -



