



**Department of
Design and
Construction**

**THE CITY OF NEW YORK
DEPARTMENT OF DESIGN AND CONSTRUCTION
DIVISION OF INFRASTRUCTURE**

30-30 THOMSON AVENUE
LONG ISLAND CITY, NEW YORK 11101-3045
TELEPHONE (718) 391-1000
WEBSITE www1.nyc.gov/site/ddc/index.page

LAW

VOLUME 1 OF 3

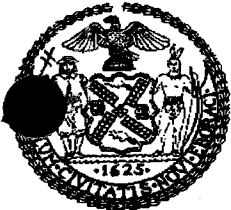
BID BOOKLET

FOR FURNISHING ALL LABOR AND MATERIALS NECESSARY AND REQUIRED FOR:

PROJECT ID: BEDA003

**ACCELERATED DISTRIBUTION WATER MAIN REPLACEMENT AND
SEWER REHABILITATION / REPLACEMENT**

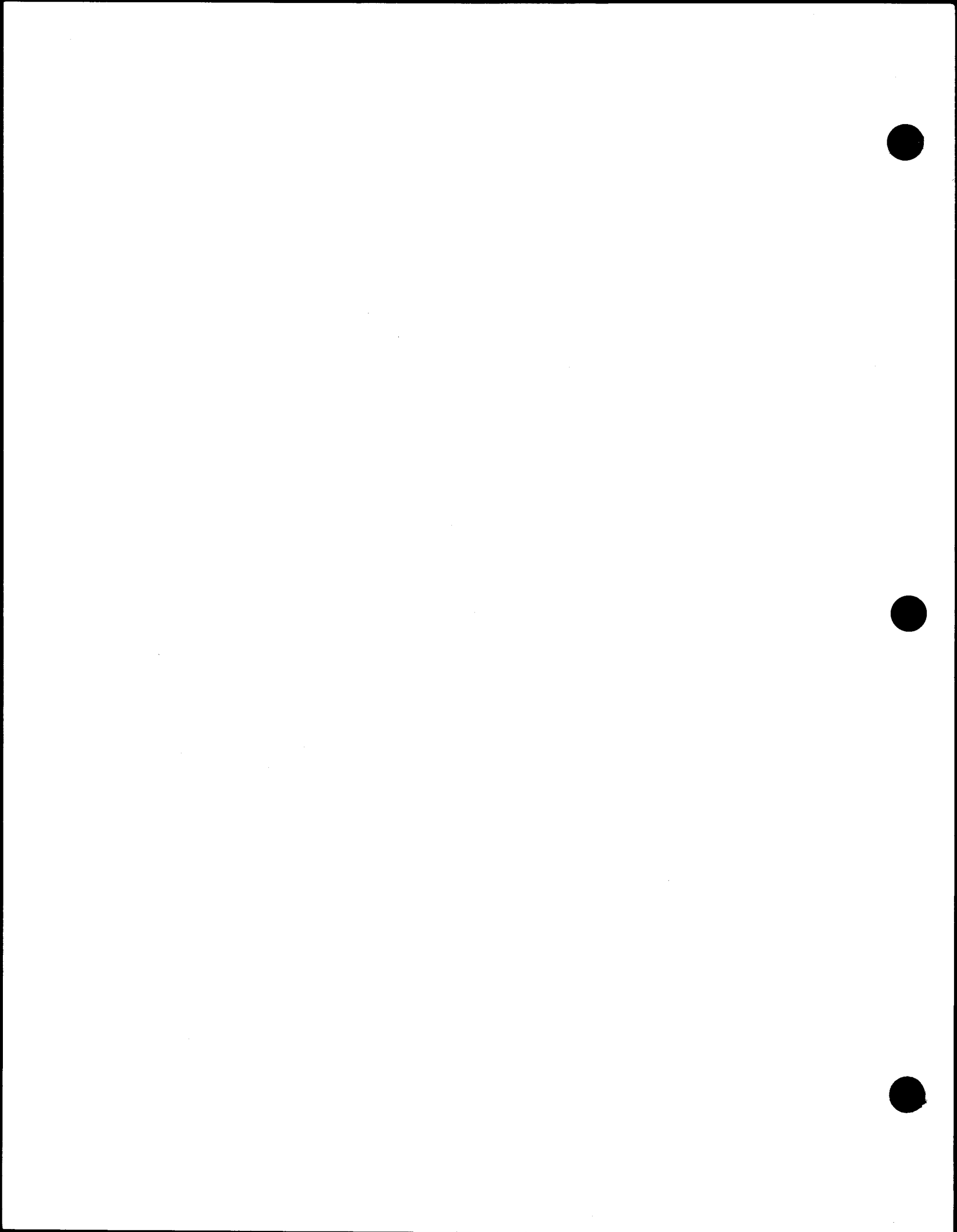
Together With All Work Incidental Thereto
**BOROUGH OF BROOKLYN
CITY OF NEW YORK**



FOR THE DEPARTMENT OF ENVIRONMENTAL PROTECTION
PREPARED BY
IN-HOUSE DESIGN

DECEMBER 5, 2015

07-061





August 17, 2017

CERTIFIED MAIL - RETURN RECEIPT REQUEST

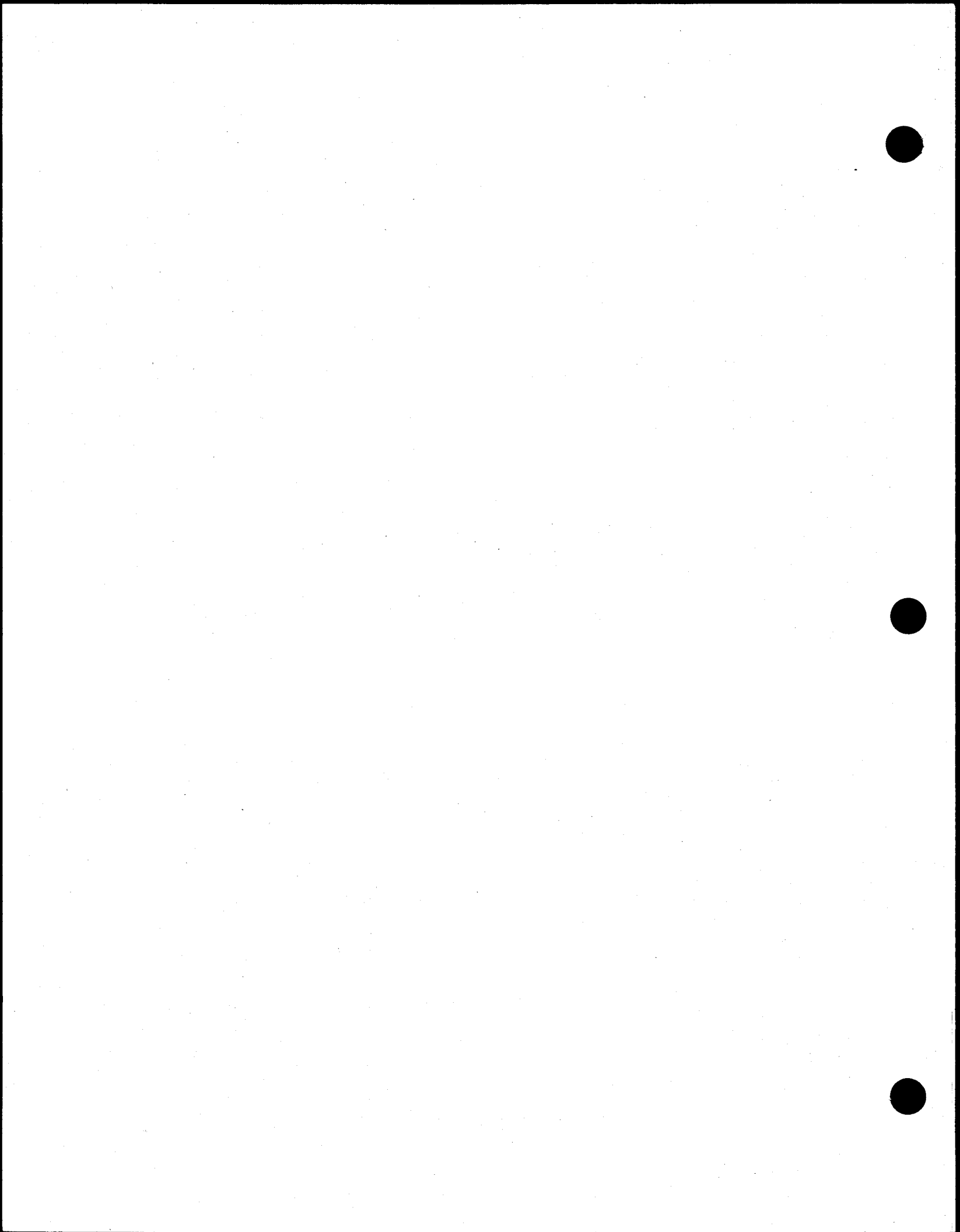
ADC CONSTRUCTION LLC
58-08 48Th Street
Maspeth, NY 11378

RE: FMS ID: BEDA-003
E-PIN: 85017B0053001
DDC PIN: 8502017WM0003C
ACCELERATED DISTRIBUTION WATER
MAIN REPLACEMENT AND SEWER
REHABILITATION/REPLACEMENT-
BOROUGH OF BROOKLYN
NOTICE OF AWARD

Dear Contractor:

You are hereby awarded the above referenced contract based upon your bid in the amount of \$19,941,660.00 submitted at the bid opening on February 17, 2017. Within ten (10) days of your receipt of this notice of award, you are required to take the actions set forth in Paragraphs (1) through (3) below. For your convenience, attached please find a copy of Schedule A of the General Conditions to the Contract, which sets forth the types and amounts of insurance coverage required for this contract.

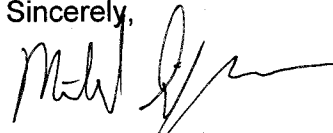
- (1) Execute two copies of the Agreement in the Contracts Unit, 30-30 Thomson Avenue, 1st Floor, Long Island City, New York (IDCNY Building). A Commissioner of Deeds will be available to witness and notarize your signature. The Agreement must be signed by an officer of the corporation or a partner of the firm.
- (2) Submit to the Contracts Unit two properly executed performance and payment bonds. If required for this contract, copies of performance and payment bonds are attached.
- (3) Submit to the Contracts Unit the following insurance documentation: (a) original certificate of insurance for general liability in the amount required by Schedule A, and (b) original certificates of insurance or other proof of coverage for workers' compensation and disability benefits, as required by New York State Law. The insurance documentation specified in this paragraph is required for registration of the contract with the Comptroller's Office.



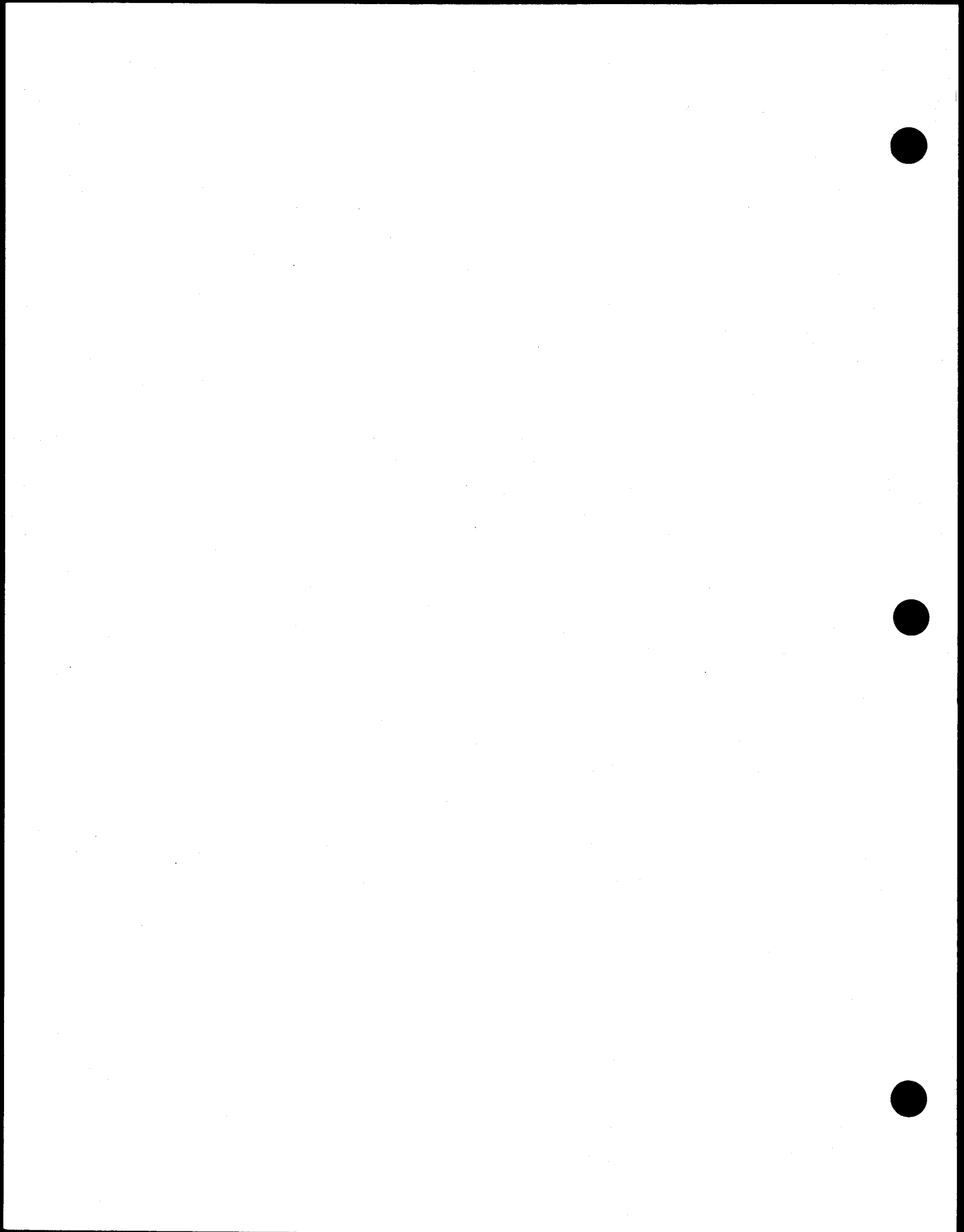
On or before the contract commencement date, you are required to submit all other certificates of insurance and/or policies in the types and amounts required by Schedule A. Such certificates of Insurance and/or policies must be submitted to the Agency Chief Contracting Office, Attention: Risk Manager, Fourth Floor at the above indicated department address.

Your attention is directed to the section of the Information for Bidders entitled "Failure to Execute Contract". As indicated in this section, in the event you fail to execute the contract and furnish the required bonds within the (10) days of your receipt of this notice of award, your bid security will be retained by the City and you will be liable for the difference between your bid price and the price for which the contract is subsequently awarded, less the amount of the bid security retained.

Sincerely,



Michael Shipman
Director of Contracts



Bid Tab

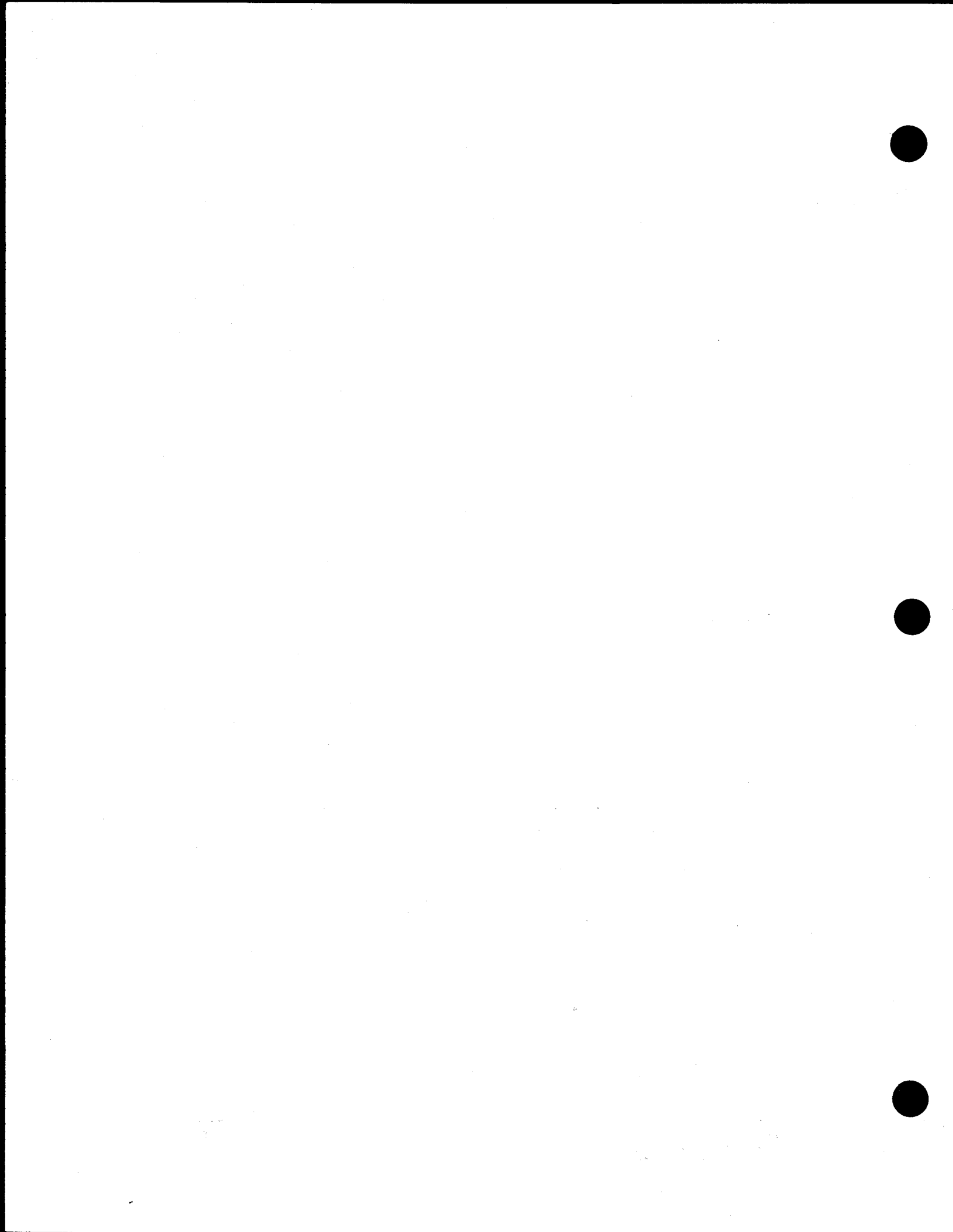
Description **ACCELERATED DISTRIBUTION WATER MAIN
REPLACEMENT AND SEWER
REHABILITATION/REPLACEMENT-BOROUGH OF BROOKLYN**

Bid Date	2/17/2017	FMS ID	BEDA-003
Estimated Cost	\$17,000,000	Client Agency	DEP
Bid Security	Not less than 2% of Total Bid Price	PLA	NO
Time Allowed	545 CCD	Contract Manager	Shermaine Manifold
Addendum	0		
PIN	8502017WM0003C	Project Manager	Patel, Ashishkumar
Selective Bidding	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	E-PIN	85017B0053

Bid Rank	Vendor	Bid Amount	Security Type
1	ADC CONSTRUCTION LLC	\$19,941,660.00	Bond
2	JR CRUZ CORP	\$19,984,711.46	Bond
3	C.A.C. INDUSTRIES, INC.	\$20,841,222.60	Bond
4	RESTANI CONSTRUCTION CORP.	\$21,227,477.50	Bond
5	PERFETTO CONTRACTING CO. INC.	\$21,924,000.00	Bond
6	DIFAZIO IND., LLC D/B/A DIFAZIO INDUSTRIES	\$22,250,000.00	Bond

Recorder: Brenda Barreiro Ext. 1041

Approver: *Shermaine Holley*



BID FORM
THE CITY OF NEW YORK
DEPARTMENT OF DESIGN AND CONSTRUCTION
DIVISION OF INFRASTRUCTURE

BID FOR FURNISHING ALL LABOR AND
MATERIAL NECESSARY AND REQUIRED FOR:

PROJECT ID: BEDA003

ACCELERATED DISTRIBUTION WATER MAIN REPLACEMENT AND SEWER REHABILITATION /
REPLACEMENT

Together With All Work Incidental Thereto
BOROUGH OF BROOKLYN

Name of Bidder: ADC CONSTRUCTION, LLC

Date of Bid Opening: FEB 17, 2017

Bidder is: (Check one, whichever applies) Individual () Partnership () ^{LLC} Corporation ()

Place of Business of Bidder: 58-08 48ST MASPETH NY 11378

Bidder's Telephone Number: 718 628 5555 Fax Number: 718 628 5142

Bidder's E-Mail Address: ADC CONSTRUCTION@VERIZON.NET

Residence of Bidder (If Individual): _____

If Bidder is a ^{LLC} Partnership, fill in the following blanks:

Names of Partners	Residence of Partners
_____	_____
_____	_____
_____	_____

If Bidder is a ^{LLC} Corporation, fill in the following blanks:

Organized under the laws of the State of NEW YORK

Name and Home Address of President: DOMENICK CIPOLLONE

PURCHASE NY

Name and Home Address of Secretary: ANTHONY CIPOLLONE

PURCHASE NY

Name and Home Address of Treasurer: _____

BID FORM

The above-named Bidder affirms and declares:

1. The said bidder is of lawful age and the only one interested in this bid; and no person, firm or corporation other than hereinbefore named has any interest in this bid, or in the Contract proposed to be taken.
2. By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief: (1) the prices in this bid have been arrived at independently without collusion, consultation, communication or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor; (2) unless otherwise required by law, the prices quoted in this bid have not been knowingly disclosed by the bidder and will not knowingly be disclosed by the bidder prior to opening, directly or indirectly, to any other bidder or to any competitor; and (3) No attempt has been made or will be made by the bidder to induce any other person, partnership or corporation to submit or not to submit a bid for the purpose of restricting competition.
3. No councilman or other officer or employee or person whose salary is payable in whole or in part from the City Treasury is directly or indirectly interested in this bid, or in the supplies, materials, equipment, work or labor to which it relates, or in any of the profits thereof.
4. The bidder is not in arrears to the City of New York upon debt or contract or taxes, and is not a defaulter, as surety or otherwise, upon any obligation of the City of New York, and has not been declared not responsible, or disqualified, by any agency of the City of New York or State of New York, nor is there any proceeding pending relating to the responsibility or qualification of the bidder to receive public contracts except as set forth on the Affirmation included as page C-6 of this Bid Booklet.

The bidder hereby affirms that it has paid all applicable City income, excise and other taxes for all years it has conducted business activities in New York City.

5. The bidder, as an individual, or as a member, partner, director or officer of the bidder, if the same be a firm, partnership or corporation, executes this document expressly warranting and representing that should this bid be accepted by the City and the Contract awarded to him, he and his subcontractors engaged in the performance: (1) will comply with the provisions of Section 6-108 of the Administrative Code of the City of New York and the non-discrimination provisions of Section 220a of the New York State Labor Law, as more expressly and in detail set forth in the Agreement; (2) will comply with Section 6-109 of the Administrative Code of the City of New York in relation to minimum wages and other stipulations as more expressly and in detail set forth in the Agreement; (3) have complied with the provisions of the aforesaid laws since their respective effective dates, and (4) will post notices to be furnished by the City, setting forth the requirements of the aforesaid laws in prominent and conspicuous places in each and every plant, factory, building and structure where employees engaged in the performance of the Contract can readily view it, and will continue to keep such notices posted until the supplies, materials and equipment, or work labor and services required to be furnished or rendered by the Contractor have been finally accepted by the City. In the event of any breach or violation of the foregoing, the Contractor may be subject to damages, liquidated or otherwise, cancellation of the Contract and suspension as a bidder for a period of three years. (The words, "the bidder", "he", "his", and "him" where used herein shall mean the individual bidder, firm, partnership or corporation executing the bid).

6. Compliance Report

The bidder, as an individual, or as a member, partner, director, or officer of the bidder, if the same be a firm, partnership, or corporation, (1) represents that his attention has been specifically drawn to Executive Order No. 50, dated, April 25, 1980, on Equal Employment Compliance of the contract, and (2) warrants that he will comply with the provisions of Executive Order No. 50. The Employment Report must be submitted as part of the bid.

The bidder, as an individual, or as a member, partner, director, or officer of the bidder, if the same be a firm, partnership, or corporation, executes this document expressly warranting that he will comply with: (1) the provision of the contract on providing records, Chapter 8.

7. By submission of this bid, the bidder certifies that it now has and will continue to have the financial capability to fully perform the work required for this contract. Any award of this contract will be made in reliance upon such certification. Upon request therefor, the bidder will submit written verification of such financial capability in a form that is acceptable to the department.

8. In accordance with Section 165 of the State Finance Law, the bidder agrees that tropical hardwoods, as defined in Section 165 of the State Finance Law, shall not be utilized in the performance of this Contract, except as the same are permitted by the foregoing provision of law.

9. The bidder has visited and examined the site of the work and has carefully examined the Contract in the form approved by the Corporation Counsel, and will execute the Contract and perform all its items, covenants and conditions, and will provide, furnish and deliver all the work, materials, supplies, tools and appliances for all labor and materials necessary or required for the hereinafter named work, all in strict conformity with the Contract, for the prices set forth in the Bid Schedule:

10. **M/WBE UTILIZATION PLAN:** By signing its bid, the bidder agrees to the Vendor Certification and Required Affirmations set forth below, unless a full waiver of the Participation Goals is granted. The Vendor Certification and Required Affirmations will be deemed to satisfy the requirement to complete Section V of Part II of Schedule B: M/WBE Utilization Plan.

Section V: Vendor Certification and Required Affirmations:

I hereby:

- 1) acknowledge my understanding of the M/WBE participation requirements as set forth in this Contract and the pertinent provisions of Section 6-129 of the Administrative Code of the City of New York and the rules promulgated thereunder;
- 2) affirm that the information supplied in support of the M/WBE Utilization Plan is true and correct;
- 3) agree, if awarded this Contract, to comply with the M/WBE participation requirements of this Contract, the pertinent provisions of Section 6-129, and the rules promulgated thereunder, all of which shall be deemed to be material terms of this Contract;
- 4) agree and affirm that it is a material term of this Contract that the Vendor will award the total dollar value of the M/WBE Participation Goals to certified MBEs and/or WBEs, unless a full waiver is obtained or such goals are modified by the Agency; and
- 5) agree and affirm, if awarded this Contract, to make all reasonable, good faith efforts to meet the M/WBE Participation Goals, or If a partial waiver is obtained or such goals are modified by the Agency, to meet the modified Participation Goals by soliciting and obtaining the participation of certified MBE and/or WBE firms.

(NO TEXT ON THIS PAGE)

BID FORM

PROJECT ID: BEDA003

TOTAL BID PRICE: In the space provided below, the Bidder shall indicate its Total Bid Price in figures. Such Total Bid Price is set forth on the final page of the Bid Schedule.

TOTAL BID PRICE:
(a/k/a BID PROPOSAL)

\$ 19,941,660
BB 2/17/17

BIDDER'S SIGNATURE AND AFFIDAVIT

Bidder: ADC CONSTRUCTION, LLC

By: *Dominic C. Glavin*
(Signature of Partner or corporate officer)

Dominic C. Glavin

Attest:
(Corporate Seal)

Secretary of Corporate Bidder

Affidavit on the following page should be subscribed
and sworn to before a Notary Public

BID FORM (TO BE NOTARIZED)

AFFIDAVIT WHERE BIDDER IS AN INDIVIDUAL

STATE OF NEW YORK, COUNTY OF _____ ss: _____ being duly sworn says:
I am the person described in and who executed the foregoing bid, and the several matters therein stated are in all respects true.

(Signature of the person who signed the Bid)
Subscribed and sworn to before me this _____ day of _____
Notary Public

AFFIDAVIT WHERE BIDDER IS A PARTNERSHIP LLC

STATE OF NEW YORK, COUNTY OF QUEENS ss: DOMENICK CIPOLLONE being duly sworn says:
I am a member of ADC CONSTRUCTION the firm described in and which executed the foregoing bid. I subscribed the name of the firm thereto on behalf of the firm, and the several matters therein stated are in all respects true.

(Signature of Partner who signed the Bid)
Subscribed and sworn to before me this, 17 day of FEB, 17
Melissa Gallagher Notary Public
MELISSA GALLAGHER
NOTARY PUBLIC-STATE OF NEW YORK
No. 01GA6013314
Qualified in Queens County
My Commission Expires 09-14-2018

AFFIDAVIT WHERE BIDDER IS A CORPORATION

STATE OF NEW YORK, COUNTY OF _____ ss: _____ being duly sworn says:
I am the _____ of the above named corporation whose name is subscribed to and which executed the foregoing bid. I reside at _____
I have knowledge of the several matters therein stated, and they are in all respects true.

(Signature of Partner who signed the Bid)
Subscribed and sworn to before me this _____ day of _____
Notary Public

AFFIRMATION

PROJECT ID: BEDA003

The undersigned bidder affirms and declares that said bidder is not in arrears to the City of New York upon debt, contract or taxes and is not a defaulter, as surety or otherwise, upon obligation to the City of New York, and has not been declared not responsible, or disqualified, by any agency of the City of New York, nor is there any proceeding pending relating to the responsibility or qualification of the bidder to receive public contracts except:

NONE

(If none, the bidder shall insert the word "None" in the space provided above.)

Full Name of Bidder: ADC CONSTRUCTION, LLC
Address: 58-08 48TH ST
City MASPETH State NY Zip Code 11378

CHECK ONE BOX AND INCLUDE APPROPRIATE NUMBER:

A - Individual or Sole Proprietorship*
SOCIAL SECURITY NUMBER

B - Partnership, Joint Venture or other unincorporated organization
EMPLOYER IDENTIFICATION NUMBER

C- ^{LLC} Corporation
EMPLOYER IDENTIFICATION NUMBER

113353007

By: *Daniel Cohen*
Signature

Title: PRESIDENT

If a corporation, place seal here

This affirmation must be signed by an officer or duly authorized representative.

*Under the Federal Privacy Act the furnishing of Social Security Numbers by bidders on City contracts is voluntary. Failure to provide a Social Security Number will not result in a bidder's disqualification. Social Security Numbers will be used to identify bidders, proposers or vendors to ensure their compliance with laws, to assist the City in enforcement of laws, as well as to provide the City a means of identifying of businesses which seek City contracts.

(NO TEXT ON THIS PAGE)

BID BOND 1
FORM OF BID BOND

KNOW ALL MEN BY THESE PRESENTS. That we, ADC Construction, LLC
58-08 48th Street, Maspeth, NY 11378

hereinafter referred to as the "Principal", and Travelers Casualty and Surety Company of America
One Tower Square, Hartford, CT 06183

hereinafter referred to as the "Surety" are held and firmly bound to THE CITY OF NEW YORK,
hereinafter referred to as the "CITY", or to its successors and assigns in the penal sum of _____

TEN PERCENT OF AMOUNT BID

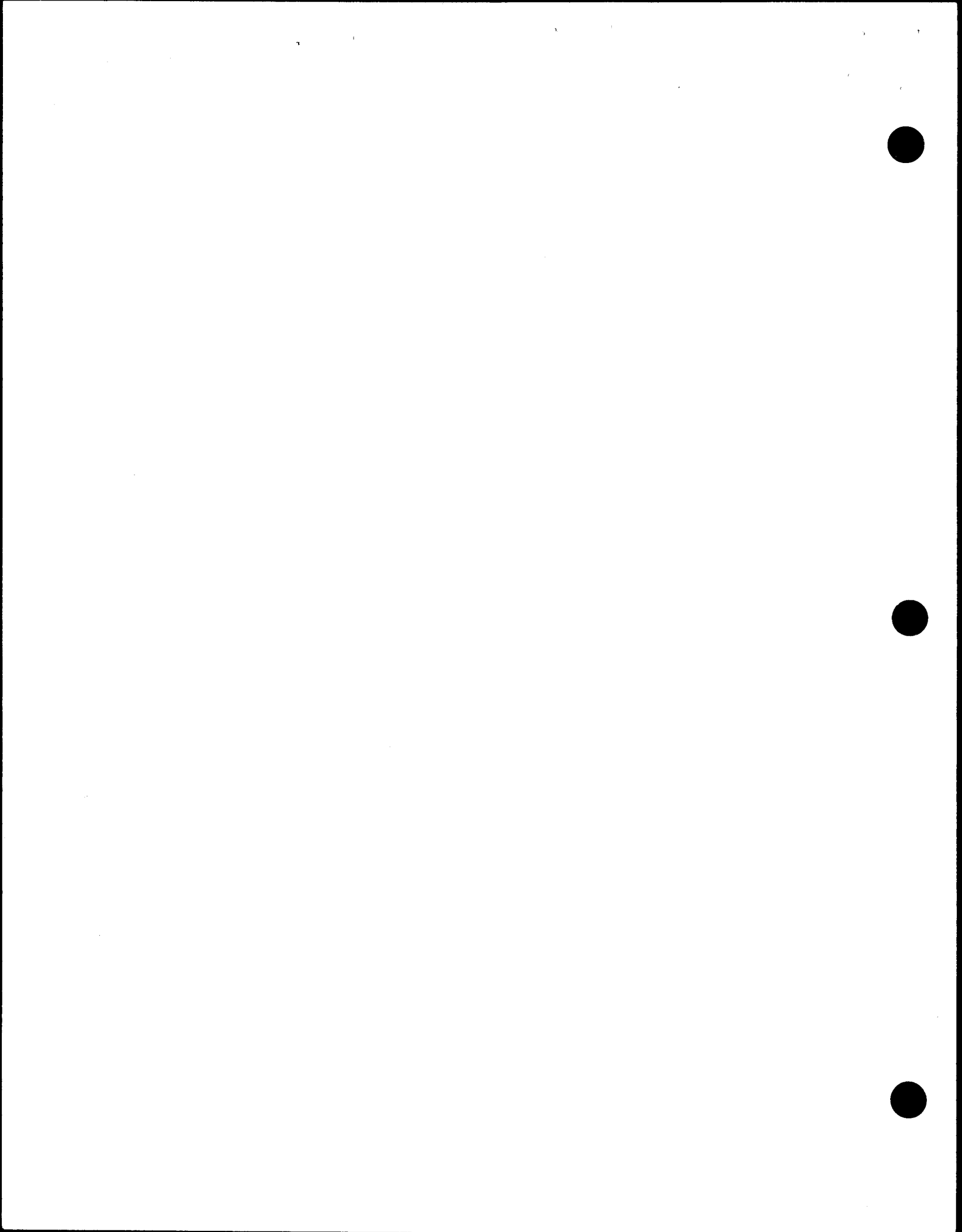
(10% Amt Bid), Dollars lawful money of the United States, for the payment of which said sum of money well and truly to be made, we, and each of us, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

Whereas, the Principal is about to submit (or has submitted) to the City the accompanying proposal, hereby made a part hereof, to enter into a contract in writing for _____

Cont. #BEDA003 - Accelerated Distribution Water Main Replacement, etc. Boro of Brooklyn

NOW, THEREFORE, the conditions of this obligation are such that if the Principal shall not withdraw said Proposal without the consent of the City for a period of forty-five (45) days after the opening of bids and in the event of acceptance of the Principal's Proposal by the City, if the Principal shall:

- (a) Within ten (10) days after notification by the City, execute in quadruplicate and deliver to the City all the executed counterparts of the Contract in the form set forth in the Contract Documents, in accordance with the proposal as accepted, and
- (b) Furnish a performance bond and separate payment bond, as may be required by the City, for the faithful performance and proper fulfillment of such Contract, which bonds shall be satisfactory in all respects to the City and shall be executed by good and sufficient sureties, and
- (c) In all respects perform the agreement created by the acceptance of said Proposal as provided in the Information for Bidders, bound herewith and made a part hereof, or if the City shall reject the aforesaid Proposal, then this obligation shall be null and void; otherwise to remain in full force and effect.



BID BOND 2

In the event that the Proposal of the Principal shall be accepted and the Contract be awarded to him the Surety hereunder agrees subject only to the payment by the Principal of the premium therefore, if requested by the City, to write the aforementioned performance and payment bonds in the form set forth in the Contract Documents.

It is expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall in no event exceed the penal amount of this obligation as herein stated.

There shall be no liability under this bond if, in the event of the acceptance of the Principal's Proposal by the City, either a performance bond or payment bond, or both, shall not be required by the City on or before the 30th day after the date on which the City signs the Contract.

The surety, for the value received, hereby stipulates and agrees that the obligations of the Surety and its bond shall in no way be impaired or affected by any postponements of the date upon which the City will receive or open bids, or by any extensions of the time within which the City may accept the Principal's Proposal, or by any waiver by the City of any of the requirements of the Information for Bidders, and the Surety hereby waives notice of any such postponements, extensions, or waivers.

IN WITNESS WHEREOF, the Principal and the Surety have hereunto set their hands and seals and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers the 13th day of February, 2017.

(Seal)

ADC Construction, LLC

(L.S.)

Principal

By: *Dominic Glor*

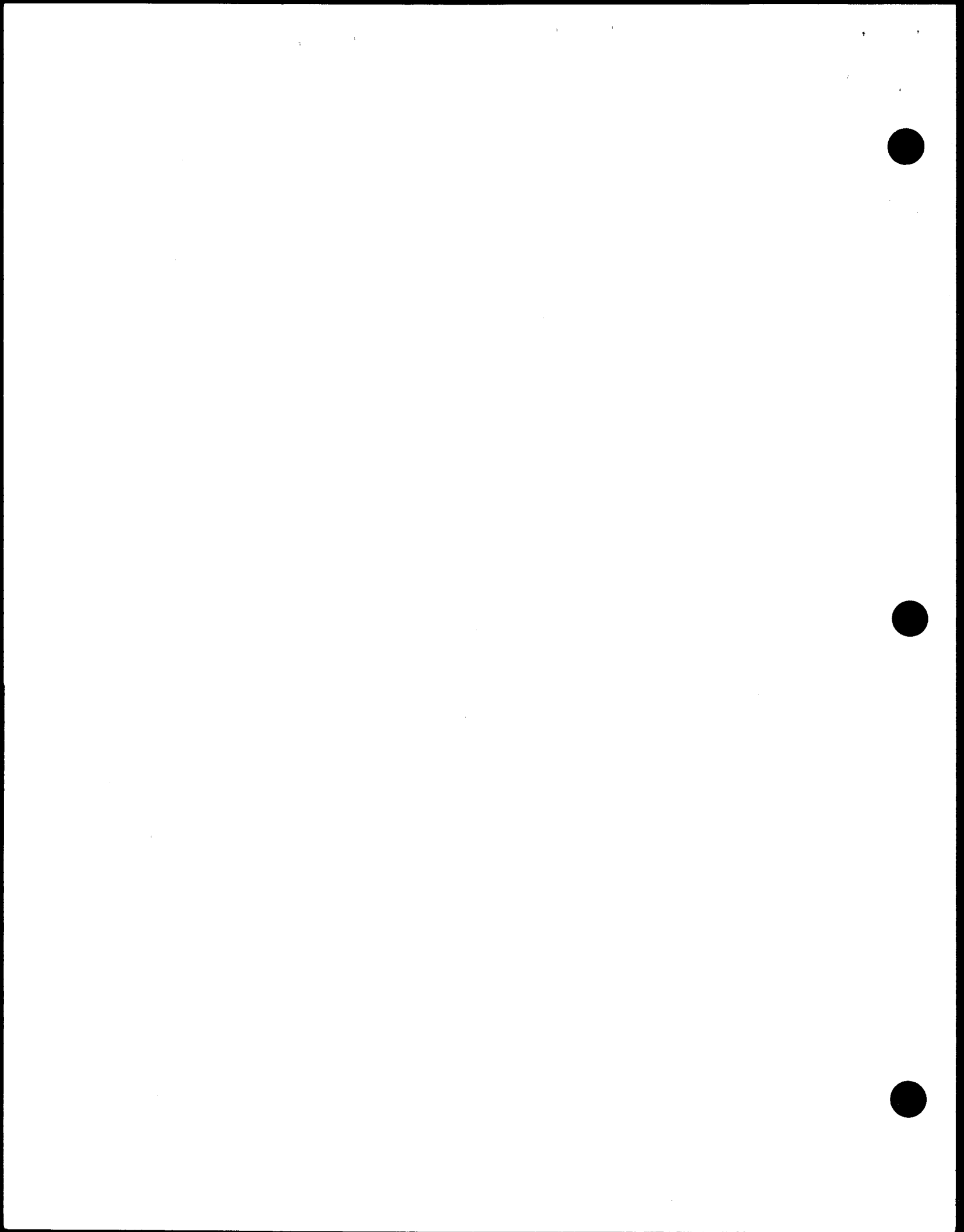
(Seal)

Travelers Casualty and Surety Company of America

Surety

By: *Robert M. Kempner*

Robert M. Kempner, Attorney-in-Fact



ACKNOWLEDGMENT OF PRINCIPAL, IF A CORPORATION

State of _____ County of _____ ss:
On this _____ day of _____, _____, before me personally came
_____ to me known, who, being by me duly sworn, did depose and say
that he resides at _____
that he is the _____ of _____
the corporation described in and which executed the foregoing instrument; that he knows the seal of said
corporation; that one of the seals affixed to said instrument is such seal; that it was so affixed by order of
the directors of said corporation, and that he signed his name thereto by like order.

Notary Public

ACKNOWLEDGMENT OF PRINCIPAL, IF A PARTNERSHIP

State of New York County of Queens ss:
On this 17 day of Feb, 2017, before me personally appeared
Domenick Apollone to me known and known to me to be one of the members of the
firm of ADC Construction described in and who executed the foregoing
instrument, and he acknowledged to me that he executed the same as and for the act and deed of said
firm.

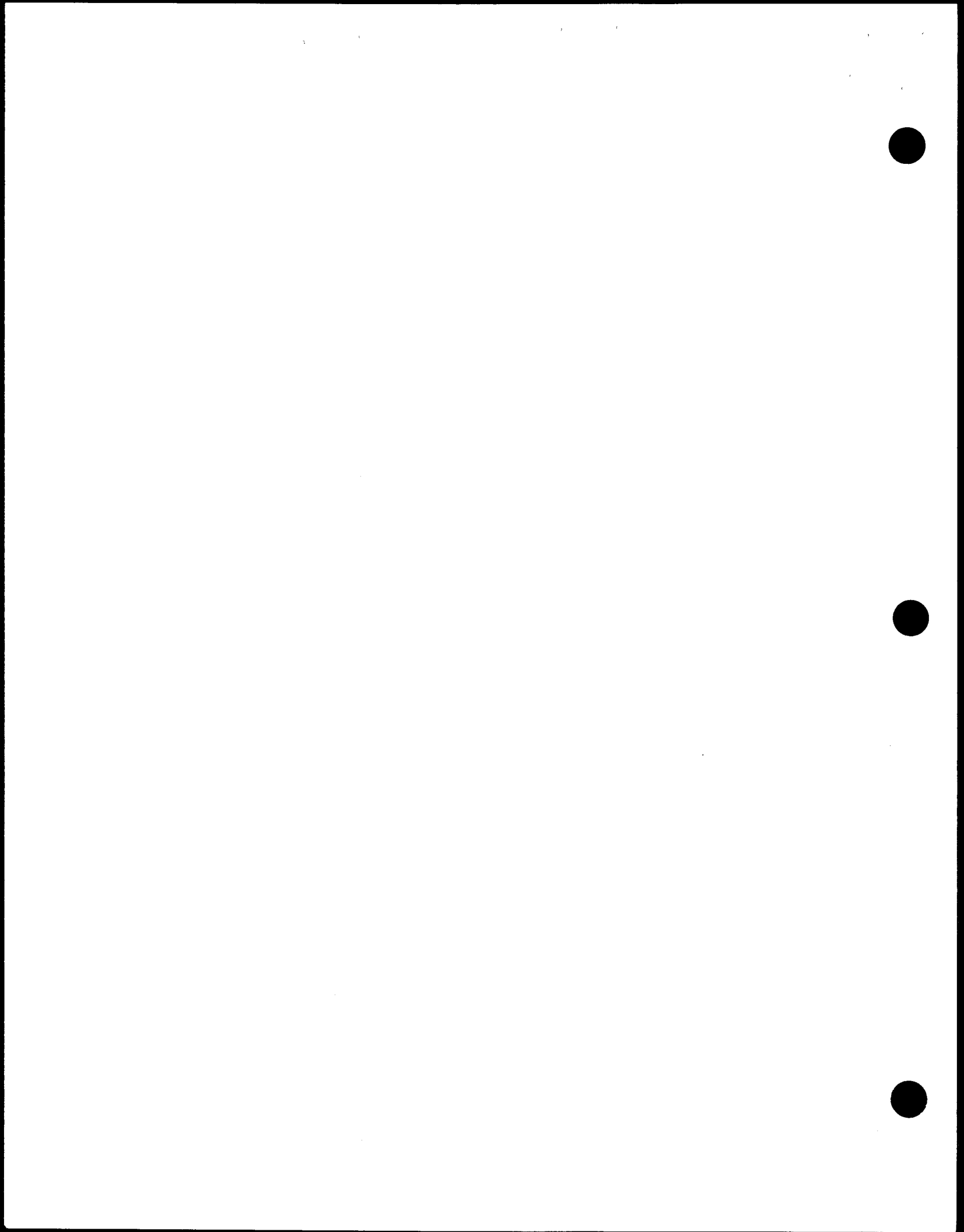
Notary Public

ACKNOWLEDGMENT OF PRINCIPAL, IF AN INDIVIDUAL

State of _____ County of _____ ss:
On this _____ day of _____, _____, before me personally appeared
_____ to me known and known to me to be the person described in
and who executed the foregoing instrument and acknowledged that he executed the same.

Notary Public

AFFIX ACKNOWLEDGMENTS AND JUSTIFICATION OF SURETIES



ACKNOWLEDGEMENT OF PRINCIPAL, OF A CORPORATION

STATE OF _____

ss:

COUNTY OF _____

On this _____ day of _____, _____ before me personally came _____ to me known, who, being by me duly sworn did depose and say that he resides at _____ that he is the _____ of _____ the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that one of the seals affixed to the foregoing instrument is such seal; that it was an affixed by order of the board of directors of said corporation; and that he signed his name thereto by like order.

Notary Public

STATE OF New York

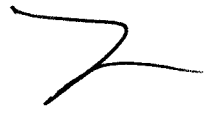
ss:

COUNTY OF Nassau

On this 13th day of February, 2017, before me personally came Robert M. Kempner to me known, who, being by me duly sworn, did depose and say that he is an Attorney-In-Fact of Travelers Casualty and Surety Company of America the corporation described in and which executed the within instrument; that he knows the corporate seal of said corporation; that the seal affixed to the within instrument is such corporate seal, and that he signed and said instrument and affixed the said seal as Attorney-In-Fact by authority of the Board of Directors of said corporation and by authority of this office under the Standing Resolutions thereof.

LYNN ANN INFANTI
Notary Public, State of New York
No. 01IN6004351
Qualified in Suffolk County
Commission Expires March 23, 2018

My commission expires _____



Notary Public



POWER OF ATTORNEY

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company

Attorney-In Fact No. 230287

Certificate No. 006968785

KNOW ALL MEN BY THESE PRESENTS: That Farmington Casualty Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company are corporations duly organized under the laws of the State of Connecticut, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

Joseph Sforzo, Robert W. O'Kane, Robert M. Kempner, and Matthew J. Kelly

of the City of Plainview, State of New York, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 17th day of December, 2015.

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company



State of Connecticut
City of Hartford ss.

By: [Signature]
Robert L. Raney, Senior Vice President

On this the 17th day of December, 2015, before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal.
My Commission expires the 30th day of June, 2021.



[Signature]
Marie C. Tetreault, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, Kevin E. Hughes, the undersigned, Assistant Secretary, of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 13th day of February, 2017

WARNING: THIS POWER OF ATTORNEY IS INVALID WITHOUT THE RED BORDER

Kevin E. Hughes
Kevin E. Hughes, Assistant Secretary



To verify the authenticity of this Power of Attorney, call 1-800-421-3880 or contact us at www.travelersbond.com. Please refer to the Attorney-In-Fact number, the above-named individuals and the details of the bond to which the power is attached.

TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA

HARTFORD, CONNECTICUT 06183

FINANCIAL STATEMENT AS OF DECEMBER 31, 2015

CAPITAL STOCK \$ 6,480,000

ASSETS		LIABILITIES & SURPLUS	
CASH AND INVESTED CASH	\$ 54,550,881	UNEARNED PREMIUMS	\$ 862,633,464
BONDS	3,500,572,638	LOSSES	735,725,171
STOCKS	245,901,111	LOSS ADJUSTMENT EXPENSES	278,900,106
INVESTMENT INCOME DUE AND ACCRUED	43,905,720	COMMISSIONS	35,398,814
OTHER INVESTED ASSETS	3,580,975	TAXES, LICENSES AND FEES	11,351,717
PREMIUM BALANCES	200,990,913	OTHER EXPENSES	39,466,867
NET DEFERRED TAX ASSET	65,751,196	CURRENT FEDERAL AND FOREIGN INCOME TAXES	15,158,620
REINSURANCE RECOVERABLE	22,532,968	REMITTANCES AND ITEMS NOT ALLOCATED	4,995,722
SECURITIES LENDING REINVESTED COLLATERAL ASSETS	11,772,178	AMOUNTS WITHHELD / RETAINED BY COMPANY FOR OTHERS	33,959,553
RECEIVABLES FROM PARENT, SUBSIDIARIES AND AFFILIATES	29,659,492	RETROACTIVE REINSURANCE RESERVE ASSUMED	898,144
OTHER ASSETS	5,685,697	POLICYHOLDER DIVIDENDS	9,080,181
		PROVISION FOR REINSURANCE	3,834,904
		ADVANCE PREMIUM	1,572,635
		PAYABLE FOR SECURITIES	8,000,000
		PAYABLE FOR SECURITIES LENDING	11,772,178
		CEDED REINSURANCE NET PREMIUMS PAYABLE	26,036,328
		ESCHEAT LIABILITY	664,927
		OTHER ACCRUED EXPENSES AND LIABILITIES	1,858,650
		TOTAL LIABILITIES	\$ 2,081,307,981
		CAPITAL STOCK	\$ 6,480,000
		PAID IN SURPLUS	433,803,760
		OTHER SURPLUS	1,683,312,028
		TOTAL SURPLUS TO POLICYHOLDERS	\$ 2,103,595,788
TOTAL ASSETS	\$ 4,184,903,769	TOTAL LIABILITIES & SURPLUS	\$ 4,184,903,769

STATE OF CONNECTICUT)
 COUNTY OF HARTFORD) SS.
 CITY OF HARTFORD)

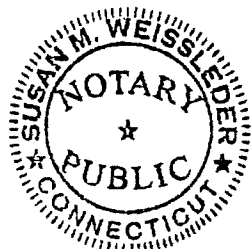
MICHAEL J. DOODY, BEING DULY SWORN, SAYS THAT HE IS SECOND VICE PRESIDENT, OF TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA, AND THAT TO THE BEST OF HIS KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT STATEMENT OF THE FINANCIAL CONDITION OF SAID COMPANY AS OF THE 31ST DAY OF DECEMBER, 2015.

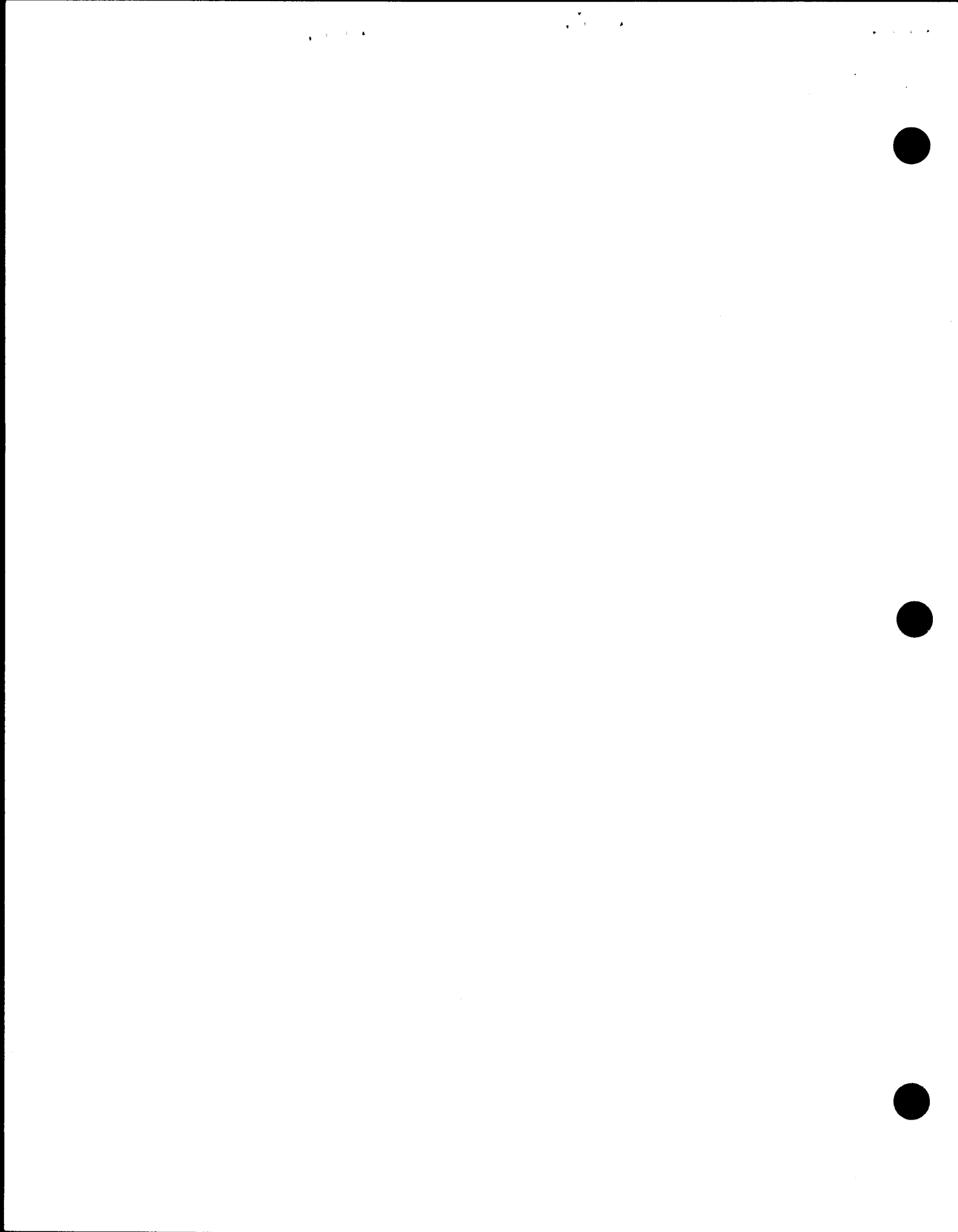
Michael J. Doody
 SECOND VICE PRESIDENT

SUBSCRIBED AND SWORN TO BEFORE ME THIS
 18TH DAY OF MARCH, 2016

Susan M. Weissleder
 NOTARY PUBLIC

SUSAN M. WEISSLEDER
 Notary Public
 My Commission Expires November 30, 2017





ACKNOWLEDGMENT OF PRINCIPAL, IF A CORPORATION

State of _____ County of _____ ss:
On this _____ day of _____, _____, before me personally came
_____ to me known, who, being by me duly sworn, did depose and say
that he resides at _____
that he is the _____ of _____
the corporation described in and which executed the foregoing instrument; that he knows the seal of said
corporation; that one of the seals affixed to said instrument is such seal; that it was so affixed by order of
the directors of said corporation, and that he signed his name thereto by like order.

Notary Public

ACKNOWLEDGMENT OF PRINCIPAL, IF A PARTNERSHIP

State of _____ County of _____ ss:
On this _____ day of _____, _____, before me personally appeared
_____ to me known and known to me to be one of the members of the
firm of _____ described in and who executed the foregoing
instrument, and he acknowledged to me that he executed the same as and for the act and deed of said
firm.

Notary Public

ACKNOWLEDGMENT OF PRINCIPAL, IF AN INDIVIDUAL

State of _____ County of _____ ss:
On this _____ day of _____, _____, before me personally appeared
_____ to me known and known to me to be the person described in
and who executed the foregoing instrument and acknowledged that he executed the same.

Notary Public

AFFIX ACKNOWLEDGMENTS AND JUSTIFICATION OF SURETIES

(NO TEXT ON THIS PAGE)

BID SCHEDULENOTICE TO BIDDERS

Items listed in this Bid Schedule which have one (1) digit followed by a decimal (e.g. 4.02 CA) shall comply with the requirements of the corresponding numerical Sections of the New York City Department of Transportation Standard Highway Specifications as amended by Revisions to the New York City Department of Transportation Standard Highway Specifications and Sewer and Water Main Revisions to Specifications (SW-PAGES), herein Volume 3 of 3.

Items listed in this Bid Schedule which have two (2) digits beginning with the number "1" followed by a decimal (e.g. 10.32A) shall comply with the requirements of the New York City Department of Environmental Protection (NYCDEP) Standard Sewer and Water Main Specifications dated July 1, 2014, as amended by Sewer and Water Main Revisions to Specifications (SW-PAGES), herein Volume 3 of 3.

Items listed in this Bid Schedule which have two (2) digits beginning with the number "5" followed by a decimal (e.g. 53.11 DR) shall comply with the requirements of the New York City Department of Environmental Protection (NYCDEP) Standard Sewer and Water Main Specifications dated July 1, 2014, as amended by Sewer and Water Main Revisions to Specifications (SW-PAGES), herein Volume 3 of 3.

Items listed in this Bid Schedule which have two (2) digits beginning with the number "6" followed by a decimal (e.g. 60.13M0A24) shall comply with the requirements of the New York City Department of Environmental Protection (NYCDEP) Standard Sewer and Water Main Specifications dated July 1, 2014, as amended by Sewer and Water Main Revisions to Specifications (SW-PAGES), herein Volume 3 of 3.

Items listed in this Bid Schedule which have two (2) digits beginning with the number "7" followed by a decimal (e.g. 70.61RE) shall comply with the requirements of the New York City Department of Environmental Protection (NYCDEP) Standard Sewer and Water Main Specifications dated July 1, 2014, as amended by Sewer and Water Main Revisions to Specifications (SW-PAGES), herein Volume 3 of 3.

The item listed in this Bid Schedule "79.11AATA" shall comply with the requirements of Specifications for Abatement of Transit Authority Duct Insulation Asbestos Containing Materials, herein Volume 3 of 3.

Items listed in this Bid Schedule beginning with the prefix "UTL-" (e.g. UTL-6.01.8) are for Gas Cost Sharing (EP-7) work and shall comply with the requirements of Gas Cost Sharing (EP-7) Standard Specifications, herein Volume 3 of 3.

Items listed in this Bid Schedule beginning with the prefix "1.A08. thru 1.242." shall comply with the requirements of Sewer and Water Main Revisions to Specifications (SW-PAGES), herein Volume 3 of 3.

Items listed in this Bid Schedule beginning with the prefix "DSS" shall comply with the requirements of Sewer and Water Main Revisions to Specifications (SW-PAGES), herein Volume 3 of 3.

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BID SCHEDULE

NOTE: (1) The Agency may reject a bid if it contains unbalanced bid prices. An unbalanced bid is considered to be one containing lump sum or unit items which do not reflect reasonable actual costs plus a reasonable proportionate share of the Bidder's anticipated profit, overhead costs, and other indirect costs, anticipated for the performance of the items in question.

(2) The following bid prices on Unit Price Contracts are to be paid for the actual quantities of the item numbers in the completed work or structure, and they cover the cost of all work, labor, material, tools, plant and appliances of every description necessary to complete the entire work, as specified, and the removal of all debris, temporary work and appliances.

(3) PLEASE BE SURE A LEGIBLE BID IS ENTERED, IN INK, FOR EACH ITEM.
Alterations must be initialed in ink by the bidder.

(4) The Extended Amount entered in Column 6 shall be the product of the Estimated Quantity in Column 3 times the Unit Price Bid in Column 5.

(5) Prospective bidders must examine the Bid Schedule carefully and, before bidding, must advise the Commissioner, in writing, if any pages are missing, and must request that such missing pages be furnished them. The pages of this Bid Schedule are numbered consecutively, as follows:
B - 3 Through B - 35

PLEASE BE SURE A LEGIBLE BID IS ENTERED FOR EACH ITEM.
THE BIDDER SHALL INSERT THE TOTAL BID PRICE IN
THE BID FORM ON PAGE C-4 OF THIS BID BOOKLET.



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NEW YORK CITY DEPARTMENT OF DESIGN AND CONSTRUCTION PROJECT ID: BEDA003
 DIVISION OF INFRASTRUCTURE - BUREAU OF DESIGN CONTRACT PIN: 8502017WM0003C

BID SCHEDULE FORM

COL. 1 SEQ. NO.	COL. 2 ITEM NUMBER and DESCRIPTION	COL. 3 ENGINEER'S ESTIMATE OF QUANTITY	COL. 4 UNIT	COL. 5 UNIT PRICE (IN FIGURES) DOLLARS	COL. 6 EXTENDED AMOUNT (IN FIGURES) DOLLARS	CTS
001	1.A08 8" E.S.V.P. SEWER, ON CONCRETE CRADLE (MINIMUM 15 FEET LENGTHS)	15.00	L.F.	690 00	10,350 00	00
002	1.A48 48" R.C.P. CLASS III SEWER, ON CONCRETE CRADLE (MINIMUM 15 FEET LENGTHS)	15.00	L.F.	1030 00	15,450 00	00
003	1.B08 8" E.S.V.P. SEWER, ON CONCRETE CRADLE (ADDITIONAL LENGTH BEYOND THE MINIMUM 15 FEET) (FIXED UNIT PRICE TO BE 70% OF UNIT PRICE BID FOR ITEM NO. 1.A08)	40.00	L.F.	483 00	19,320 00	00
004	1.B48 48" R.C.P. CLASS III SEWER, ON CONCRETE CRADLE (ADDITIONAL LENGTH BEYOND THE MINIMUM 15 FEET TO A MAXIMUM OF 100 FEET) (FIXED UNIT PRICE TO BE 72% OF UNIT PRICE BID FOR ITEM NO. 1.A48)	40.00	L.F.	741 60	29,664 00	00
005	1.C10 10" E.S.V.P. SEWER, ON CONCRETE CRADLE (MINIMUM 15 FEET LENGTHS)	15.00	L.F.	710 00	10,650 00	00



Department of
Design and
Construction

NEW YORK CITY DEPARTMENT OF DESIGN AND CONSTRUCTION PROJECT ID: BEDA003
DIVISION OF INFRASTRUCTURE - BUREAU OF DESIGN CONTRACT PIN: 8502017MM0003C

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BID SCHEDULE FORM

COL SEQ. NO.	COL 2 ITEM NUMBER and DESCRIPTION	COL 3 ENGINEER'S ESTIMATE OF QUANTITY	COL 4 UNIT	COL 5 UNIT PRICE (IN FIGURES)		COL 6 EXTENDED AMOUNT (IN FIGURES)
				DOLLARS	CTS	
006	1.C48 48" R.C.P. CLASS III SEWER, ON CONCRETE CRADLE (ADDITIONAL LENGTH BEYOND 100 FEET) (FIXED UNIT PRICE TO BE 65% OF UNIT PRICE BID FOR ITEM NO. 1.A48)	40.00	L.F.	669	50	24,780 00
007	1.D10 10" E.S.V.P. SEWER, ON CONCRETE CRADLE (ADDITIONAL LENGTH BEYOND THE MINIMUM 15 FEET TO A MAXIMUM OF 100 FEET) (FIXED UNIT PRICE TO BE 70% OF UNIT PRICE BID FOR ITEM NO. 1.C10)	40.00	L.F.	497	00	19,880 00
008	1.E10 10" E.S.V.P. SEWER, ON CONCRETE CRADLE (ADDITIONAL LENGTH BEYOND 100 FEET) (FIXED UNIT PRICE TO BE 63% OF UNIT PRICE BID FOR ITEM NO. 1.C10)	40.00	L.F.	447	30	17,892 00
009	1.F12 12" E.S.V.P. SEWER, ON CONCRETE CRADLE (MINIMUM 15 FEET LENGTHS)	15.00	L.F.	730	00	10,950 00
010	1.G12 12" E.S.V.P. SEWER, ON CONCRETE CRADLE (ADDITIONAL LENGTH BEYOND THE MINIMUM 15 FEET TO A MAXIMUM OF 100 FEET) (FIXED UNIT PRICE TO BE 70% OF UNIT PRICE BID FOR ITEM NO.1.F12)	40.00	L.F.	511	00	20,440 00



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BID SCHEDULE FORM

COL 1 SEQ. NO.	COL 2 ITEM NUMBER and DESCRIPTION	COL 3 ENGINEER'S ESTIMATE OF QUANTITY	COL 4 UNIT	COL 5 UNIT PRICE (IN FIGURES) DOLLARS CTS	COL 6 EXTENDED AMOUNT (IN FIGURES) DOLLARS CTS
011	1.H12 12" E.S.V.P. SEWER, ON CONCRETE CRADLE (ADDITIONAL LENGTH BEYOND 100 FEET) (FIXED UNIT PRICE TO BE 63% OF UNIT PRICE BID FOR ITEM NO. 1.F12)	40.00	L.F.	459 90	18,396 00
012	1.I15 15" E.S.V.P. SEWER, ON CONCRETE CRADLE (MINIMUM 15 FEET LENGTHS)	15.00	L.F.	770 00	11,550 00
013	1.J15 15" E.S.V.P. SEWER, ON CONCRETE CRADLE (ADDITIONAL LENGTH BEYOND THE MINIMUM 15 FEET TO A MAXIMUM OF 100 FEET) (FIXED UNIT PRICE TO BE 70% OF UNIT PRICE BID FOR ITEM NO. 1.I15)	40.00	L.F.	539 00	21,560 00
014	1.K15 15" E.S.V.P. SEWER, ON CONCRETE CRADLE (ADDITIONAL LENGTH BEYOND 100 FEET) (FIXED UNIT PRICE TO BE 63% OF UNIT PRICE BID FOR ITEM NO. 1.I15)	40.00	L.F.	485 10	19,404 00
015	1.L18 18" E.S.V.P. SEWER, ON CONCRETE CRADLE (MINIMUM 15 FEET LENGTHS)	15.00	L.F.	805 00	12,075 00

BID SCHEDULE FORM

COL 1 SEQ. NO	COL 2 ITEM NUMBER and DESCRIPTION	COL 3 ENGINEER'S ESTIMATE OF QUANTITY	COL 4 UNIT	COL 5 UNIT PRICE (IN FIGURES) DOLLARS : CTS	COL 6 EXTENDED AMOUNT (IN FIGURES) DOLLARS : CTS
016	1.M18 18" E.S.V.P. SEWER, ON CONCRETE CRADLE (ADDITIONAL LENGTH BEYOND THE MINIMUM 15 FEET TO A MAXIMUM OF 100 FEET) (FIXED UNIT PRICE TO BE 70% OF UNIT PRICE BID FOR ITEM NO. 1.L18)	40.00	L.F.	563 50	22,540 00
017	1.N18 18" E.S.V.P. SEWER, ON CONCRETE CRADLE (ADDITIONAL LENGTH BEYOND 100 FEET) (FIXED UNIT PRICE TO BE 63% OF UNIT PRICE BID FOR ITEM NO. 1.L18)	40.00	L.F.	507 15	20,286 00
018	1.O24 24" R.C.P. CLASS III SEWER, ON CONCRETE CRADLE (MINIMUM 15 FEET LENGTHS)	15.00	L.F.	785 00	11,775 00
019	1.P24 24" R.C.P. CLASS III SEWER, ON CONCRETE CRADLE (ADDITIONAL LENGTH BEYOND THE MINIMUM 15 FEET TO A MAXIMUM OF 100 FEET) (FIXED UNIT PRICE TO BE 72% OF UNIT PRICE BID FOR ITEM NO. 1.O24)	40.00	L.F.	565 70	22,608 00
020	1.Q24 24" R.C.P. CLASS III SEWER, ON CONCRETE CRADLE (ADDITIONAL LENGTH BEYOND 100 FEET) (FIXED UNIT PRICE TO BE 65% OF UNIT PRICE BID FOR ITEM NO. 1.O24)	40.00	L.F.	510 25	20,410 00



Department of
Design and
Construction

NEW YORK CITY DEPARTMENT OF DESIGN AND CONSTRUCTION PROJECT ID: BEDA003
DIVISION OF INFRASTRUCTURE - BUREAU OF DESIGN CONTRACT PIN: 8502017WMM0003C

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BID SCHEDULE FORM

COL 1 SEQ. NO	COL 2 ITEM NUMBER and DESCRIPTION	COL 3 ENGINEER'S ESTIMATE OF QUANTITY	COL 4 UNIT	COL 5 UNIT PRICE (IN FIGURES)		COL 6 EXTENDED AMOUNT (IN FIGURES)
				DOLLARS	CTS	
021	1.R30 30" R.C.P. CLASS III SEWER, ON CONCRETE CRADLE (MINIMUM 15 FEET LENGTHS)	15.00	L.F.	820	00	12,300.00
022	1.S30 30" R.C.P. CLASS III SEWER, ON CONCRETE CRADLE (ADDITIONAL LENGTH BEYOND THE MINIMUM 15 FEET TO A MAXIMUM OF 100 FEET) (FIXED UNIT PRICE TO BE 72% OF UNIT PRICE BID FOR ITEM NO. 1.R30)	40.00	L.F.	590	40	23,616.00
023	1.T30 30" R.C.P. CLASS III SEWER, ON CONCRETE CRADLE (ADDITIONAL LENGTH BEYOND 100 FEET) (FIXED UNIT PRICE TO BE 65% OF UNIT PRICE BID FOR ITEM NO. 1.R30)	40.00	L.F.	533	00	21,320.00
024	1.U36 36" R.C.P. CLASS III SEWER, ON CONCRETE CRADLE (MINIMUM 15 FEET LENGTHS)	15.00	L.F.	860	00	12,900.00
025	1.V36 36" R.C.P. CLASS III SEWER, ON CONCRETE CRADLE (ADDITIONAL LENGTH BEYOND THE MINIMUM 15 FEET TO A MAXIMUM OF 100 FEET) (FIXED UNIT PRICE TO BE 72% OF UNIT PRICE BID FOR ITEM NO. 1.U36)	40.00	L.F.	619	20	24,768.00



NEW YORK CITY DEPARTMENT OF DESIGN AND CONSTRUCTION
DIVISION OF INFRASTRUCTURE - BUREAU OF DESIGN

PROJECT ID: BEDA003
CONTRACT PIN: 8502017MM0003C

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BID SCHEDULE FORM

COL 1 SEQ. NO.	COL 2 ITEM NUMBER and DESCRIPTION	COL 3 ENGINEERS ESTIMATE OF QUANTITY	COL 4 UNIT	COL 5 UNIT PRICE (IN FIGURES) DOLLARS	COL 6 EXTENDED AMOUNT (IN FIGURES) DOLLARS
026	1.W36 36" R.C.P. CLASS III SEWER, ON CONCRETE CRADLE (ADDITIONAL LENGTH BEYOND 100 FEET) (FIXED UNIT PRICE TO BE 65% OF UNIT PRICE BID FOR ITEM NO. 1.U36)	40.00	L.F.	559.00	22,360.00
027	1.X42 42" R.C.P. CLASS III SEWER, ON CONCRETE CRADLE (MINIMUM 15 FEET LENGTHS)	15.00	L.F.	990.00	14,850.00
028	1.Y42 42" R.C.P. CLASS III SEWER, ON CONCRETE CRADLE (ADDITIONAL LENGTH BEYOND THE MINIMUM 15 FEET TO A MAXIMUM OF 100 FEET) (FIXED UNIT PRICE TO BE 72% OF UNIT PRICE BID FOR ITEM NO. 1.X42)	40.00	L.F.	712.80	28,512.00
029	1.Z42 42" R.C.P. CLASS III SEWER, ON CONCRETE CRADLE (ADDITIONAL LENGTH BEYOND 100 FEET) (FIXED UNIT PRICE TO BE 65% OF UNIT PRICE BID FOR ITEM NO. 1.X42)	40.00	L.F.	643.50	25,740.00
030	10.32A PHOTOGRAPHS	850.00	SETS	27.00	22,950.00



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NEW YORK CITY DEPARTMENT OF DESIGN AND CONSTRUCTION
DIVISION OF INFRASTRUCTURE - BUREAU OF DESIGN

PROJECT ID: BEDA003
CONTRACT PIN: 8502017MM0003C

BID SCHEDULE FORM

COL 1 SEQ NO	COL 2 ITEM NUMBER and DESCRIPTION	COL 3 ENGINEER'S ESTIMATE OF QUANTITY	COL 4 UNIT	COL 5 UNIT PRICE (IN FIGURES)		COL 6 EXTENDED AMOUNT (IN FIGURES) DOLLARS
				DOLLARS	CTS	
031	4.02 AB-R ASPHALTIC CONCRETE WEARING COURSE, 1-1/2" THICK	20,000.00	S.Y.	24.00		480,000.00
032	4.02 AF-R ASPHALTIC CONCRETE WEARING COURSE, 2" THICK	4,000.00	S.Y.	26.00		104,000.00
033	4.02 CA BINDER MIXTURE	3,000.00	TONS	230.00		690,000.00
034	4.02 CB ASPHALTIC CONCRETE MIXTURE	450.00	TONS	185.00		83,250.00
035	4.04 H CONCRETE BASE FOR PAVEMENT, VARIABLE THICKNESS FOR TRENCH RESTORATION, (HIGH-EARLY STRENGTH)	1,815.00	C.Y.	402.00		740,520.00
036	4.07 AB RESET BLUESTONE CURB	30.00	L.F.	70.00		2,100.00



Department of
Design and
Construction

12/14/2016 9:01 AM

NEW YORK CITY DEPARTMENT OF DESIGN AND CONSTRUCTION PROJECT ID: BEDA003
DIVISION OF INFRASTRUCTURE - BUREAU OF DESIGN CONTRACT PIN: 8502017MM0003C

BID SCHEDULE FORM

COL 1 SEQ. NO.	COL 2 ITEM NUMBER and DESCRIPTION	COL 3 ENGINEER'S ESTIMATE OF QUANTITY	COL 4 UNIT	COL 5 UNIT PRICE (IN FIGURES) DOLLARS CTS	COL 6 EXTENDED AMOUNT (IN FIGURES) DOLLARS CTS
037	4.07 BA RESET GRANITE CURB	30.00	L.F.	70 00	2100 00
038	4.07 NYHA NEW NY HISTORICAL GRANITE CURB, STRAIGHT	30.00	L.F.	95 00	2850 00
039	4.13 AAS 4" CONCRETE SIDEWALK (UNPIGMENTED)	750.00	S.F.	14 00	10,500 00
040	4.13 BAS 7" CONCRETE SIDEWALK (UNPIGMENTED)	1,900.00	S.F.	15 00	28,500 00
041	4.16 AA TREES REMOVED (4" TO UNDER 12" CALIPER)	2.00	EACH	320 00	640 00
042	4.16 AB TREES REMOVED (12" TO UNDER 18" CALIPER)	2.00	EACH	800 00	1600 00



Department of
Design and
Construction

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NEW YORK CITY DEPARTMENT OF DESIGN AND CONSTRUCTION
DIVISION OF INFRASTRUCTURE - BUREAU OF DESIGN

PROJECT ID: BEDA003
CONTRACT PIN: 8502017WM0003C

BID SCHEDULE FORM

COL 1 SEQ. NO.	COL 2 ITEM NUMBER and DESCRIPTION	COL 3 ENGINEER'S ESTIMATE OF QUANTITY	COL 4 UNIT	COL 5 UNIT PRICE (IN FIGURES) DOLLARS	COL 6 EXTENDED AMOUNT (IN FIGURES) DOLLARS
043	4.16 AC TREES REMOVED (18" TO UNDER 24" CALIPER)	2.00	EACH	1250.00	2500.00
044	4.16 AD TREES REMOVED (24" CALIPER AND OVER)	2.00	EACH	1500.00	3000.00
045	4.16 CA405 TREES PLANTED, 3" TO 3-1/2" CALIPER, ALL TYPES, IN 4' X 5' TREE PITS	2.00	EACH	1500.00	3000.00
046	4.18 A MAINTENANCE TREE PRUNING (UNDER 12" CAL.)	20.00	EACH	200.00	4000.00
047	4.18 B MAINTENANCE TREE PRUNING (12" TO UNDER 18" CAL.)	15.00	EACH	250.00	3750.00
048	4.18 C MAINTENANCE TREE PRUNING (18" TO UNDER 24" CAL.)	10.00	EACH	300.00	3000.00



Department of
Design and
Construction

NEW YORK CITY DEPARTMENT OF DESIGN AND CONSTRUCTION
DIVISION OF INFRASTRUCTURE - BUREAU OF DESIGN

PROJECT ID: BEDA003
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BID SCHEDULE FORM

COL 1 SEQ. NO	COL 2 ITEM NUMBER and DESCRIPTION	COL 3 ENGINEER'S ESTIMATE OF QUANTITY	COL 4 UNIT	COL 5 UNIT PRICE (IN FIGURES) DOLLARS	COL 6 EXTENDED AMOUNT (IN FIGURES) DOLLARS
049	4.18 D MAINTENANCE TREE PRUNING (24" CAL. AND OVER)	3.00	EACH	450.00	1350.00
050	4.18 RP ROOT PRUNING	30.00	EACH	550.00	16,500.00
051	4.19 SODDING	300.00	S.Y.	40.00	12,000.00
052	4.20 SEEDING	300.00	S.Y.	25.00	7500.00
053	4.21 TREE CONSULTANT	200.00	P/HR	75.00	15,000.00
054	50.21M3C042D 42" R.C.P. CLASS III STORM SEWER, ON CONCRETE CRADLE	300.00	L.F.	200.00	60,000.00



12/14/2016 9:01 AM

NEW YORK CITY DEPARTMENT OF DESIGN AND CONSTRUCTION PROJECT ID: BEDA003
 DIVISION OF INFRASTRUCTURE - BUREAU OF DESIGN CONTRACT PIN: 8502017MM0003C

BID SCHEDULE FORM

COL. 1 SEQ. NO	COL. 2 ITEM NUMBER and DESCRIPTION	COL. 3 ENGINEERS ESTIMATE OF QUANTITY	COL. 4 UNIT	COL. 5 UNIT PRICE (IN FIGURES) DOLLARS	COL. 6 EXTENDED AMOUNT (IN FIGURES) DOLLARS
055	50.21M3C048D 48" R.C.P. CLASS III STORM SEWER, ON CONCRETE CRADLE	300.00	L.F.	250.00	75,000.00
056	51.21S0A1000V STANDARD MANHOLE TYPE A-1	20.00	EACH	1500.00	30,000.00
057	51.21S0B1000V STANDARD MANHOLE TYPE B-1	2.00	EACH	1500.00	3000.00
058	51.41S001 STANDARD CATCH BASIN, TYPE 1	15.00	EACH	1500.00	22,500.00
059	52.11D12 12" DUCTILE IRON PIPE BASIN CONNECTION	275.00	L.F.		
060	52.21V08 8" E.S.V.P. RISER FOR HOUSE CONNECTION	2.00	V.F.	50.00	137.50.00
				150.00	300.00



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COL 1 SEQ. NO	COL 2 ITEM NUMBER and DESCRIPTION	COL 3 ENGINEER'S ESTIMATE OF QUANTITY	COL 4 UNIT	COL 5 UNIT PRICE (IN FIGURES) DOLLARS CTS	COL 6 EXTENDED AMOUNT (IN FIGURES) DOLLARS CTS
061	52.21V10 10" E.S.V.P. RISER FOR HOUSE CONNECTION	2.00	V.F.	170 00	340 00
062	52.31V06P00 6" E.S.V.P. SPUR FOR HOUSE CONNECTION ON E.S.V.P. SEWER	10.00	EACH	400 00	4000 00
063	52.31V08P00 8" E.S.V.P. SPUR FOR HOUSE CONNECTION ON E.S.V.P. SEWER	3.00	EACH	400 00	1200 00
064	53.11DR TELEVISION INSPECTION AND DIGITAL AUDIO-VISUAL RECORDING OF SEWERS	64,950.00	L.F.	4 00	259,800.00
065	6.01 AC CLEARING AND GRUBBING	300.00	S.Y.	10 00	3000 00
066	6.02 AAN UNCLASSIFIED EXCAVATION	1,500.00	C.Y.	116 00	174,000 00

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067	6.02 XSCW INCREMENTAL COST FOR USING SPECIAL CARE WORK METHODS NEAR (FROM 3 FEET TO 50 FEET) TRANSIT FACILITIES	50.00	C.Y.	100.00	5000.00
068	6.03 CD STRIPPING PAVEMENT SURFACE (GRANITE BLOCK)	50.00	S.Y.	31.00	1550.00
069	6.04 GB FURNISH AND INSTALL GRANITE BLOCK PAVEMENT	50.00	S.Y.	150.00	7500.00
070	6.25 RS TEMPORARY SIGNS	11,650.00	S.F.	4.00	46,600.00
071	6.26 TIMBER CURB	4,000.00	L.F.	0.75	3000.00
072	6.28 AA LIGHTED TIMBER BARRICADES	600.00	L.F.	1.00	600.00



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073	6.29 TTM TEMPORARY TUBULAR MARKERS	125.00	EACH	25 00	3125 00
074	6.34 ACT TEMPORARY CHAIN LINK FENCE, 6'-0" HIGH	800.00	L.F.	10 00	8000 00
075	6.34 ADT TEMPORARY CHAIN LINK FENCE, 8'-0" HIGH	200.00	L.F.	10 00	2000 00
076	6.40 B ENGINEER'S FIELD OFFICE (TYPE B)	24.00	MONTH	5800 00	139,200 00
077	6.44 THERMOPLASTIC REFLECTORIZED PAVEMENT MARKINGS (4" WIDE)	780.00	L.F.	1 00	780 00
078	6.44 POG GREEN BICYCLE LANE PAVEMENT OVERLAY	50.00	S.Y.	80 00	4000 00



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079	6.44 POR RED BUS LANE PAVEMENT OVERLAY	200.00	S.Y.	80.00	16,000.00
080	6.49 TEMPORARY PAVEMENT MARKINGS (4" WIDE)	5,000.00	L.F.	0.50	2,500.00
081	6.52 CG CROSSING GUARD	3,850.00	P/HR	30.20	115,500.00
082	6.53 REMOVE EXISTING LANE MARKINGS (4" WIDE)	5,000.00	L.F.	0.20	1,000.00
083	6.55 SAWCUTTING EXISTING PAVEMENT	70,100.00	L.F.	0.15	10,515.00
084	6.75 GRINDING EXISTING ASPHALTIC CONCRETE WEARING COURSE	500.00	C.Y.	10.00	5,000.00



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085	6.84 B LOLLIPOP TYPE BUS STOP SIGNS PRICE BID SHALL BE FOR THE FIXED SUM OF \$ 10,000.00	1.00	F.S.	10,000.00	\$10,000.00
086	6.87 PLASTIC BARRELS	6,400.00	EACH	4.00	25,600.00
087	60.11R520 FURNISHING AND DELIVERING 20-INCH DUCTILE IRON RESTRAINED JOINT PIPE (CLASS 55)	3,000.00	L.F.	260.00	780,000.00
088	60.11R606 FURNISHING AND DELIVERING 6-INCH DUCTILE IRON RESTRAINED JOINT PIPE (CLASS 56)	1,850.00	L.F.	185.00	342,250.00
089	60.11R608 FURNISHING AND DELIVERING 8-INCH DUCTILE IRON RESTRAINED JOINT PIPE (CLASS 56)	21,000.00	L.F.	228.00	4,788,000.00



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090	60.11R612 FURNISHING AND DELIVERING 12-INCH DUCTILE IRON RESTRAINED JOINT PIPE (CLASS 56)	6,000.00	L.F.	270.00	1,620,000.00
091	60.12D06-IB LAYING 6-INCH DUCTILE IRON PIPE AND FITTINGS IN BROOKLYN (IN IMPROVED ROADWAY AND/OR SIDEWALK LOCATIONS)	1,750.00	L.F.	160.00	280,000.00
092	60.12D06-UB LAYING 6-INCH DUCTILE IRON PIPE AND FITTINGS IN BROOKLYN (IN UNIMPROVED ROADWAY AND/OR SIDEWALK LOCATIONS)	290.00	L.F.	50.00	14,500.00
093	60.12D08-IB LAYING 8-INCH DUCTILE IRON PIPE AND FITTINGS IN BROOKLYN (IN IMPROVED ROADWAY AND/OR SIDEWALK LOCATIONS)	21,770.00	L.F.	115.00	2,503,550.00
094	60.12D08-UB LAYING 8-INCH DUCTILE IRON PIPE AND FITTINGS IN BROOKLYN (IN UNIMPROVED ROADWAY AND/OR SIDEWALK LOCATIONS)	1,330.00	L.F.	30.00	39,900.00
095	60.12D12-IB LAYING 12-INCH DUCTILE IRON PIPE AND FITTINGS IN BROOKLYN (IN IMPROVED ROADWAY AND/OR SIDEWALK LOCATIONS)	6,200.00	L.F.	116.00	719,200.00

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096	60.12D12-UB LAYING 12-INCH DUCTILE IRON PIPE AND FITTINGS IN BROOKLYN (IN UNIMPROVED ROADWAY AND/OR SIDEWALK LOCATIONS)	400.00	L.F.	35.00	14,000.00
097	60.12D20-IB LAYING 20-INCH DUCTILE IRON PIPE AND FITTINGS IN BROOKLYN (IN IMPROVED ROADWAY AND/OR SIDEWALK LOCATIONS)	3,300.00	L.F.	180.00	594,000.00
098	60.13M0A24 FURNISHING AND DELIVERING DUCTILE IRON MECHANICAL JOINT 24-INCH DIAMETER AND SMALLER FITTINGS, INCLUDING WEDGE TYPE RETAINER GLANDS	70.00	TONS	6000.00	420,000.00
099	61.11DMM06 FURNISHING AND DELIVERING 6-INCH MECHANICAL JOINT DUCTILE IRON GATE VALVE COMPLETE WITH WEDGE TYPE RETAINER GLANDS	70.00	EACH	5.00	350.00
100	61.11DMM08 FURNISHING AND DELIVERING 8-INCH MECHANICAL JOINT DUCTILE IRON GATE VALVE COMPLETE WITH WEDGE TYPE RETAINER GLANDS	75.00	EACH	750.00	56,250.00



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101	61.11DMM12 FURNISHING AND DELIVERING 12-INCH MECHANICAL JOINT DUCTILE IRON GATE VALVE COMPLETE WITH WEDGE TYPE RETAINER GLANDS	15.00	EACH	1500.00	22,500.00
102	61.11DMM20 FURNISHING AND DELIVERING 20-INCH MECHANICAL JOINT DUCTILE IRON GATE VALVE COMPLETE WITH WEDGE TYPE RETAINER GLANDS	10.00	EACH	8000.00	80,000.00
103	61.11TWC03 FURNISHING AND DELIVERING 3-INCH WET CONNECTION TAPPING VALVE COMPLETE WITH WEDGE TYPE RETAINER GLANDS	20.00	EACH	100.00	2000.00
104	61.11TWC04 FURNISHING AND DELIVERING 4-INCH WET CONNECTION TAPPING VALVE COMPLETE WITH WEDGE TYPE RETAINER GLANDS	15.00	EACH	100.00	1500.00
105	61.11TWC06 FURNISHING AND DELIVERING 6-INCH WET CONNECTION TAPPING VALVE COMPLETE WITH WEDGE TYPE RETAINER GLANDS	10.00	EACH	100.00	1000.00



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106	61.11TWC08 FURNISHING AND DELIVERING 8-INCH WET CONNECTION TAPPING VALVE COMPLETE WITH WEDGE TYPE RETAINER GLANDS	10.00	EACH	100 00	1000 00
107	61.11TWC12 FURNISHING AND DELIVERING 12-INCH WET CONNECTION TAPPING VALVE COMPLETE WITH WEDGE TYPE RETAINER GLANDS	8.00	EACH	100 00	800 00
108	61.12DMM06 SETTING 6-INCH MECHANICAL JOINT DUCTILE IRON GATE VALVE COMPLETE WITH WEDGE TYPE RETAINER GLANDS	70.00	EACH	100 00	7000 00
109	61.12DMM08 SETTING 8-INCH MECHANICAL JOINT DUCTILE IRON GATE VALVE COMPLETE WITH WEDGE TYPE RETAINER GLANDS	75.00	EACH	100 00	7500 00
110	61.12DMM12 SETTING 12-INCH MECHANICAL JOINT DUCTILE IRON GATE VALVE COMPLETE WITH WEDGE TYPE RETAINER GLANDS	15.00	EACH	100 00	1500 00
111	61.12DMM20 SETTING 20-INCH MECHANICAL JOINT DUCTILE IRON GATE VALVE COMPLETE WITH WEDGE TYPE RETAINER GLANDS	10.00	EACH	100 00	1000 00



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				DOLLARS	CTS	
112	61.12TWC03 SETTING 3-INCH WET CONNECTION TAPPING VALVE COMPLETE WITH WEDGE TYPE RETAINER GLANDS	20.00	EACH	50 00		1000 00
113	61.12TWC04 SETTING 4-INCH WET CONNECTION TAPPING VALVE COMPLETE WITH WEDGE TYPE RETAINER GLANDS	15.00	EACH	50 00		750 00
114	61.12TWC06 SETTING 6-INCH WET CONNECTION TAPPING VALVE COMPLETE WITH WEDGE TYPE RETAINER GLANDS	10.00	EACH	50 00		500 00
115	61.12TWC08 SETTING 8-INCH WET CONNECTION TAPPING VALVE COMPLETE WITH WEDGE TYPE RETAINER GLANDS	10.00	EACH	50 00		500 00
116	61.12TWC12 SETTING 12-INCH WET CONNECTION TAPPING VALVE COMPLETE WITH WEDGE TYPE RETAINER GLANDS	8.00	EACH	50 00		400 00
117	62.11SD FURNISHING AND DELIVERING HYDRANTS	70.00	EACH	3500 00		245000 00



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118	62.12SG SETTING HYDRANTS COMPLETE WITH WEDGE TYPE RETAINER GLANDS	70.00	EACH	800 00	56,000 00
119	62.13RH REMOVING HYDRANTS	50.00	EACH	350 00	17,500 00
120	62.14FS FURNISHING, DELIVERING AND INSTALLING HYDRANT FENDERS	150.00	EACH	250 00	37,500 00
121	63.11VC FURNISHING AND DELIVERING VARIOUS CASTINGS	250.00	TONS	20 00	5,000 00
122	64.11EL WITHDRAWING AND REPLACING HOUSE SERVICES USING 1-1/2- INCH OR LARGER SCREW TAPS	100.00	EACH	100 00	10,000 00
123	64.11ST WITHDRAWING AND REPLACING HOUSE SERVICES USING SMALLER THAN 1-1/2-INCH SCREW TAPS	1,000.00	EACH	75 00	75,000 00



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124	64.12COEG CUTTING AND OFFSETTING HOUSE SERVICE WATER CONNECTIONS (EQUAL TO OR GREATER THAN 3-INCH DIAMETER)	70.00	L.F.	10.00	700.00
125	64.12COLT CUTTING AND OFFSETTING HOUSE SERVICE WATER CONNECTIONS (LESS THAN 3-INCH DIAMETER)	450.00	L.F.	10.00	4500.00
126	64.12ESEG EXTENDING HOUSE SERVICE WATER CONNECTIONS (EQUAL TO OR GREATER THAN 3-INCH DIAMETER)	150.00	L.F.	10.00	1500.00
127	64.12ESLT EXTENDING HOUSE SERVICE WATER CONNECTIONS (LESS THAN 3- INCH DIAMETER)	4,000.00	L.F.	RE 112.50	RE 450,000.00
128	64.13WC08 FURNISHING, DELIVERING AND INSTALLING WET CONNECTION SLEEVE ON 8-INCH WATER MAIN PIPE WITH VARIOUS OUTLETS	25.00	EACH	200.00	5000.00
129	64.13WC12 FURNISHING, DELIVERING AND INSTALLING WET CONNECTION SLEEVE ON 12-INCH WATER MAIN PIPE WITH VARIOUS OUTLETS	20.00	EACH	200.00	4000.00



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130	64.13WC20 FURNISHING, DELIVERING AND INSTALLING WET CONNECTION SLEEVE ON 20-INCH WATER MAIN PIPE WITH VARIOUS OUTLETS	10.00	EACH	200 00	2000 00
131	65.11BR FURNISHING, DELIVERING AND INSTALLING BANDS, RODS, WASHERS, ETC., COMPLETE, FOR RESTRAINING JOINTS.	1,800.00	LBS.	0 10	180 00
132	65.21PS FURNISHING AND PLACING POLYETHYLENE SLEEVE Unit price bid shall not be less than: \$ 0.50	1,400.00	L.F.	0 50	700 00
133	65.31FF FURNISHING, DELIVERING AND PLACING FILTER FABRIC Unit price bid shall not be less than: \$ 0.10	16,700.00	S.F.	0 10	1670 00
134	65.71SG FURNISHING, DELIVERING AND PLACING SCREENED GRAVEL OR SCREENED BROKEN STONE BEDDING	300.00	C.Y.	10 00	3000 00
135	7.13 B MAINTENANCE OF SITE Unit price bid shall not be less than: \$ 12,000.00	18.00	MONTH	12 000 00	216,000 00



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136	7.36 PEDESTRIAN STEEL BARRICADES	22,750.00	L.F.	3.25	73,937.00
137	70.21DK DECKING	149.00	S.Y.	40.00	5960.00
138	70.31FN FENCING Unit price bid shall not be less than: \$ 1.25	2,830.00	L.F.	1.25	3537.50
139	70.51EO EXCAVATION OF BOULDERS IN OPEN CUT Unit price bid shall not be less than: \$ 65.00	50.00	C.Y.	65.00	3250.00
140	70.61RE ROCK EXCAVATION	50.00	C.Y.	100.00	5000.00
141	70.71SB STONE BALLAST Unit price bid shall not be less than: \$ 20.00	45.00	C.Y.	20.00	900.00

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142	70.91SW12 FURNISHING AND PLACING SHEETING AND BRACING IN TRENCH FOR WATER MAIN PIPE 12-INCH IN DIAMETER AND LESS	1,000.00	S.F.	0 10	100 00
143	70.91SW20 FURNISHING AND PLACING SHEETING AND BRACING IN TRENCH FOR WATER MAIN PIPE 20-INCH IN DIAMETER	1,500.00	S.F.	0 15	225 00
144	73.11AB ADDITIONAL BRICK MASONRY Unit price bid shall not be less than: \$ 45.00	20.00	C.Y.	45 00	900 00
145	73.21AC ADDITIONAL CONCRETE Unit price bid shall not be less than: \$ 50.00	30.00	C.Y.	50 00	1500 00
146	73.31AE0 ADDITIONAL EARTH EXCAVATION INCLUDING TEST PITS (ALL DEPTHS) Unit price bid shall not be less than: \$ 20.00	1,150.00	C.Y.	20 00	23000 00
147	73.31AE2 ADDITIONAL EARTH EXCAVATION INCLUDING TEST PITS (OVER 12' TO 16' DEPTH) Unit price bid shall not be less than: \$ 20.00	300.00	C.Y.	20 00	6000 00



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148	73.31AE3 ADDITIONAL EARTH EXCAVATION INCLUDING TEST PITS (OVER 16' TO 20' DEPTH) Unit price bid shall not be less than: \$ 25.00	150.00	C.Y.	25 00	3750 00
149	73.41AG ADDITIONAL SELECT GRANULAR BACKFILL Unit price bid shall not be less than: \$ 10.00	7,250.00	C.Y.	10 00	72,500 00
150	73.51AS ADDITIONAL STEEL REINFORCING BARS Unit price bid shall not be less than: \$ 1.00	554.00	LBS.	1 00	554 00
151	75.11RT REMOVAL OF ABANDONED TRACKS	100.00	L.F.	50 00	5000 00
152	79.11AATA ALLOWANCE FOR ASBESTOS ABATEMENT WORK PERFORMED ON EXISTING TRANSIT AUTHORITY DUCT INSULATION (REMOVAL OF ACM, REPLACEMENT WITH NON-ACM, AND SUPPORT AND PROTECTION OF EXISTING TRANSIT AUTHORITY DUCT, COMPLETE) PRICE BID SHALL BE FOR THE FIXED SUM OF \$ 8,000.00	1.00	F.S.	8,000 00	\$8,000 00

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153	8.08 VARIABLE MESSAGE BOARD	1.00	EACH	5000 00	5000 00
154	9.06 HW ALLOWANCE FOR DECORATIVE MESH FABRIC PRICE BID SHALL BE FOR THE FIXED SUM OF \$ 15,000.00	1.00	F.S.	15,000 00	\$15,000 00
155	9.32 REINFORCED SILT FENCE WITH STAKED STRAW BALES	1,150.00	L.F.	5 00	5750 00
156	DSS014A1 CLEANING OF SEWER (LESS THAN 24" DIAMETER)	46,820.00	L.F.		
157	DSS014A2 CLEANING OF SEWER (24" TO 48" DIAMETER)	12,330.00	L.F.	7 00	327,740 00
				26 00	320,580 00

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158	DSS014B CLEANING OF MANHOLE	205.00	EACH	500 00	102,500 00
159	DSS014C ALLOWANCE FOR EXTRA WORK ON ARTERIAL HIGHWAYS PRICE BID SHALL BE FOR THE FIXED SUM OF \$ 100,000.00	1.00	F.S.	100,000 00	\$100,000 00
160	UTL-6.01.1 GAS MAIN CROSSING SEWER UP TO 24" IN DIAMETER (S6.01) Unit price bid shall not be less than: \$ 1,040.00	10.00	EACH	1040 00	10,400 00
161	UTL-6.01.2 GAS MAIN CROSSING SEWER 30" IN DIAMETER (S6.01) Unit price bid shall not be less than: \$ 1,770.00	2.00	EACH	1,770 00	3,540 00
162	UTL-6.01.3 GAS MAIN CROSSING SEWER 36" THRU 42" IN DIAMETER (S6.01) Unit price bid shall not be less than: \$ 2,040.00	2.00	EACH	2040 00	4,080 00



NYC Department of
Design and
Construction

12/14/2016 9:01 AM

NEW YORK CITY DEPARTMENT OF DESIGN AND CONSTRUCTION
DIVISION OF INFRASTRUCTURE - BUREAU OF DESIGN

PROJECT ID: BEDA003
CONTRACT PIN: 8502017MM0003C

BID SCHEDULE FORM

COL 1 SEQ. NO	COL 2 ITEM NUMBER and DESCRIPTION	COL 3 ENGINEER'S ESTIMATE OF QUANTITY	COL 4 UNIT	COL 5 UNIT PRICE (IN FIGURES) DOLLARS	COL 6 EXTENDED AMOUNT (IN FIGURES) DOLLARS
163	UTL-6.01.4 GAS MAIN CROSSING SEWER 48" THRU 54" IN DIAMETER (S6.01) Unit price bid shall not be less than: \$ 2,120.00	2.00	EACH	2120.00	4240.00
164	UTL-6.01.8 GAS SERVICES CROSSING TRENCHES AND/OR EXCAVATIONS (S6.01) Unit price bid shall not be less than: \$ 465.00	150.00	EACH	465.00	69750.00
165	UTL-6.01.9 GAS MAIN CROSSING WATER MAIN UP TO 20" IN DIAMETER (S6.01) Unit price bid shall not be less than: \$ 485.00	100.00	EACH	485.00	48500.00
166	UTL-6.02 EXTRA EXCAVATION FOR THE INSTALLATION OF CATCH BASIN SEWER DRAIN PIPES WITH GAS INTERFERENCES (S6.02) Unit price bid shall not be less than: \$ 715.00	20.00	EACH	715.00	14300.00
167	UTL-6.03 REMOVAL OF ABANDONED GAS FACILITIES. ALL SIZES. (S6.03) Unit price bid shall not be less than: \$ 15.00	4,000.00	L.F.	15.00	60000.00
168	UTL-6.03.1 REMOVAL OF ABANDONED GAS FACILITIES WITH POSSIBLE COAL TAR WRAP. ALL SIZES. (FOR NATIONAL GRID WORK ONLY) (S6.03) Unit price bid shall not be less than: \$ 25.00	500.00	L.F.	25.00	12500.00



Department of
Design and
Construction

NEW YORK CITY DEPARTMENT OF DESIGN AND CONSTRUCTION PROJECT ID: BEDA003
DIVISION OF INFRASTRUCTURE - BUREAU OF DESIGN CONTRACT PIN: 8502017WM0003C

12/14/2016 9:01 AM

BID SCHEDULE FORM

COL 1 SEQ. NO	COL 2 ITEM NUMBER and DESCRIPTION	COL 3 ENGINEER'S ESTIMATE OF QUANTITY	COL 4 UNIT	COL 5 UNIT PRICE (IN FIGURES) DOLLARS CTS	COL 6 EXTENDED AMOUNT (IN FIGURES) DOLLARS CTS
169	UTL-6.04 ADJUST HARDWARE TO GRADE USING SPACER RINGS/ADAPTORS. (STREET REPAVING.) (\$6.04) Unit price bid shall not be less than: \$ 35.00	150.00	EACH	35 00	5 250 00
170	UTL-6.05 ADJUST HARDWARE TO GRADE BY RESETTING. (ROAD RECONSTRUCTION.) (\$6.05) Unit price bid shall not be less than: \$ 65.00	150.00	EACH	65 00	9 750 00
171	UTL-6.06 SPECIAL CARE EXCAVATION AND BACKFILLING (\$6.06) Unit price bid shall not be less than: \$ 180.00	2,500.00	C.Y.	180 00	450,000 00
172	UTL-6.07 TEST PITS FOR GAS FACILITIES (\$6.07) Unit price bid shall not be less than: \$ 100.00	100.00	C.Y.	100 00	10,000 00
173	UTL-6.09 TRENCH EXCAVATION AND BACKFILL FOR GAS MAINS AND SERVICES. GAS INSTALLED BY OTHERS (FOR NATIONAL GRID WORK ONLY). (\$6.09) Unit price bid shall not be less than: \$ 190.00	50.00	C.Y.	190 00	9 500 00



Department of
Design and
Construction

12/14/2016 9:01 AM

NEW YORK CITY DEPARTMENT OF DESIGN AND CONSTRUCTION
DIVISION OF INFRASTRUCTURE - BUREAU OF DESIGN

PROJECT ID: BEDA003
CONTRACT PIN: 8502017VM0003C

BID SCHEDULE FORM

COL 1 SEQ. NO.	COL 2 ITEM NUMBER and DESCRIPTION	COL 3 ENGINEER'S ESTIMATE OF QUANTITY	COL 4 UNIT	COL 5 UNIT PRICE (IN FIGURES) DOLLARS	COL 6 EXTENDED AMOUNT (IN FIGURES) DOLLARS
174	UTL-GCS-2WS GAS INTERFERENCES AND ACCOMMODATIONS PRICE BID SHALL BE FOR THE FIXED SUM OF \$ 100,000.00	1.00	F.S.	100,000.00	\$100,000.00

SUB-TOTAL: \$ 19,216,660.00

175	6.39 A MOBILIZATION BID PRICE OF MOBILIZATION SHALL NOT EXCEED 4% OF THE ABOVE SUB-TOTAL PRICE.	1.00	L.S.	725,000.00	725,000.00
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TOTAL BID PRICE: \$ 19,941,660.00

PLEASE BE SURE A LEGIBLE BID IS ENTERED FOR EACH ITEM.
THE BIDDER SHALL INSERT THE TOTAL BID PRICE IN
THE BID FORM ON PAGE C-4 OF THIS BID BOOKLET.

(NO TEXT ON THIS PAGE)

Tax ID #: _____

APT E-
PIN #: 85017B0053

**SCHEDULE B – M/WBE Utilization Plan
Part I: M/WBE Participation Goals**

Part I to be completed by contracting agency

Contract Overview

APT E- Pin # 85017B0053 FMS Project ID#: BEDA003
 Project Title/ Agency PIN # ACCELERATED DISTRIBUTION WATER MAIN REPLACEMENT AND SEWER REHABILITATION / REPLACEMENT/ 8502017WM0003C
 Bid/Proposal Response Date FEBRUARY 17, 2017
 Contracting Agency Department of Design and Construction
 Agency Address 30-30 Thomson Avenue City Long Island City State NY Zip Code 11101
 Contact Person Emmanuel Charles Title MWBE Compliance Analyst
 Telephone # (718) 391-1450 Email CHARLESEM@ddc.nyc.gov

Project Description (attach additional pages if necessary)

PROJECT ID: BEDA003
 ACCELERATED DISTRIBUTION WATER MAIN REPLACEMENT AND SEWER REHABILITATION / REPLACEMENT
 Together With All Work Incidental Thereto
 BOROUGH OF BROOKLYN
 CITY OF NEW YORK

M/WBE Participation Goals for Services
 Enter the percentage amount for each group or for an unspecified goal. Please note that there are no goals for Asian Americans in Professional Services.

Prime Contract Industry: Construction

Group	Percentage
<u>Unspecified*</u>	<u>5%</u>
or	
<u>Black American</u>	<u>UNSPECIFIED*</u>
<u>Hispanic American</u>	<u>UNSPECIFIED*</u>
<u>Asian American</u>	<u>UNSPECIFIED*</u>
<u>Women</u>	<u>UNSPECIFIED*</u>
Total Participation Goals	5% Line 1

*Note: For this procurement, individual ethnicity and gender goals are not specified. The Total Participation Goal for construction contracts may be met by using either Black-American, Hispanic-American, Asian American, or Women certified firms or any combination of such firms.

SCHEDULE B - Part II: M/WBE Participation Plan

Part II to be completed by the bidder/proposer.

Please note: For Non-M/WBE Prime Contractors who will NOT subcontract any services and will self-perform the entire contract, you must obtain a FULL waiver by completing the Waiver Application on pages 17 and 18 and timely submitting it to the contracting agency pursuant to the Notice to Prospective Contractors. Once a FULL WAIVER is granted, it must be included with your bid or proposal and you do not have to complete or submit this form with your bid or proposal.

Section I: Prime Contractor Contact Information			
Tax ID #	<u>113353007</u>	FMS Vendor ID #	<u>622618</u>
Business Name	<u>ADC CONSTRUCTION, LLC</u>	Contact Person	<u>JOSEPH AIELLO</u>
Address	<u>58-08 48TH ST MASPETH NY 11378</u>		
Telephone #	<u>718 628 5555</u>	Email	<u>ADC.CONSTRUCTION@VULSON.NET</u>

Section II: M/WBE Utilization Goal Calculation: Check the applicable box and complete subsection.

PRIME CONTRACTOR ADOPTING AGENCY M/WBE PARTICIPATION GOALS			
<input type="checkbox"/> For Prime Contractors (including Qualified Joint Ventures and M/WBE firms) adopting Agency M/WBE Participation Goals.	Total Bid/Proposal Value	Agency Total Participation Goals (Line 1, Page 13)	Calculated M/WBE Participation Amount
<p>Calculate the total dollar value of your total bid that you agree will be awarded to M/WBE subcontractors for services and/or credited to an M/WBE prime contractor or Qualified Joint Venture.</p> <p>Please review the Notice to Prospective Contractors for more information on how to obtain credit for M/WBE participation.</p>	<u>\$ 19,941,660 X</u>	<u>5%</u>	<u>\$ 997,083⁰⁰</u> Line 2

PRIME CONTRACTOR OBTAINED PARTIAL WAIVER APPROVAL: ADOPTING MODIFIED M/WBE PARTICIPATION GOALS			
<input type="checkbox"/> For Prime Contractors (including Qualified Joint Ventures and M/WBE firms) adopting Modified M/WBE Participation Goals.	Total Bid/Proposal Value	Adjusted Participation Goal (From Partial Waiver)	Calculated M/WBE Participation Amount
<p>Calculate the total dollar value of your total bid that you agree will be awarded to M/WBE subcontractors for services and/or credited to an M/WBE prime contractor or Qualified Joint Venture.</p> <p>Please review the Notice to Prospective Contractors for more information on how to obtain credit for M/WBE participation.</p>	<u>\$</u>	<u>X</u>	<u>\$</u> Line 3

Section III: M/WBE Utilization Plan: How Proposer/Bidder Will Fulfill M/WBE Participation Goals. Please review the Notice to Prospective Contractors for more information on how to obtain credit for M/WBE participation. Check applicable box. The Proposer or Bidder will fulfill the M/WBE Participation Goals:

As an M/WBE Prime Contractor that will self-perform and/or subcontract to other M/WBE firms a portion of the contract the value of which is at least the amount located on Lines 2 or 3 above, as applicable. The value of any work subcontracted to non-M/WBE firms will not be credited towards fulfillment of M/WBE Participation Goals. Please check all that apply to Prime Contractor:

MBE WBE

As a Qualified Joint Venture with an M/WBE partner, in which the value of the M/WBE partner's participation and/or the value of any work subcontracted to other M/WBE firms is at least the amount located on Lines 2 or 3 above, as applicable. The value of any work subcontracted to non M/WBE firms will not be credited towards fulfillment of M/WBE Participation Goals.

As a non M/WBE Prime Contractor that will enter into subcontracts with M/WBE firms the value of which is at least the amount located on Lines 2 or 3 above, as applicable.

Section IV: General Contract Information

What is the expected percentage of the total contract dollar value that you expect to award in subcontracts for services, regardless of M/WBE status? % 5.29

Enter brief description of the type(s) and dollar value of subcontracts for all services you plan on subcontracting if awarded this contract. For each item, indicate whether the work is designated for participation by MBEs and/or WBEs and the time frame in which such work is scheduled to begin and end. Use additional sheets if necessary.

1.	T.V. SEWER	WBE	540,000
2.	TREE CONSULTANT	WBE	60,000
3.	TWICKING	WBE	400,000
4.	TREE PRUNING		35,000
5.	PHOTOGRAPHS		20,000
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			

✓ Scopes of Subcontract Work