



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: GCHP24-02

**POROUS PAVEMENT PILOT IN THE HUTCHINSON RIVER CSO
TRIBUTARY AREAS HP-024 & HP-023**

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

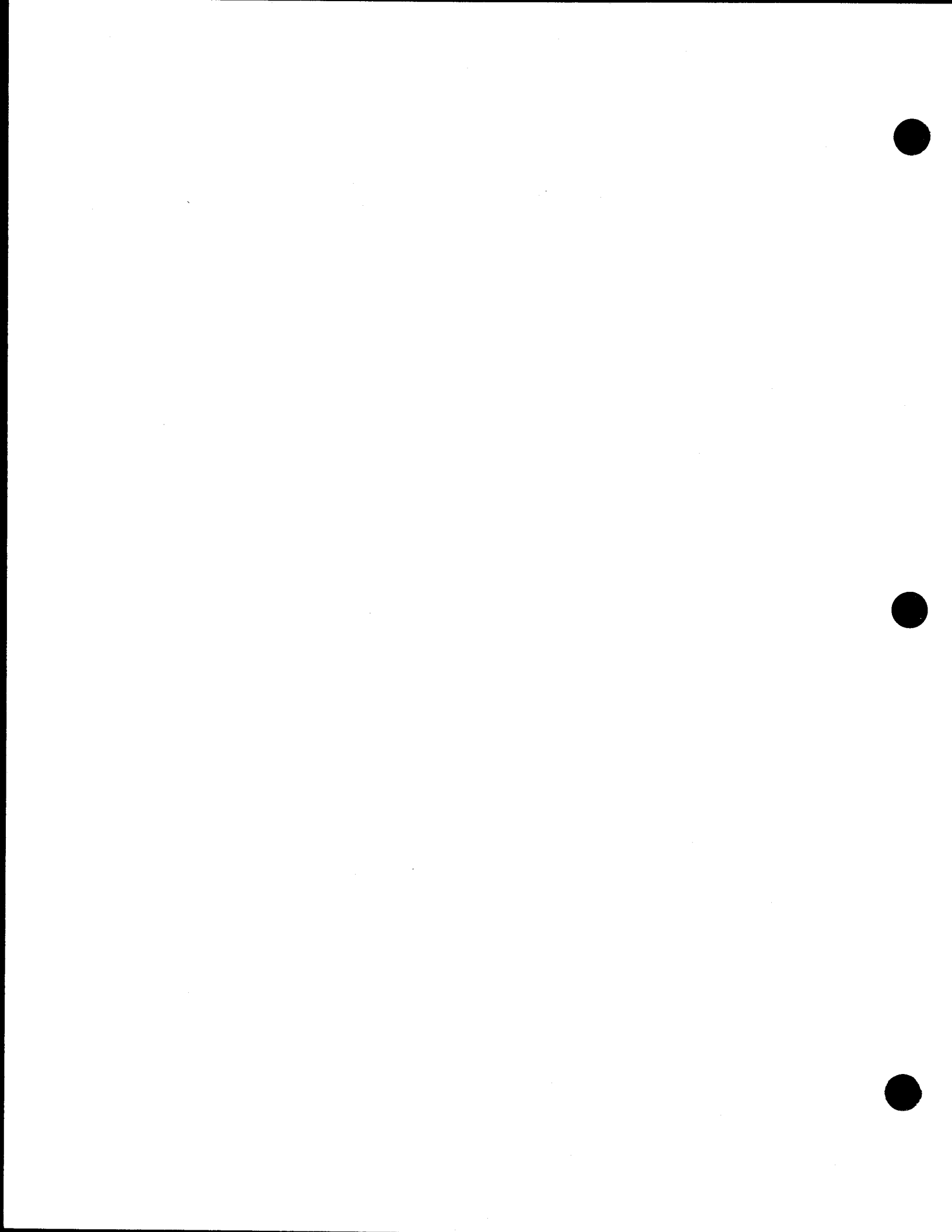


FOR THE DEPARTMENT OF ENVIRONMENTAL PROTECTION
PREPARED BY

GREELEY AND HANSEN LLC

MARCH 20, 2017

7-089



Bid Tab

Description **POROUS PAVEMENT PILOT IN THE HUTCHINSON
RIVER CSO TRIBUTARY AREA HP-024 & HP-023**

Bid Date 5/10/2017 FMS ID GCHP24-02

Estimated Cost \$1,890,229.00 Client Agency DEP

Bid Security Not less than 2%
of Total Bid Price PLA No

Time Allowed 545 CCD Contract Manager Shermaine
Manifold

Addendum 1 Project Manager Patel, Ajaykumar

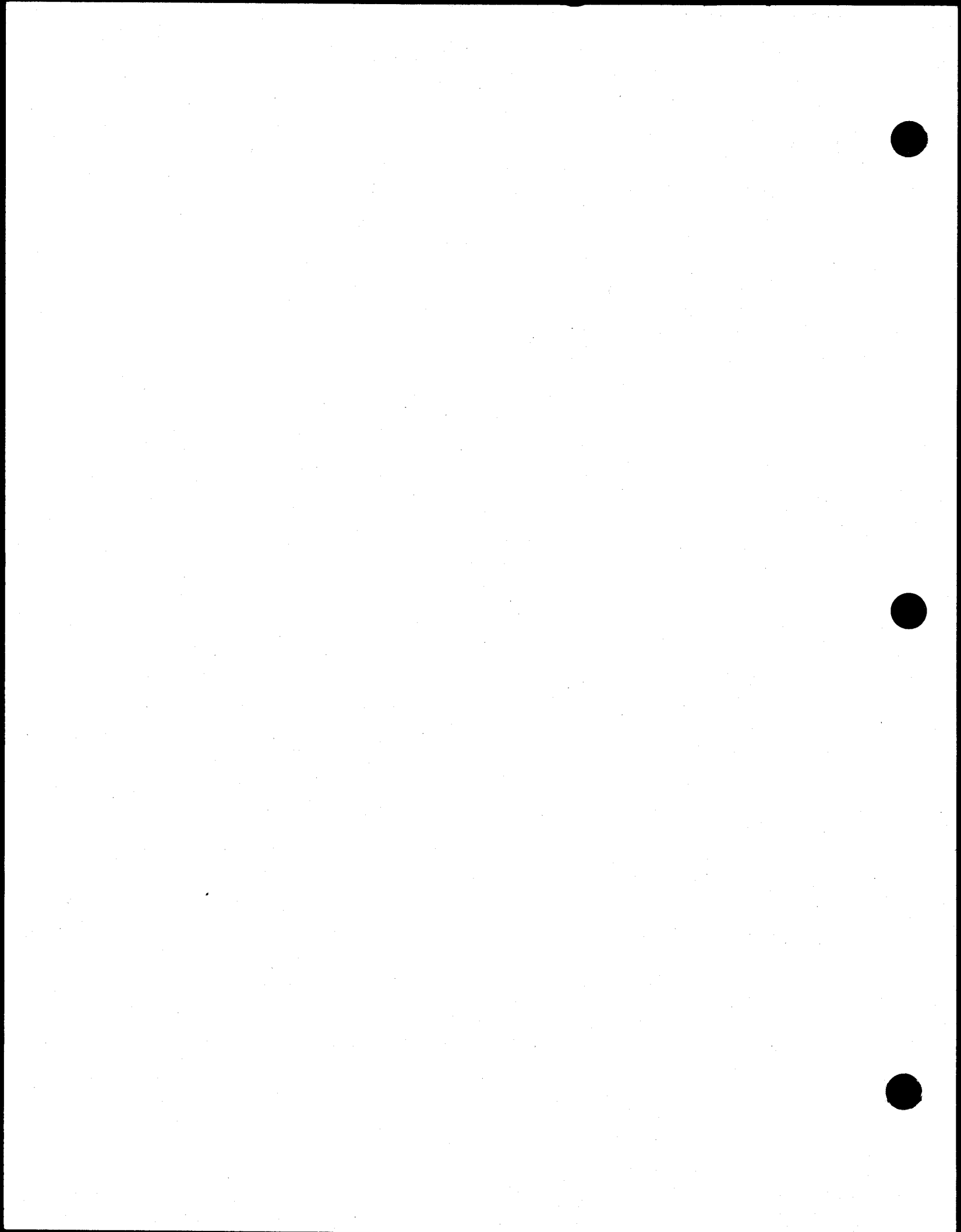
PIN 8502016SE0039C E-PIN 85017B0010

Selective Bidding Yes No

Bid Rank	Vendor	Bid Amount	Security Type
1	JR CRUZ CORP	\$2,978,869.20	Bond
2	J. ANTHONY ENTERPRISES, INC.	\$3,074,833.00	Bond
3	MONTESANO BROS. INC.	\$3,078,312.00	Bond
4	J. PIZZIRUSSO LANDSCAPING CORP.	\$3,290,265.00	Bond
5	PRIMA PAVING CORP.	\$4,669,043.00	Bond
6	HEAVY CONSTRUCTION CO., INC.	\$4,685,441.39	Bond

Recorder: Victoria Ayo-Vaughan

Approver: 





October 19, 2017

CERTIFIED MAIL - RETURN RECEIPT REQUEST

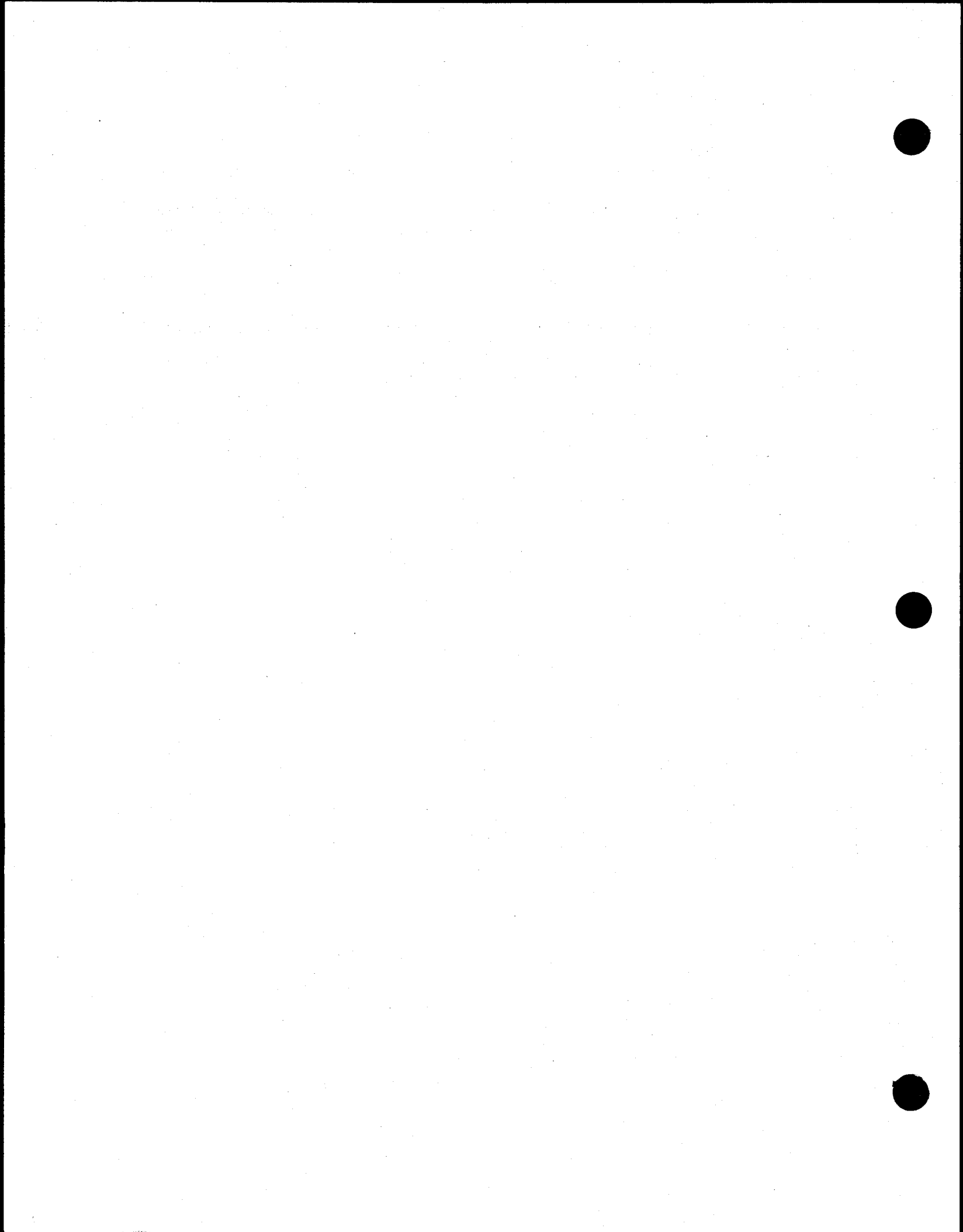
JR CRUZ CORP
675 LINE RD
ABERDEEN, NJ 07747

RE: FMS ID: GCHP24-02
E-PIN: 85017B0010001
DDC PIN: 8502016SE0039C
POROUS PAVEMENT PILOT IN THE
HUTCHINSON RIVER CSO TRIBUTARY
AREA HP-024 & HP-023
NOTICE OF AWARD

Dear Contractor:

You are hereby awarded the above referenced contract based upon your bid in the amount of \$2,978,869.20 submitted at the bid opening on May 10, 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.

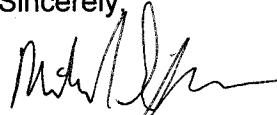
- (1) Execute two copies of the Agreement in the Contracts Unit, 30-30 Thomson Avenue, 1st Floor, Long Island City, New York (IDCNY Building). A Commissioner of Deeds will be available to witness and notarize your signature. The Agreement must be signed by an officer of the corporation or a partner of 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.



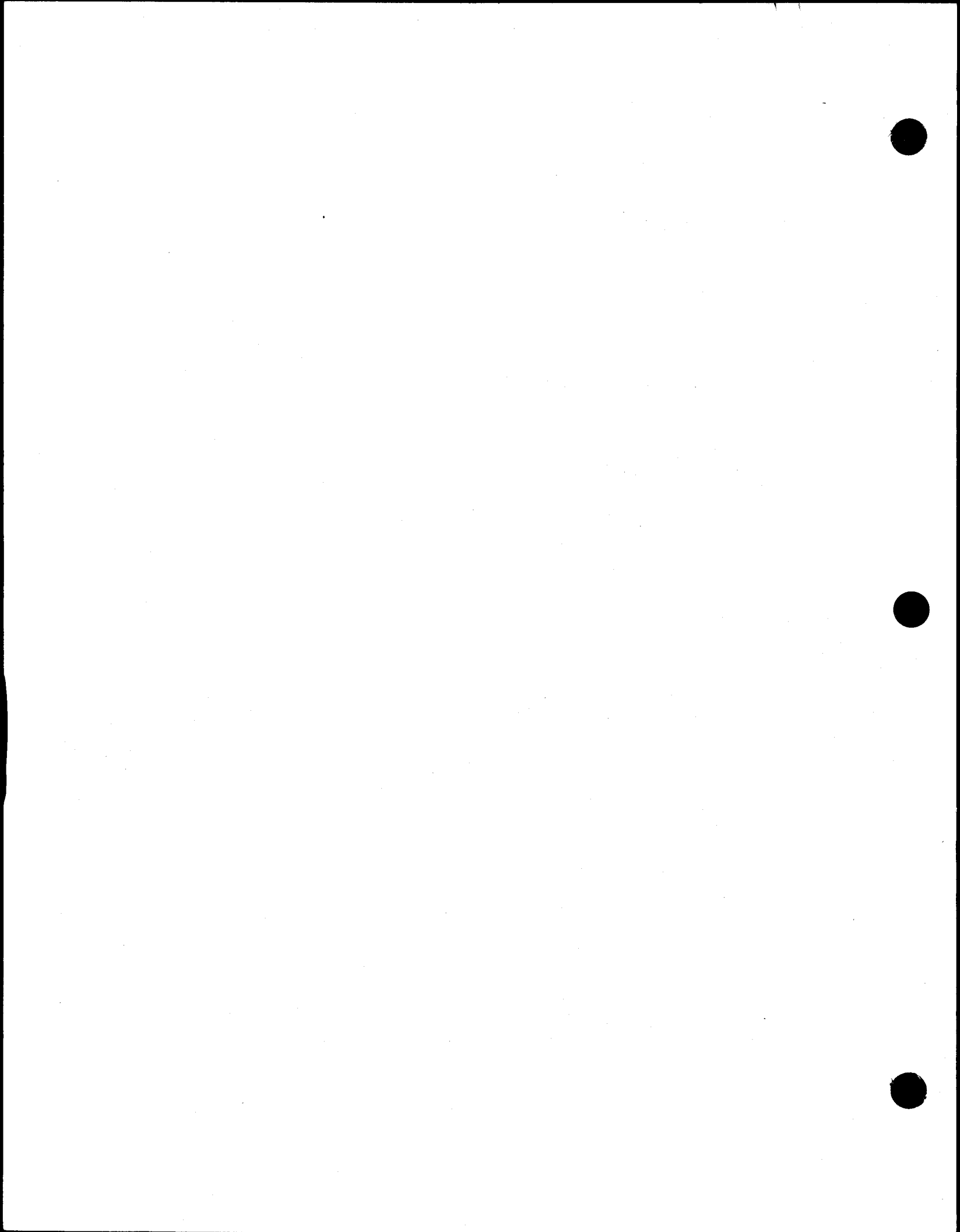
On or before the contract commencement date, you are required to submit all other certificates of insurance and/or policies in the types and amounts required by Schedule A. Such certificates of Insurance and/or policies must be submitted to the Agency Chief Contracting Office, Attention: Risk Manager, 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 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: GCHP24-02

**POROUS PAVEMENT PILOT IN THE HUTCHINSON RIVER CSO
TRIBUTARY AREAS HP-024 & HP-023**

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

Name of Bidder: JRCRUZ Corp.

Date of Bid Opening: May 10, 2017

Bidder is: (Check one, whichever applies) Individual () Partnership () Corporation (X)

Place of Business of Bidder: 675 Line Road, Aberdeen, NJ 07747

Bidder's Telephone Number: 732/290-0700 Fax Number: 732/290-8960

Bidder's E-Mail Address: engineering@jrcruz.com

Residence of Bidder (If Individual): _____

If Bidder is a Partnership, fill in the following blanks:

Names of Partners

Residence of Partners

If Bidder is a Corporation, fill in the following blanks:

Organized under the laws of the State of New York

Name and Home Address of President: Evaristo Cruz, Jr.
74 Hickory Lane, Lincroft, NJ 07738

Name and Home Address of Secretary: Matthew J. Cruz
74 Hickory Lane, Lincroft, NJ 07738

Name and Home Address of Treasurer: Same as President

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 this 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. GCHP24-02

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)

\$ 2,977,369.²⁰

VAN 5/10/17

2,978,869.20

ECT

10/26/17

BIDDER'S SIGNATURE AND AFFIDAVIT

Bidder: JRCRUZ Corp.

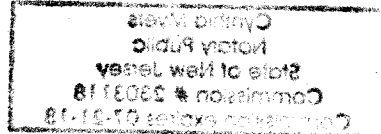
By: [Signature]
Evaristo Cruz, Jr., President (Signature of Partner or corporate officer)

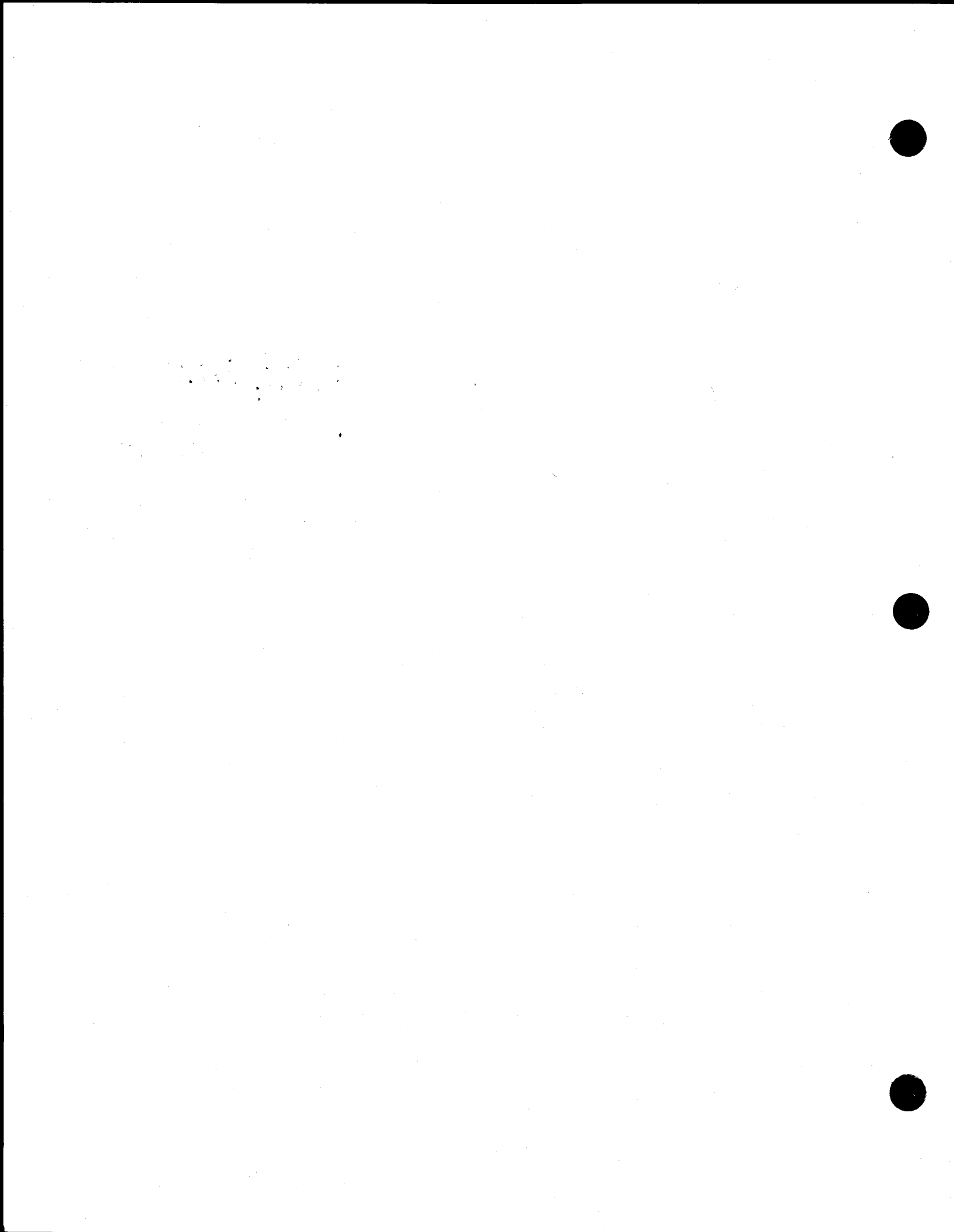
[Signature]

Attest: Matthew J. Cruz
(Corporate Seal)

Secretary of Corporate Bidder

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





BID FORM

PROJECT ID. GCHP24-02

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)

\$ 2,977,369.⁰⁰

VAV 5/11/17

ECS 10/26/17

BIDDER'S SIGNATURE AND AFFIDAVIT

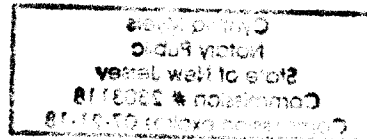
Bidder: JRCRUZ Corp.

By: [Signature]
Evaristo Cruz, Jr., President (Signature of Partner or corporate officer)

Attest: Matthew J. Cruz
(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

STATE OF NEW YORK, COUNTY OF _____ ss: _____ being duly sworn says:
I am a member of _____ 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 _____ day of _____, _____

Notary Public

AFFIDAVIT WHERE BIDDER IS A CORPORATION

STATE OF NEW ~~YORK~~ COUNTY OF Monmouth ss: _____ being duly sworn says:
Evaristo Cruz, Jr.
I am the President of the above named corporation whose name is subscribed to and which executed the foregoing bid. I reside at 74 Hickory Lane, Lincroft, NJ 07738.
I have knowledge of the several matters therein stated, and they are in all respects true.

(Signature of Corporate Officer who signed the Bid)

Subscribed and sworn to before me this _____ day of May, 2017

Notary Public

**Cynthia Myers
Notary Public
State of New Jersey
Commission # 2303118
Commission expires 07-21-18**

AFFIRMATION

PROJECT ID. GCHP24-02

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: JRCRUZ Corp.
Address: 675 Line Road
City Aberdeen State NJ Zip Code 07747

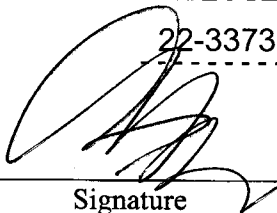
CHECK ONE BOX AND INCLUDE APPROPRIATE NUMBER:

A - Individual or Sole Proprietorship*
SOCIAL SECURITY NUMBER

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

C - Corporation
EMPLOYER IDENTIFICATION NUMBER

22-3373796

By:  _____
Signature Evaristo Cruz, Jr.

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 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 - 12

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 C4 OF THIS BID BOOKLET.

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
001	4.02 AF ASPHALTIC CONCRETE WEARING COURSE, 2" THICK	1,500.00	S.Y.	20	-	30,000	-
002	4.04 H CONCRETE BASE FOR PAVEMENT, VARIABLE THICKNESS FOR TRENCH RESTORATION, (HIGH-EARLY STRENGTH)	15.00	C.Y.	300	-	4,500	-
003	4.07 BA RESET GRANITE CURB	20.00	L.F.	150	-	3,000	-
004	4.07 CB NEW GRANITE CURB, STRAIGHT	100.00	L.F.	150	-	15,000	-
005	4.08 PP CONCRETE CURB FOR POROUS PAVEMENT (30" DEEP)	5,411.00	L.F.	140	-	757,540	-
006	4.09 AD STRAIGHT STEEL FACED CONCRETE CURB (18" DEEP)	40.00	L.F.	150	-	6,000	-

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
007	4.11 AA ROCK EXCAVATION IN STREETS, TRENCHES AND STRUCTURES	30.00	C.Y.	800 -	24,600 -
008	4.11 CA FILL, PLACE MEASUREMENT	25.00	C.Y.	50 -	1,250 -
009	4.13 AAS 4" CONCRETE SIDEWALK (UNPIGMENTED)	750.00	S.F.	12 -	9,000 -
010	4.13 BAS 7" CONCRETE SIDEWALK (UNPIGMENTED)	1,500.00	S.F.	15 -	22,500 -
011	4.14 W WELDED STEEL WIRE FABRIC	36.00	LBS.	5 -	180 -
012	4.18 A MAINTENANCE TREE PRUNING (UNDER 12" CAL.)	12.00	EACH	100 -	1,200 -

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
013	4.18 B MAINTENANCE TREE PRUNING (12" TO UNDER 18" CAL.)	84.00	EACH	130	-	10,920	-
014	4.18 C MAINTENANCE TREE PRUNING (18" TO UNDER 24" CAL.)	12.00	EACH	150	-	1,800	-
015	4.18 D MAINTENANCE TREE PRUNING (24" CAL. AND OVER)	2.00	EACH	200	-	400	-
016	4.21 TREE CONSULTANT	120.00	P/HR	60	-	7,200	-
017	6.02 AAN UNCLASSIFIED EXCAVATION	2,204.00	C.Y.	80	-	176,320	-
018	6.07 AA EXISTING BLUESTONE FLAGS RELAID	100.00	S.F.	25	-	2,500	-

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
019	6.09 C CONCRETE HEADER (6" WIDE X 24" DEEP)	5,550.00	L.F.	70 -	388,500 -
020	6.22 F ADDITIONAL HARDWARE	5,000.00	LBS.	0 70	3,500 -
021	6.25 RS TEMPORARY SIGNS	320.00	S.F.	2 -	640 -
022	6.26 TIMBER CURB	1,000.00	L.F.	2 -	2,000 -
023	6.28 BA LIGHTED TYPE III BREAKAWAY BARRICADES	36.00	L.F.	5 -	180 -
024	6.36 DR STRUCTURAL REPAIR AND ADJUSTMENT OF UTILITY STRUCTURES	50.00	C.Y.	68 -	3,000 -

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)		COL 6 EXTENDED AMOUNT (IN FIGURES)	
				DOLLARS	CTS	DOLLARS	CTS
025	6.40 B ENGINEERS FIELD OFFICE (TYPE B)	24.00	MONTH	19,000	-	458,000	-
026	6.43 PHOTOGRAPHS	45.00	SETS	27	-	1,215	-
027	6.50 CLEANING OF DRAINAGE STRUCTURES	9.00	EACH	550	-	4,950	-
028	6.52 CG CROSSING GUARD	288.00	P/HR	25	-	7,200	-
029	6.55 SAWCUTTING EXISTING PAVEMENT	11,704.00	L.F.	5	-	58,520	-
030	6.87 PLASTIC BARRELS	200.00	EACH	5	-	1,000	-

4/4/2017 8:25 AM



Department of
Design and
Construction

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

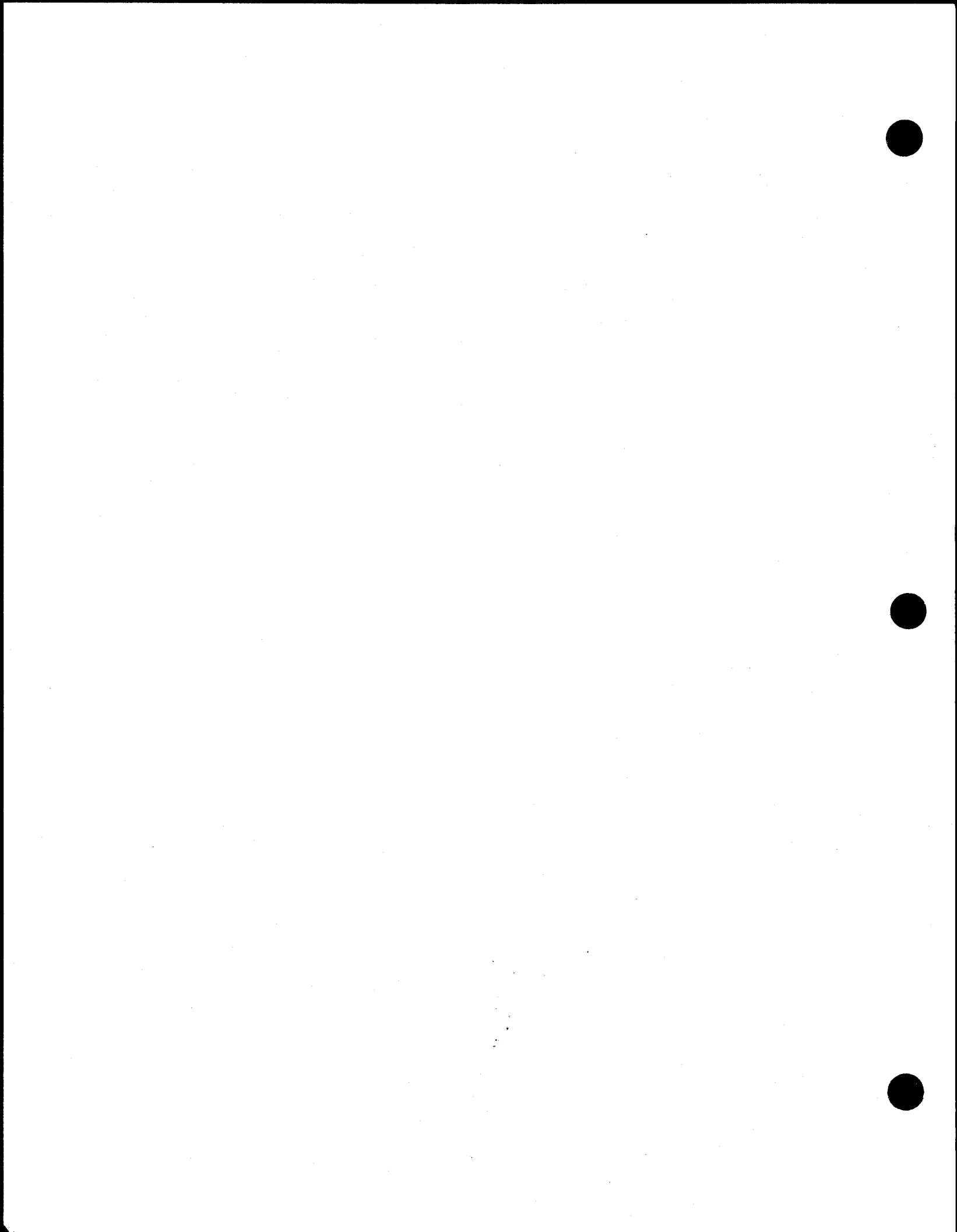
PROJECT ID: GCHP24-02
CONTRACT PIN: 8502016SE0039C

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	CTS	COL. 6 EXTENDED AMOUNT (IN FIGURES) DOLLARS	CTS
031	7.13 B MAINTENANCE OF SITE	18.00	MONTH	7,500	-	135,000	-
032	7.36 PEDESTRIAN STEEL BARRICADES	600.00	L.F.	2	-	1,200	-
033	7.68 PP GEOGRID FOR ROADWAYS	2,405.00	S.Y.	1	50	3,607.50	50
034	8.02 A SPECIAL CARE EXCAVATION AND RESTORATION FOR SIDEWALK WORK	2,500.00	S.F.	5	-	12,500	-
035	8.02 B SPECIAL CARE EXCAVATION AND RESTORATION FOR CURB WORK	500.00	L.F.	10	-	5,000	-
036	GI-2.03P PRECAST CONCRETE PERMEABLE PAVERS	379.00	S.Y.	250	-	94,750	-

B-9

17



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	CTS	COL. 6 EXTENDED AMOUNT (IN FIGURES) DOLLARS	CTS
031	7.13 B MAINTENANCE OF SITE	18.00	MONTH	7,500	-	135,000	-
032	7.36 PEDESTRIAN STEEL BARRICADES	600.00	L.F.	2	-	1,200	-
033	7.68 PP GEOGRID FOR ROADWAYS	2,405.00	S.Y.	1	50	2,107.50	50
034	8.02 A SPECIAL CARE EXCAVATION AND RESTORATION FOR SIDEWALK WORK	2,500.00	S.F.	5	-	12,500	-
035	8.02 B SPECIAL CARE EXCAVATION AND RESTORATION FOR CURB WORK	500.00	L.F.	10	-	5,000	-
036	G1-2.03P PRECAST CONCRETE PERMEABLE PAVERS	379.00	S.Y.	250	-	94,750	-

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)		COL. 6 EXTENDED AMOUNT (IN FIGURES)	
				DOLLARS	CTS	DOLLARS	CTS
037	GI-2.04N 5 INCH THICK BY 4 FOOT WIDE PRECAST POROUS CONCRETE PANELS	4,500.00	L.F.	100	-	450,000	-
038	GI-2.07A 3/8" CLEAN OPEN GRADED STONE	50.00	C.Y.	90	-	4,500	-
039	GI-2.07B 3/4" CLEAN OPEN GRADED STONE	923.00	C.Y.	125	-	115,375	-
040	GI-2.07C 1-1/2" CLEAN OPEN GRADED STONE	237.00	C.Y.	135	-	31,995	-
041	GI-2.09 DR GEOTEXTILE FABRIC FOR DRAINAGE	2,405.00	S.Y.	2	50	6,012	50
042	GI-5.35 SLEEVE FOR UTILITY CROSSINGS	600.00	L.F.	30	-	18,000	-



4/4/2017 8:25 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)		COL. 6 EXTENDED AMOUNT (IN FIGURES)
				DOLLARS	CTS	
043	GI-PZ01 PIEZOMETER MONITORING WELLS	13.00	EACH	1700	-	22,100 -
044	UTL-6.01.8 GAS SERVICES CROSSING TRENCHES AND/OR EXCAVATIONS (S6.01) Unit price bid shall not be less than: \$ 465.00	120.00	EACH	465	-	55,800 -
045	UTL-6.03 REMOVAL OF ABANDONED GAS FACILITIES. ALL SIZES. (S6.03) Unit price bid shall not be less than: \$ 15.00	500.00	L.F.	15	-	7,500 -
046	UTL-6.06 SPECIAL CARE EXCAVATION AND BACKFILLING (S6.06) Unit price bid shall not be less than: \$ 180.00	200.00	C.Y.	180	-	36,000 -
047	UTL-6.07 TEST PITS FOR GAS FACILITIES (S6.07) Unit price bid shall not be less than: \$ 100.00	30.00	C.Y.	100	-	3,000 -



4/4/2017 8:25 AM

NEW YORK CITY DEPARTMENT OF DESIGN AND CONSTRUCTION PROJECT ID: GCHP24-02
DIVISION OF INFRASTRUCTURE - BUREAU OF DESIGN CONTRACT PIN: 8502016SE0039C

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
048	UTL-GCS-2WS GAS INTERFERENCES AND ACCOMMODATIONS PRICE BID SHALL BE FOR THE FIXED SUM OF \$ 30,000.00	1.00	F.S.	30,000 : 00	\$30,000 : 00

SUB-TOTAL: \$ 2,862,855.60

049	6.39 A MOBILIZATION BID PRICE OF MOBILIZATION SHALL NOT EXCEED 4% OF THE ABOVE SUB-TOTAL PRICE.	1.00	L.S.		114,514 : 20
-----	--	------	------	--	--------------

TOTAL BID PRICE: \$ 2,977,369.80

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.



4/4/2017 8:25 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
048	UTL-GCS-2WS GAS INTERFERENCES AND ACCOMMODATIONS PRICE BID SHALL BE FOR THE FIXED SUM OF \$ 30,000.00	1.00	F.S.	30,000 : 00	\$30,000 : 00

049	6.39 A MOBILIZATION BID PRICE OF MOBILIZATION SHALL NOT EXCEED 4% OF THE ABOVE SUB-TOTAL PRICE.	1.00	L.S.		
-----	--	------	------	--	--

SUB-TOTAL: \$ 2,977,369.20
~~2,862,855.60~~
~~2,864,355.60~~
ECT 10/24/17

TOTAL BID PRICE: \$ 2,977,369.20
2,978,869.80
ECT 10/24/17

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.

BID BOND 1
FORM OF BID BOND

KNOW ALL MEN BY THESE PRESENTS. That we, _____
JRCruz Corp.

hereinafter referred to as the "Principal", and _____
Liberty Mutual Insurance Company

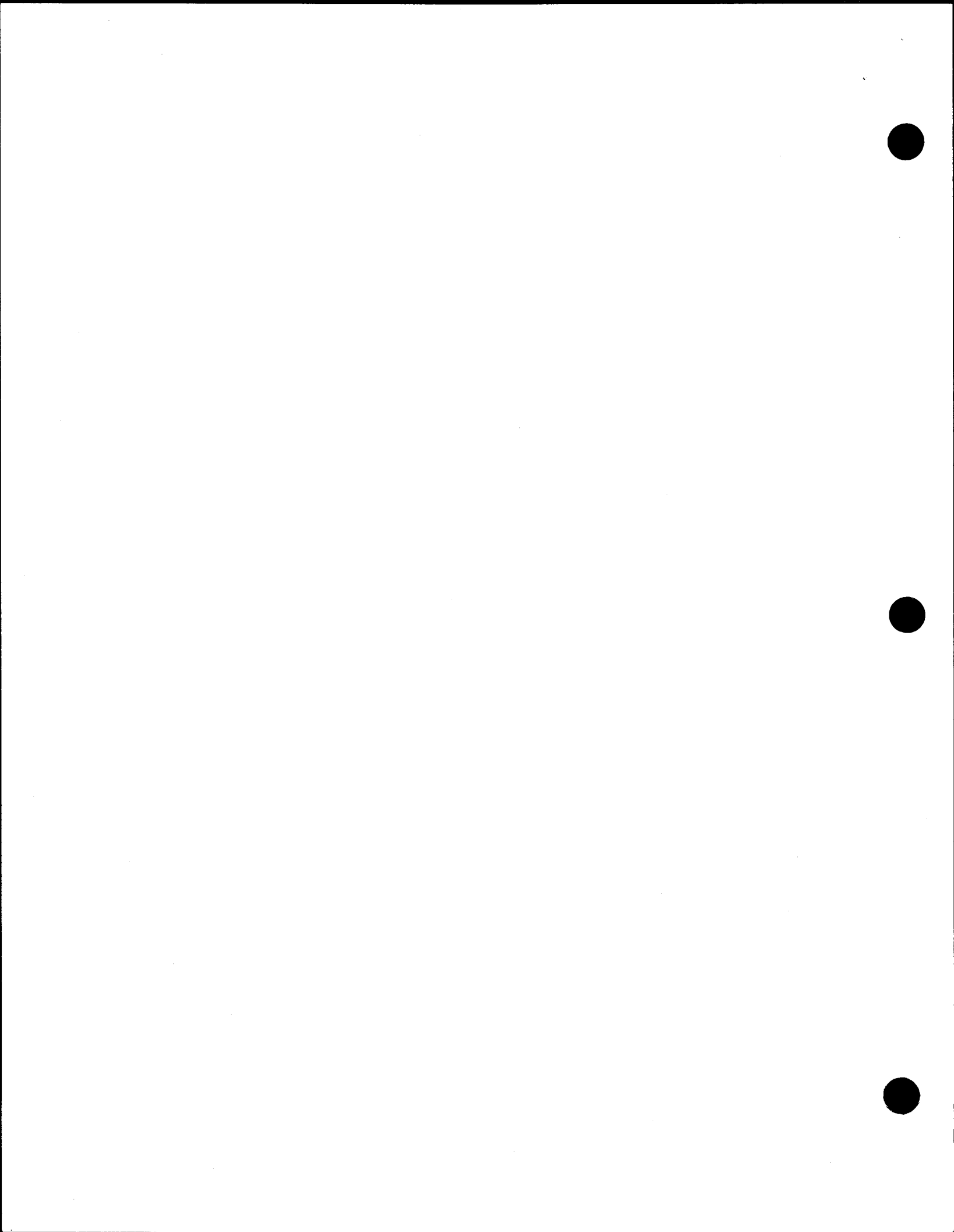
hereinafter referred to as the "Surety" are held and firmly bound to THE CITY OF NEW YORK,
hereinafter referred to as the "CITY", or to its successors and assigns in the penal sum of _____
ten percent of bid amount

(\$ _____), 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 _____
Project ID: GCHP24-02, PIN: 8502016SE0039C, Porous Pavement Pilot in the Hutchinson River CSO
Tributary Areas HP-024 & HP-023, Borough of the Bronx

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.

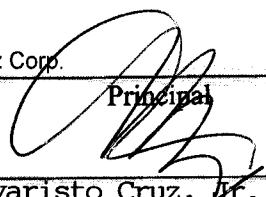
The surety, for the value received, hereby stipulates and agrees that the obligations of the Surety and its bond shall in no way be impaired or affected by any postponements of the date upon which the City will receive or open bids, or by any extensions of the time within which the City may accept the 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 10th day of May, 2017.

(Seal)

JRCruz Corp. _____ (L.S.)

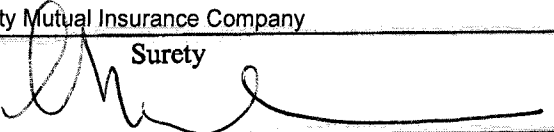
Principal

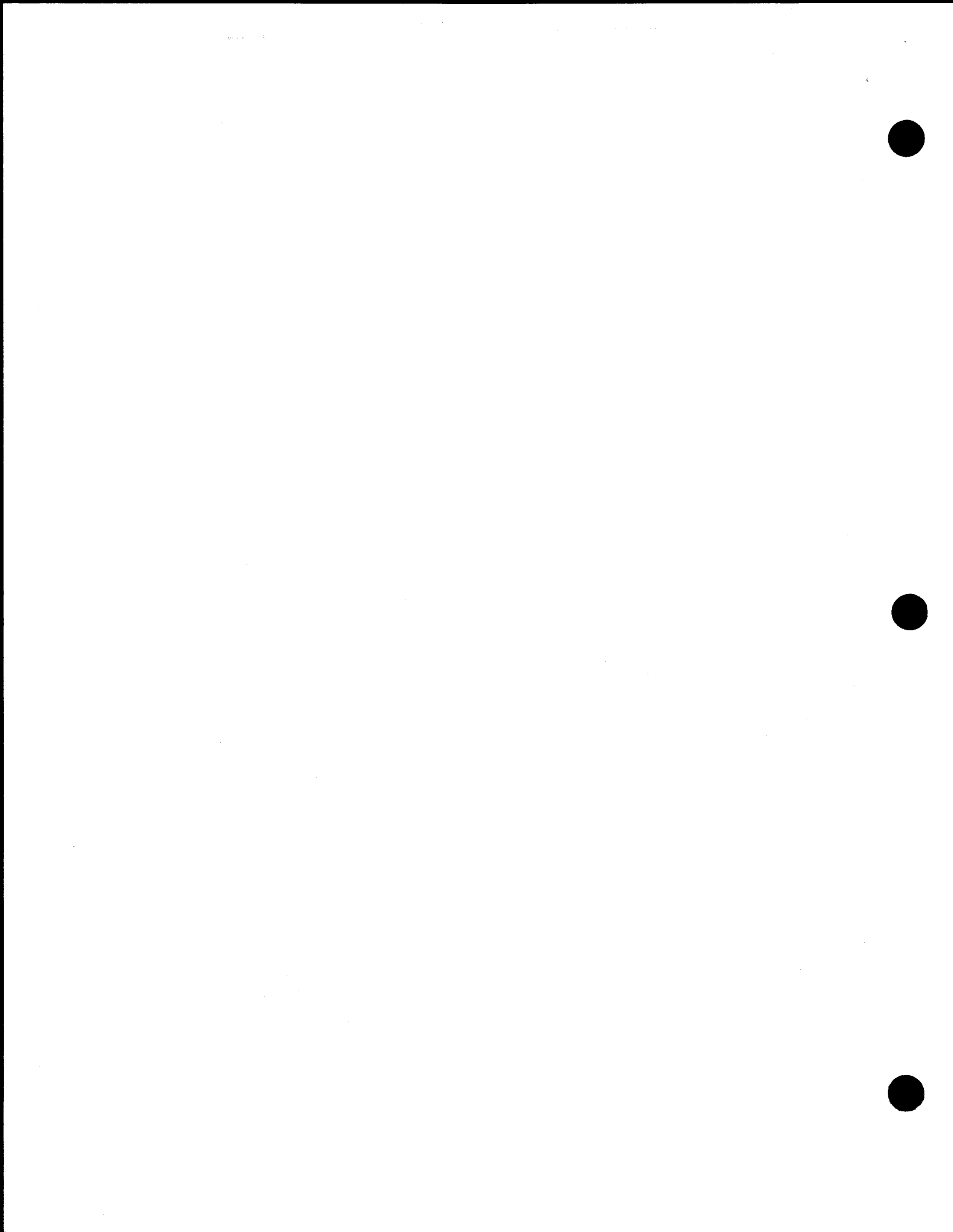
By:  _____
Evaristo Cruz, Jr., President

(Seal)

Liberty Mutual Insurance Company _____

Surety

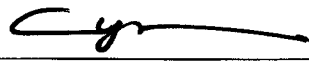
By:  _____
Lisa Nosal, Atty-in-fact



ACKNOWLEDGMENT OF PRINCIPAL, IF A CORPORATION

State of New Jersey County of Monmouth ss:
On this 10th day of May, 2017, before me personally came
Evaristo Cruz, Jr. to me known, who, being by me duly sworn, did depose and say
that he resides at 74 Hickory Lane, Lincroft, NJ 07738
that he is the President of JRCRUZ Corp.
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.

Cynthia Myers
Notary Public
State of New Jersey
Commission # 2303118
Commission expires 07-21-18



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)

ACKNOWLEDGEMENT OF SURETY

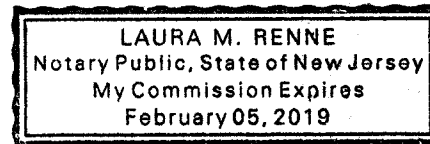
State of New Jersey]
 |-ss
County of Passaic]

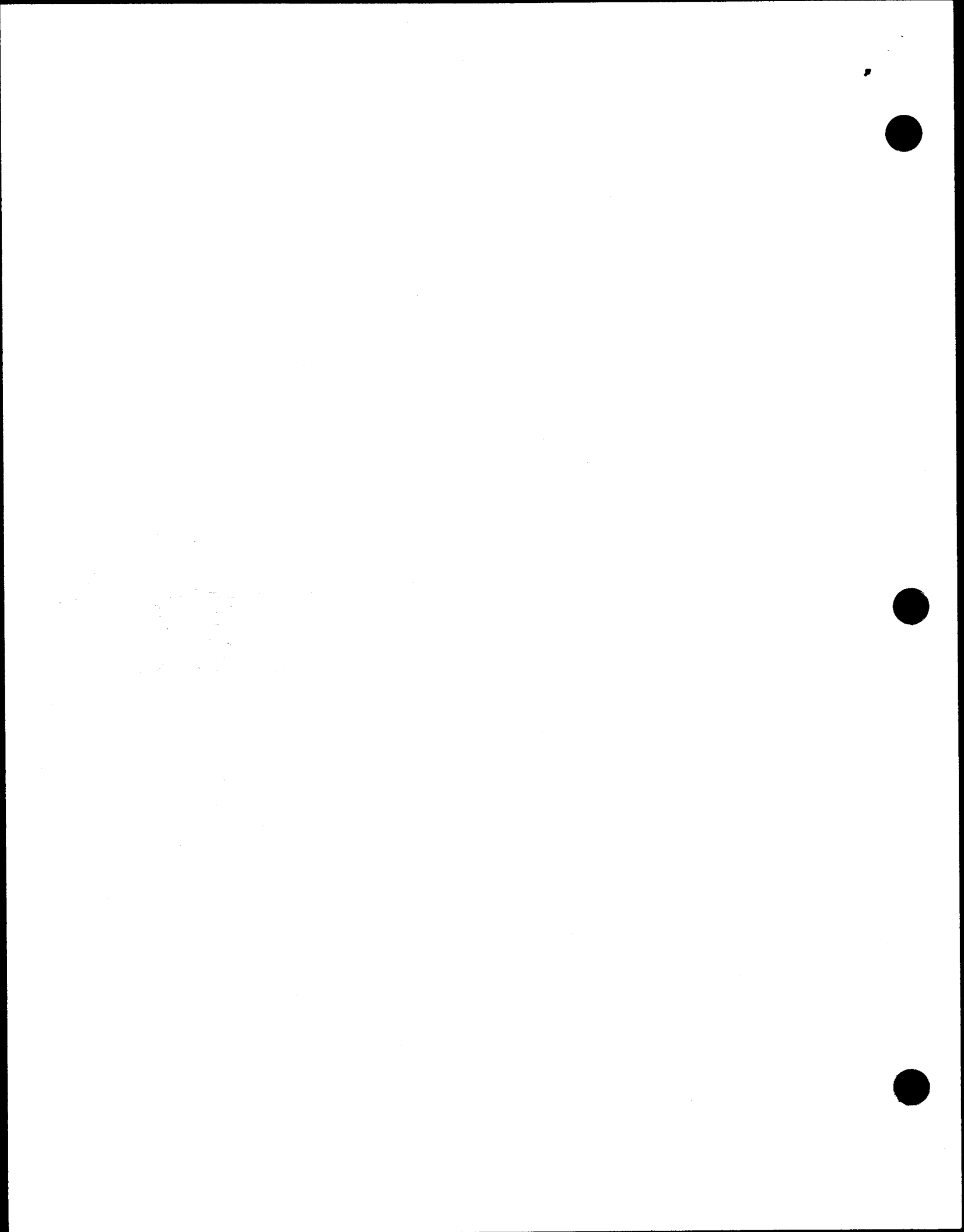
On 05/10/2017, before me personally came Lisa Nosal to me known, who, being by me duly sworn, did depose and say that she is an attorney-in-fact of Liberty Mutual Insurance Company the corporation described in and which executed the within instrument; that she knows the corporate seal of said corporation, and that the seal affixed to the within instrument is such corporate seal, and that she signed the 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.

My Commission expires:



Notary Public





THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON RED BACKGROUND.

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Certificate No. 7630120

Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company West American Insurance Company

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That The Ohio Casualty Insurance Company is a corporation duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Joseph W. Mallory; Lisa Nosal; Louis A. Vlahakes; Pamela J. Boyle; Robert E. Culnen

all of the city of Totowa, state of NJ each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 17th day of February, 2017.



The Ohio Casualty Insurance Company
Liberty Mutual Insurance Company
West American Insurance Company

By: *David M. Carey*
David M. Carey, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or equal value guarantees.

STATE OF PENNSYLVANIA ss
COUNTY OF MONTGOMERY

On this 17th day of February, 2017, before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of Liberty Mutual Insurance Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute 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 have hereunto subscribed my name and affixed my notarial seal at King of Prussia, Pennsylvania, on the day and year first above written.



COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Teresa Pastella, Notary Public
Upper Merion Twp., Montgomery County
My Commission Expires March 28, 2017
Member, Pennsylvania Association of Notaries

By: *Teresa Pastella*
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV - OFFICERS - Section 12. Power of Attorney. Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

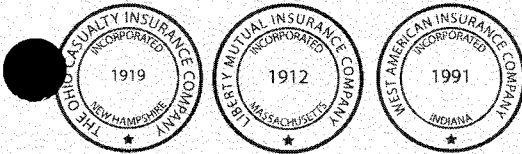
ARTICLE XIII - Execution of Contracts - SECTION 5. Surety Bonds and Undertakings. Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation - The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization - By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

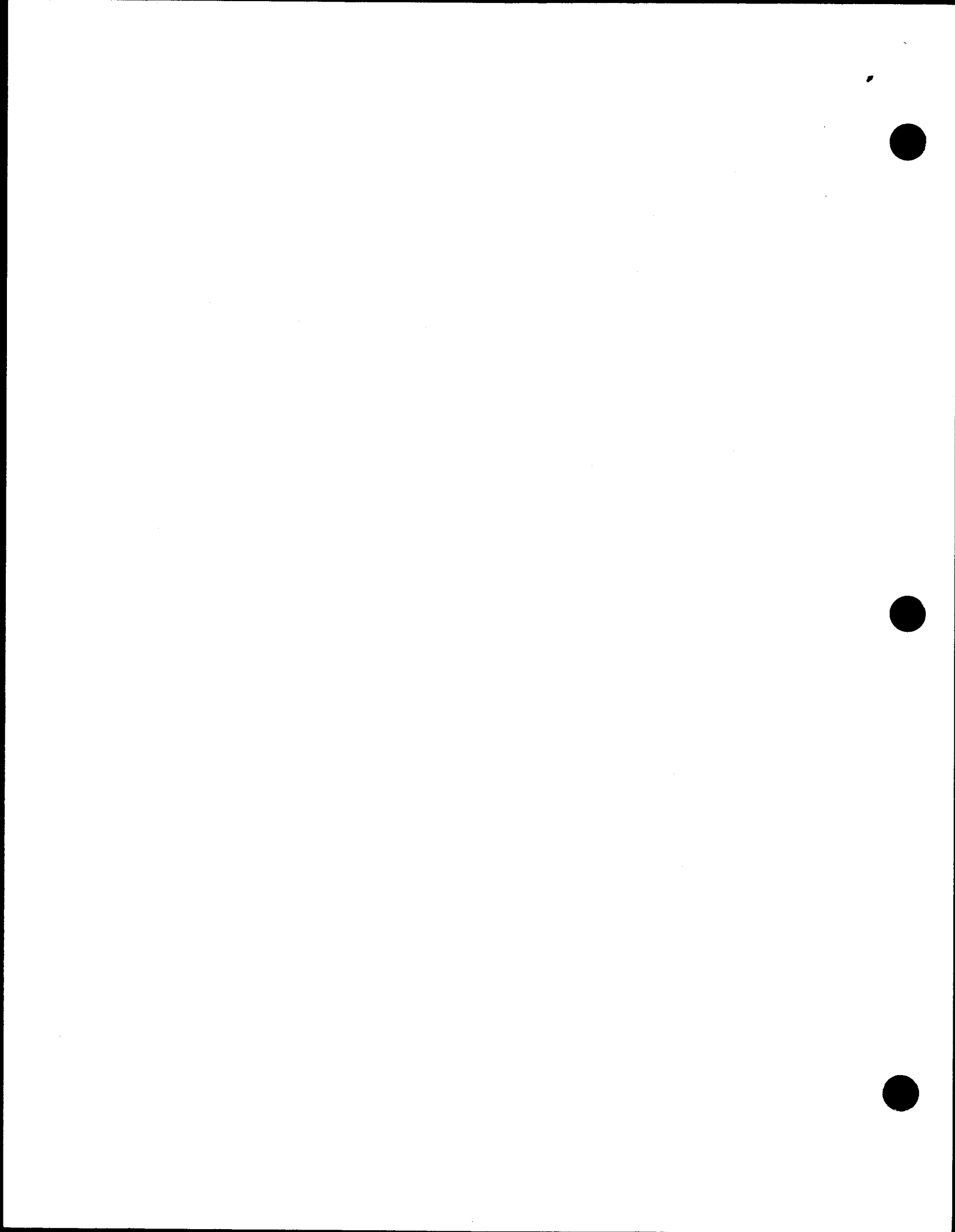
I, Renee C. Llewellyn, the undersigned, Assistant Secretary, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, 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 10th day of May, 2017.



By: *Renee C. Llewellyn*
Renee C. Llewellyn, Assistant Secretary

To confirm the validity of this Power of Attorney call 1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day.





LIBERTY MUTUAL INSURANCE COMPANY
FINANCIAL STATEMENT — DECEMBER 31, 2016

Assets		Liabilities	
Cash and Bank Deposits	\$1,092,914,837	Unearned Premiums	\$6,929,723,299
*Bonds — U.S Government	1,406,763,970	Reserve for Claims and Claims Expense	17,233,877,300
*Other Bonds	11,379,916,523	Funds Held Under Reinsurance Treaties	208,362,823
*Stocks	10,349,761,988	Reserve for Dividends to Policyholders	944,909
Real Estate	290,265,760	Additional Statutory Reserve	39,649,905
Agents' Balances or Uncollected Premiums	4,709,977,463	Reserve for Commissions, Taxes and	
Accrued Interest and Rents	112,757,395	Other Liabilities	3,061,117,958
Other Admitted Assets	<u>14,659,523,751</u>	Total	<u>\$27,473,676,194</u>
		Special Surplus Funds	\$95,257,334
		Capital Stock	10,000,000
		Paid in Surplus	9,229,250,104
		Unassigned Surplus	7,193,698,055
Total Admitted Assets	<u>\$44,001,881,687</u>	Surplus to Policyholders	<u>16,528,205,493</u>
		Total Liabilities and Surplus	<u>\$44,001,881,687</u>



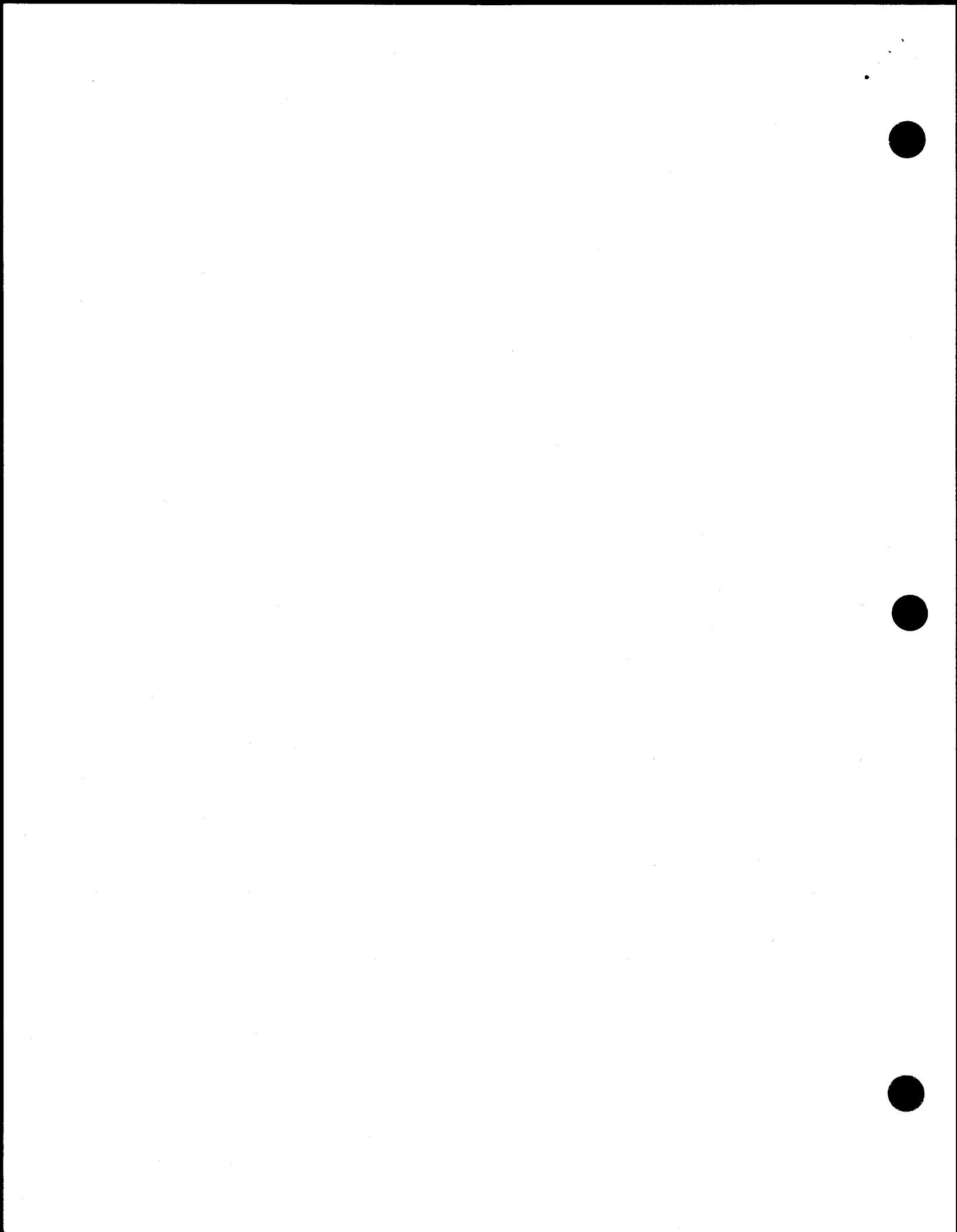
* Bonds are stated at amortized or investment value; Stocks at Association Market Values.
The foregoing financial information is taken from Liberty Mutual Insurance Company's financial statement filed with the state of Massachusetts Department of Insurance.

I, TIM MIKOLAJEWSKI, Assistant Secretary of Liberty Mutual Insurance Company, do hereby certify that the foregoing is a true, and correct statement of the Assets and Liabilities of said Corporation, as of December 31, 2016, to the best of my knowledge and belief.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of said Corporation at Seattle, Washington, this 23rd day of March, 2017.

TAMikolajewski

Assistant Secretary



ATTACH TO CONTRACT DOCUMENTS

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

PROJECT ID: GCHP24-02

POROUS PAVEMENT PILOT IN THE HUTCHINSON RIVER CSO
TRIBUTARY AREAS HP-024 & HP-023

Together With All Work Incidental Thereto
BOROUGH OF THE BRONX
CITY OF NEW YORK

ADDENDUM NO. 1

DATED: May 3, 2017

THIS ADDENDUM IS HEREBY MADE A PART OF THE CONTRACT DOCUMENTS

1. Refer to the Bid and Contract Documents, VOLUME 3 OF 3, S-Pages;
Delete S-Pages in its entirety;
Insert attached S-Pages.
2. For additional information, see the attached one (1) page of "Questions Submitted by Bidders and DDC's Responses".

END OF ADDENDUM NO. 1

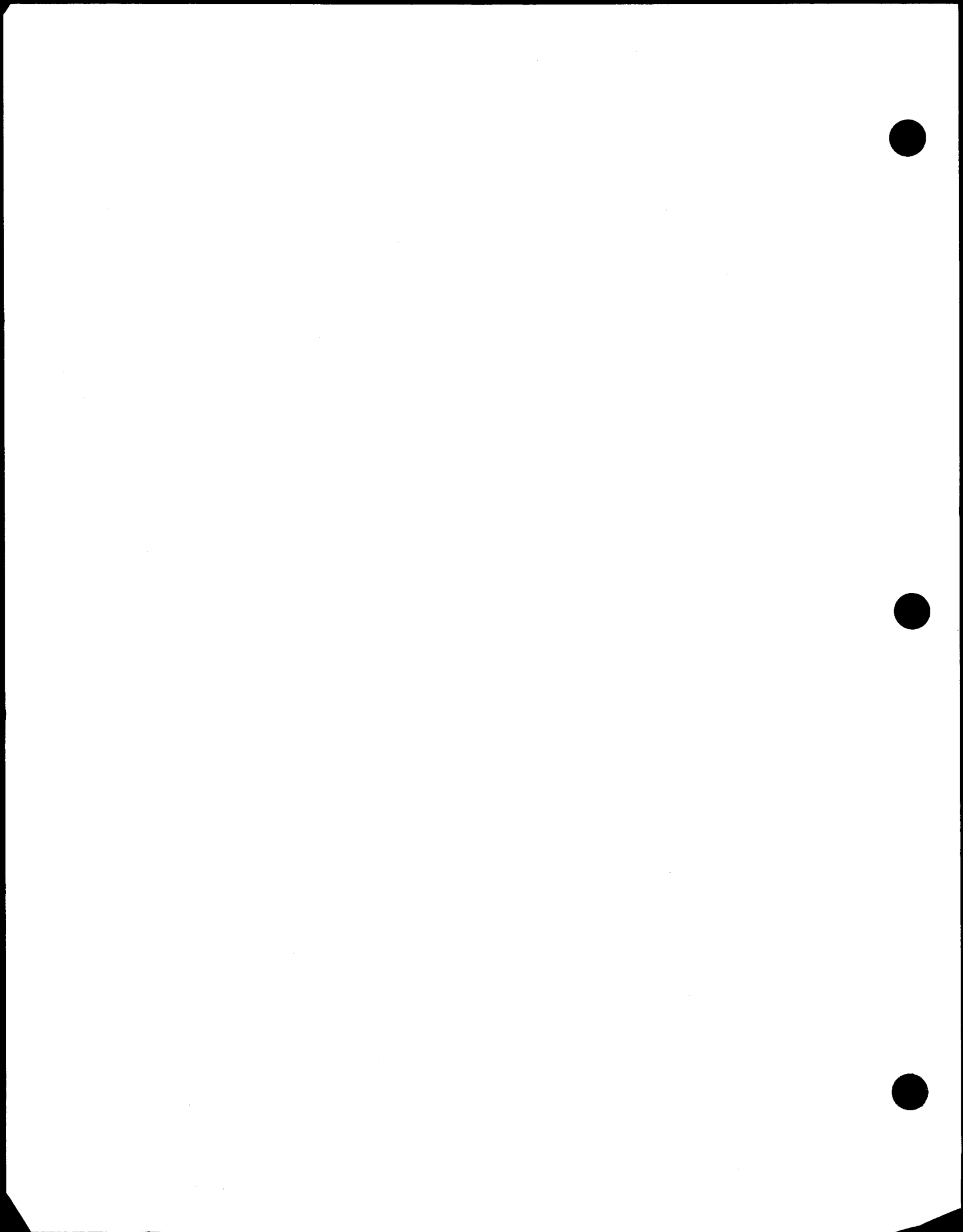
By signing in the space provided below, the bidder acknowledges receipt of this Addendum consisting of ONE (1) page, and NINETEEN (19) pages Attachment.

THIS ADDENDUM MUST BE SIGNED BY ALL BIDDERS AND ATTACHED TO THEIR BID

SRCAV Corp
Name of Bidder

By: [Signature]

Mohten Zargarelahi
MOHSEN ZARGARELAHI, P.E.
Assistant Commissioner



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 # 85017B0010 FMS Project ID#: GCHP24-02
 Project Title/ Agency PIN # POROUS PAVEMENT PILOT / 8502016SE0039C
 Bid/Proposal Response Date MAY 10, 2017
 Contracting Agency Department of Design and Construction
 Agency Address 30-30 Thomson Ave. City Long Island City State NY Zip Code 11101
 Contact Person Emmanuel Charles Title M/WBE Compliance Analyst
 Telephone # (718) 391-1450 Email charlesem@ddc.nyc.gov

Project Description (attach additional pages if necessary)

**POROUS PAVEMENT PILOT IN THE HUTCHINSON RIVER
 CSO TRIBUTARY AREA HP-024 & HP-023**

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

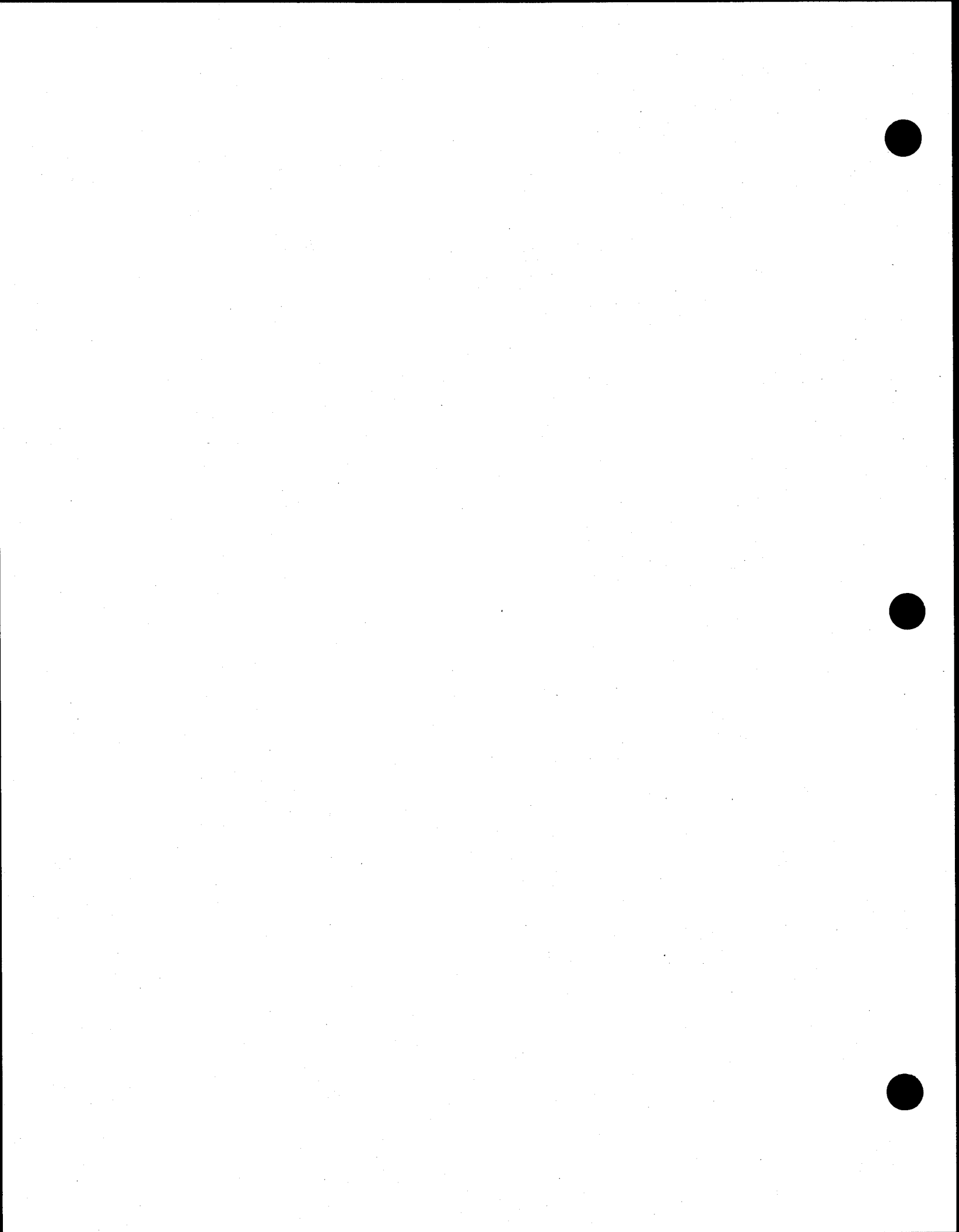
M/WBE Participation Goals for Services

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
Unspecified	5%
or	
Black American	UNSPECIFIED
Hispanic American	UNSPECIFIED
Asian American	UNSPECIFIED
Women	UNSPECIFIED
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.*



Tax ID #: 22-3373796

APT E-
PIN #:

85017B0010

SCHEDULE B - Part II: MWBE Participation Plan

Part II to be completed by the bidder/proposer.

Please note: For Non-MWBE 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 #	22-3373796	FMS Vendor ID #	0002175332
Business Name	JRCRUZ Corp.	Contact Person	Evaristo Cruz, Jr.
Address	675 Line Road, Aberdeen, NJ 07747		
Telephone #	732/290-8960	Email	engineering@jrcruz.com

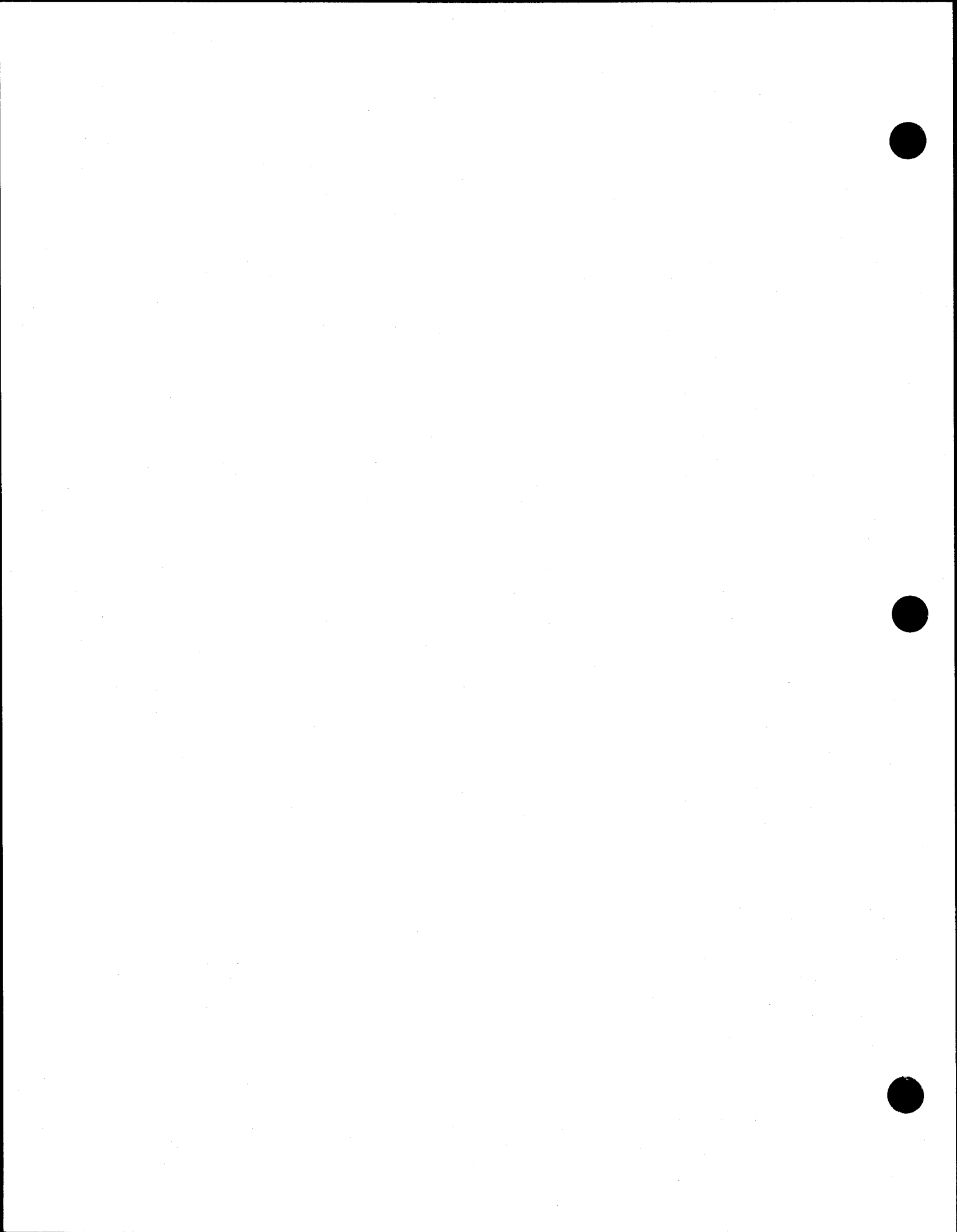
Section II: MWBE Utilization Goal Calculation: Check the applicable box and complete subsection.

PRIME CONTRACTOR ADOPTING AGENCY MWBE PARTICIPATION GOALS

<input checked="" type="checkbox"/> For Prime Contractors (including Qualified Joint Ventures and MWBE firms) adopting Agency MWBE Participation Goals.	Total Bid/Proposal Value	Agency Total Participation Goals (Line 1, Page 13)	Calculated MWBE Participation Amount
Calculate the total dollar value of your total bid that you agree will be awarded to MWBE subcontractors for services and/or credited to an MWBE prime contractor or Qualified Joint Venture. Please review the Notice to Prospective Contractors for more information on how to obtain credit for MWBE participation.	2,977,369. ²⁵	5%	148,868. ⁴⁶
	\$	X	= \$ Line 2

PRIME CONTRACTOR OBTAINED PARTIAL WAIVER APPROVAL: ADOPTING MODIFIED MWBE PARTICIPATION GOALS

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



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

As an MWBE Prime Contractor that will self-perform and/or subcontract to other MWBE 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-MWBE firms will not be credited towards fulfillment of MWBE Participation Goals. Please check all that apply to Prime Contractor:

MBE WBE

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

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

Section IV: General Contract Information

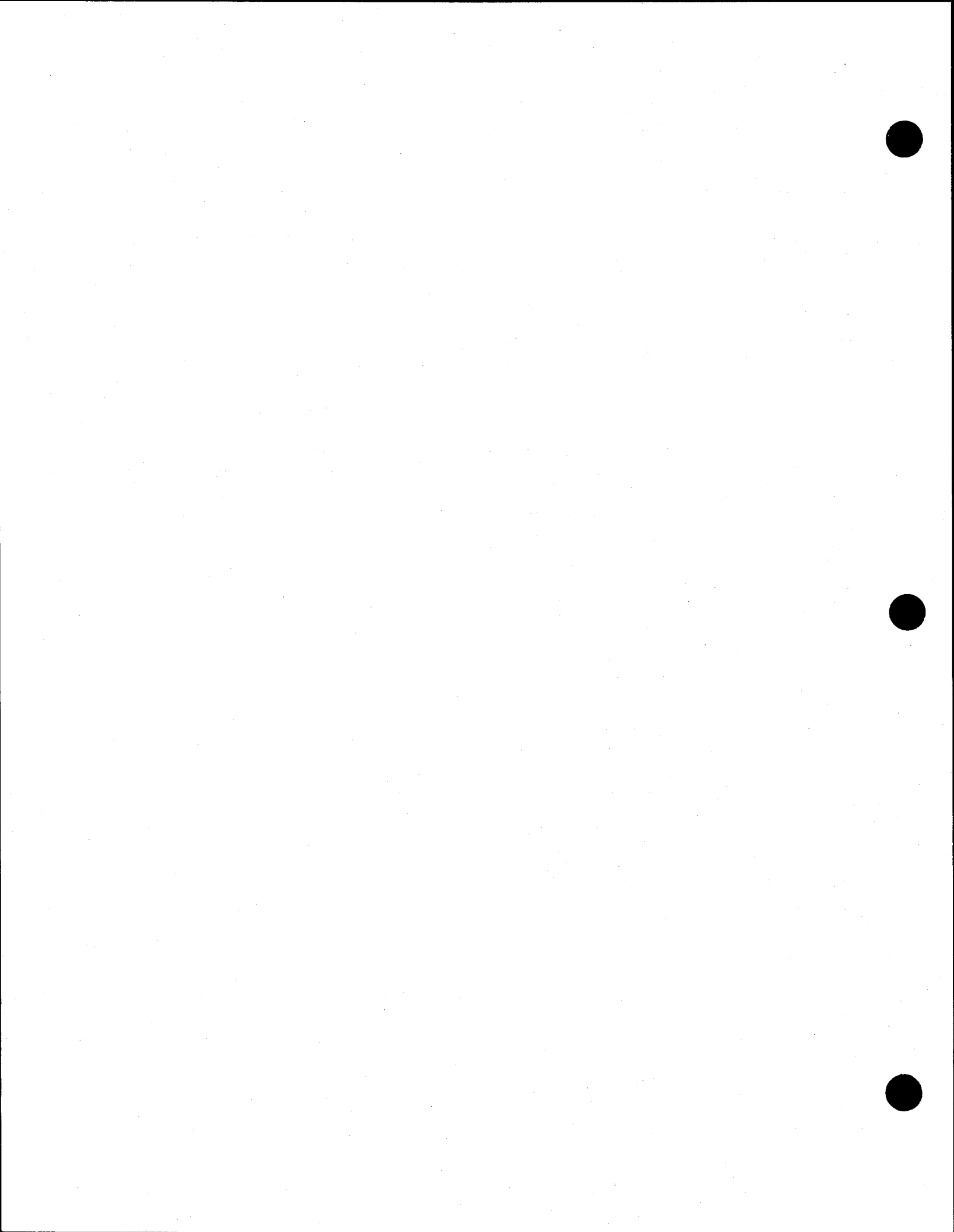
What is the expected percentage of the total contract dollar value that you expect to award in subcontracts for services, regardless of MWBE status? % 5

Enter brief description of the type(s) and dollar value of subcontracts for all any 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. MBE - Trussing & 148,868.46 - Entire Project

- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.
- 11.
- 12.
- 13.
- 14.
- 15.
- 16.
- 17.

Scopes of Subcontract Work

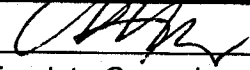


Section V: Vendor Certification and Required Affirmations

I hereby:

- 1) acknowledge my understanding of the M/WBE participation requirements as set forth herein and the pertinent provisions of Section 6-129 of the Administrative Code of the City of New York ("Section 6-129"), and the rules promulgated thereunder;
- 2) affirm that the information supplied in support of this 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.

Signature



Date

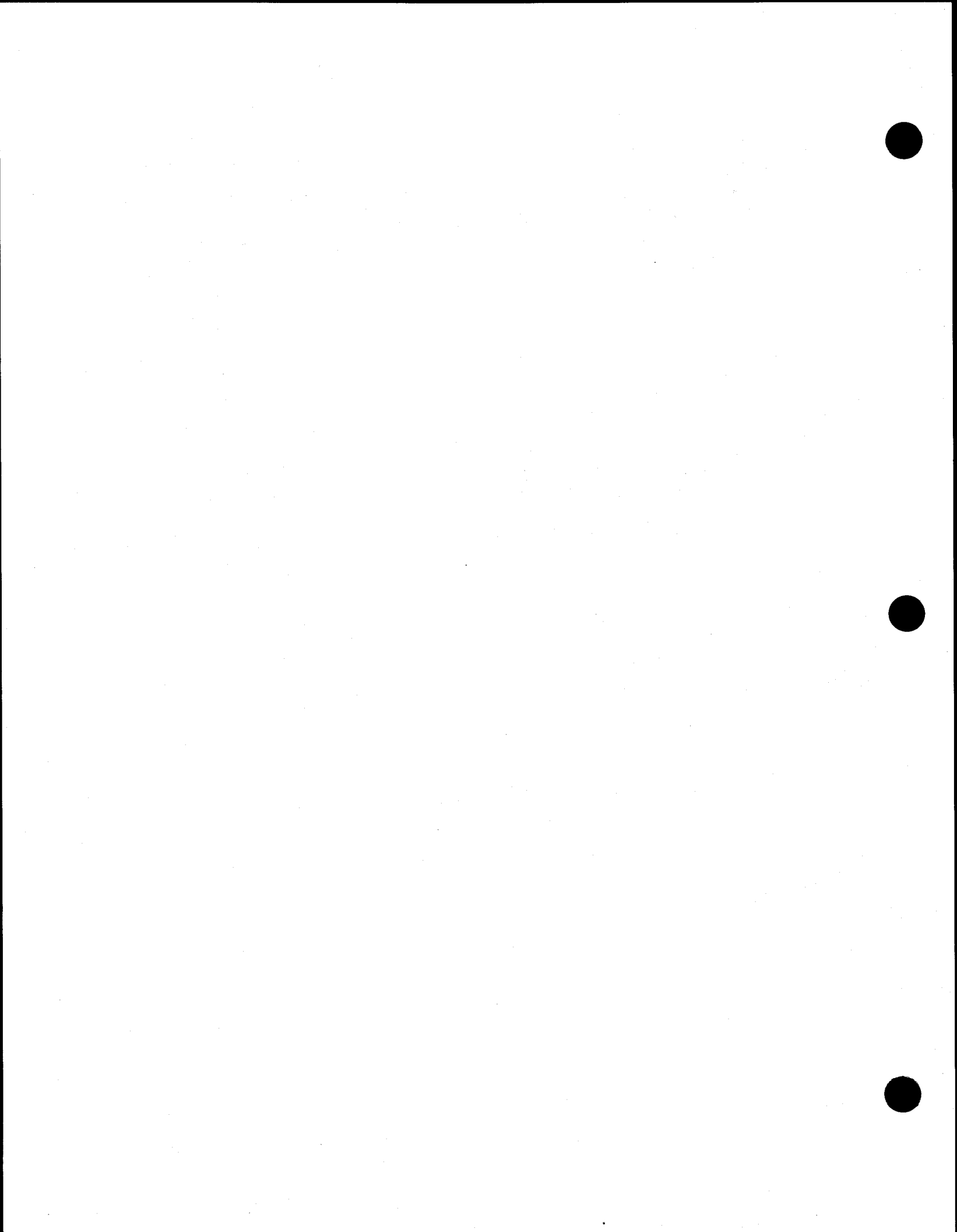
May 10, 2017

Print Name

Evaristo Cruz, Jr.

Title

President



SCHEDULE B – PART III – REQUEST FOR WAIVER OF M/WBE PARTICIPATION REQUIREMENT

Contract Overview

Tax ID # _____ FMS Vendor ID # _____
 Business Name _____
 Contact Name _____ Telephone # _____ Email _____
 Type of Procurement Competitive Sealed Bids Other Bid/Response Due Date _____
 APT E-PIN # (for this procurement): _____ Contracting Agency: _____

M/WBE Participation Goals as described in bid/solicitation documents

_____ % Agency M/WBE Participation Goal

Proposed M/WBE Participation Goal as anticipated by vendor seeking waiver

_____ % of the total contract value anticipated in good faith by the bidder/proposer to be subcontracted for services and/or credited to an M/WBE Prime Contractor or Qualified Joint Venture.

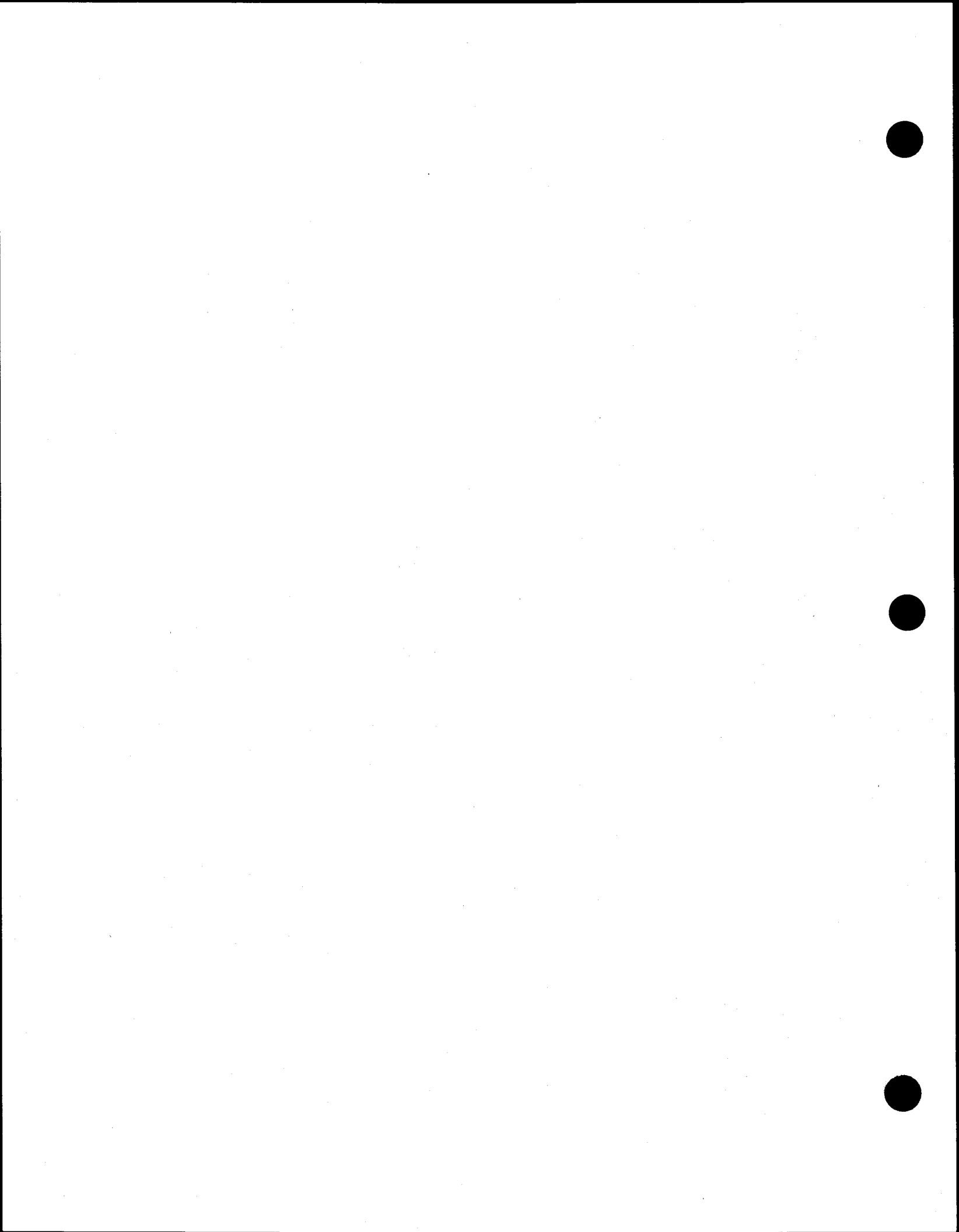
Basis for Waiver Request: Check appropriate box & explain in detail below (attach additional pages if needed)

- Vendor does not subcontract services, and has the capacity and good faith intention to perform all such work itself with its own employees.
- Vendor subcontracts some of this type of work but at a lower % than bid/solicitation describes, and has the capacity and good faith intention to do so on this contract. (Attach subcontracting plan outlining services that the vendor will self-perform and subcontract to other vendors or consultants.)
- Vendor has other legitimate business reasons for proposing the M/WBE Participation Goal above. Explain under separate cover.

References

List 3 most recent contracts performed for NYC agencies (if any). Include information for each subcontract awarded in performance of such contracts. Add more pages if necessary.

CONTRACT NO.	AGENCY	DATE COMPLETED
Total Contract Amount \$ _____	Total Amount Subcontracted \$ _____	
Item of Work Subcontracted and Value of subcontract _____	Item of Work Subcontracted and Value of subcontract _____	Item of Work Subcontracted and Value of subcontract _____
CONTRACT NO.	AGENCY	DATE COMPLETED
Total Contract Amount \$ _____	Total Amount Subcontracted \$ _____	
Item of Work Subcontracted and Value of subcontract _____	Item of Work Subcontracted and Value of subcontract _____	Item of Work Subcontracted and Value of subcontract _____
CONTRACT NO.	AGENCY	DATE COMPLETED
Total Contract Amount \$ _____	Total Amount Subcontracted \$ _____	
Item of Work Subcontracted and Value of subcontract _____	Item of Work Subcontracted and Value of subcontract _____	Item of Work Subcontracted and Value of subcontract _____



List 3 most recent contracts performed for other entities. Include information for each subcontract awarded in performance of such contracts. Add more pages if necessary.

(Complete ONLY if vendor has performed fewer than 3 New York City contracts.)

TYPE OF Contract	ENTITY	DATE COMPLETED
Manager at entity that hired vendor (Name/Phone No./Email)		
Total Contract Amount \$	Total Amount Subcontracted \$	
Type of Work Subcontracted		

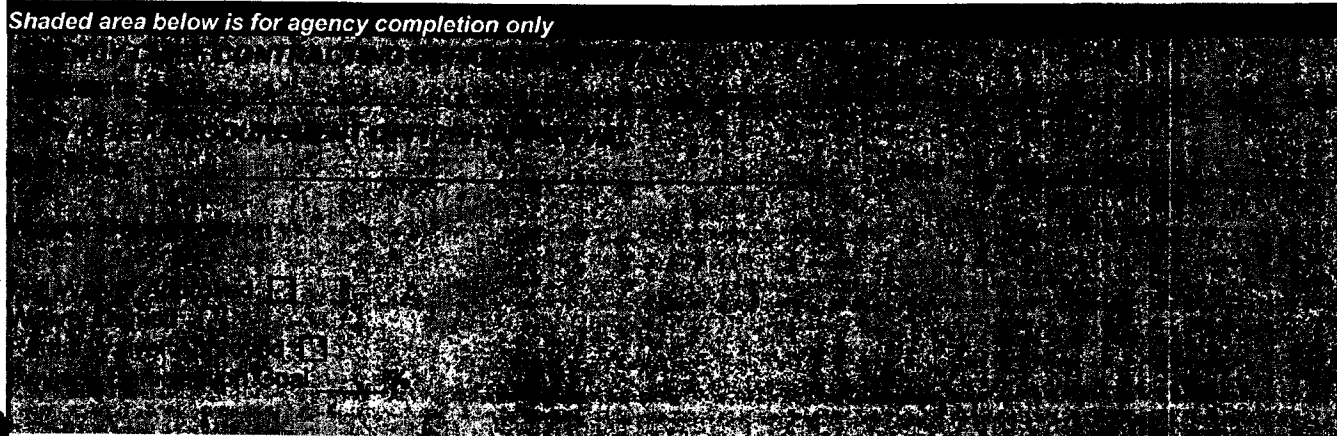
TYPE OF Contract	AGENCY/ENTITY	DATE COMPLETED
Manager at agency/entity that hired vendor (Name/Phone No./Email)		
Total Contract Amount \$	Total Amount Subcontracted \$	
Item of Work Subcontracted and Value of subcontract	Item of Work Subcontracted and Value of subcontract	Item of Work Subcontracted and Value of subcontract

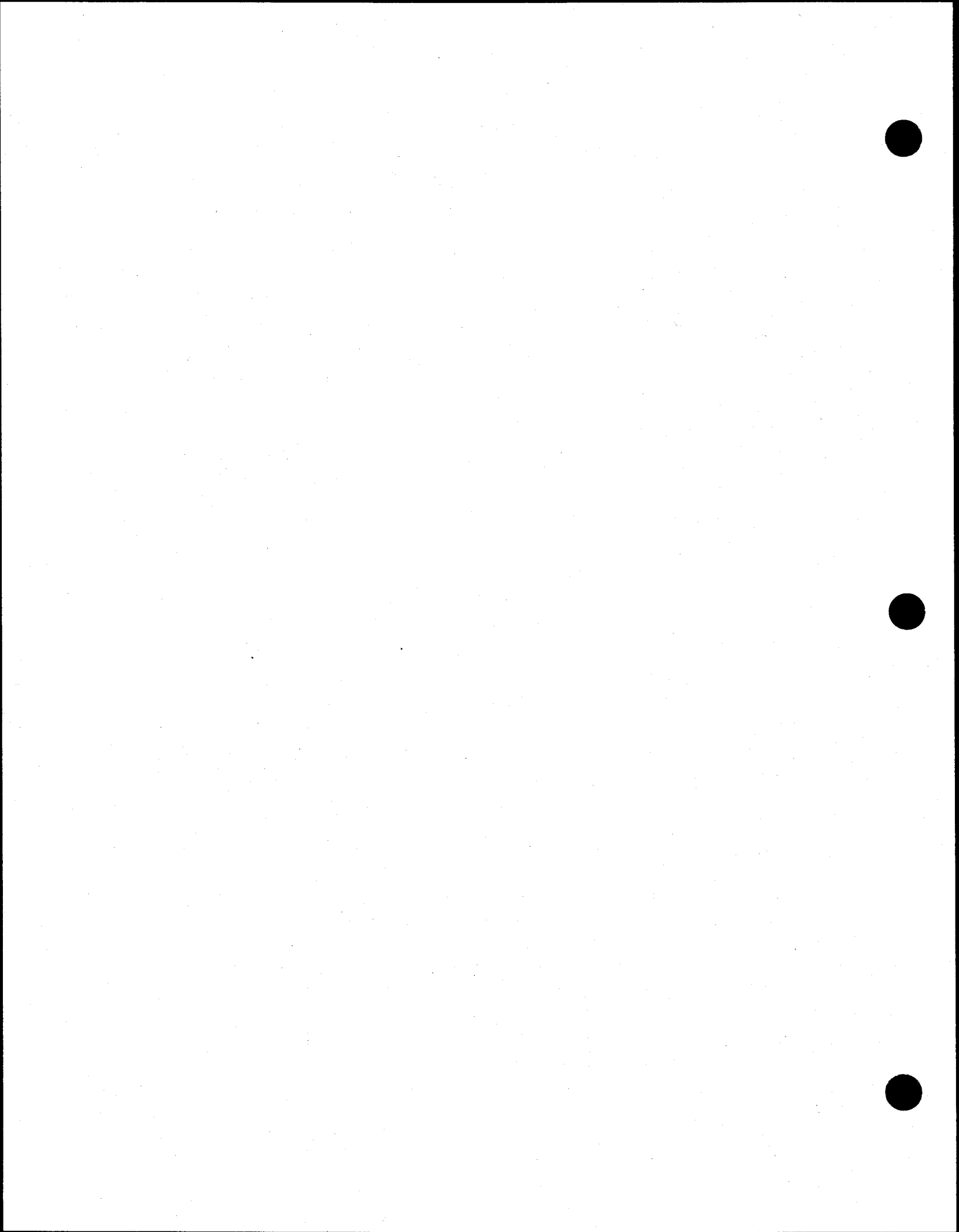
TYPE OF Contract	AGENCY/ENTITY	DATE COMPLETED
Manager at entity that hired vendor (Name/Phone No./Email)		
Total Contract Amount \$	Total Amount Subcontracted \$	
Item of Work Subcontracted and Value of subcontract	Item of Work Subcontracted and Value of subcontract	Item of Work Subcontracted and Value of subcontract

VENDOR CERTIFICATION: I hereby affirm that the information supplied in support of this waiver request is true and correct, and that this request is made in good faith.

Signature: _____ Date: _____
 Print Name: _____ Title: _____

Shaded area below is for agency completion only





Notices to Bidders

Pre-Bid Questions (PBQs)

Please be advised that PBQs should be submitted to the Agency Contact Person (CSB_projectinquiries@ddc.nyc.gov) at least five (5) business days (by 5:00 PM EST) prior to the bid opening date as indicated in ATTACHMENT 1 - BID INFORMATION, page A-1 and SCHEDULE B, page 13, VOLUME 1 OF 3 of this BID BOOKLET.

All PBQs must reference the Project ID. If a Bidder has multiple PBQs for the same Project ID, the PBQs must be numbered sequentially, even if they are submitted separately.

Apprenticeship Program

If Apprenticeship Program is required as noted on Page 19 of this BID BOOKLET, the following notice applies:

Please be advised that, pursuant to the authority granted to the City under Labor Law §816-b, the New York City Department of Design and Construction hereby requires that the contractor awarded a contract as a result of this solicitation, and any of its subcontractors with subcontracts worth two million dollars or over, have, prior to entering into such contract or subcontract, apprenticeship agreements appropriate for the type and scope of work to be performed that have been registered with, and approved by, the New York State Commissioner of Labor. In addition, the contractor and its subcontractors will be required to show that such apprenticeship program/s have successfully passed the two year Probation period following the initial registration date of such program/s with the New York State Department of Labor.

The failure to prove, upon request, that these requirements have been met shall result in the contract not being awarded to the contractor or the subcontractor not being approved.

Please be further advised that, pursuant to Labor Law §220, the allowable ratio of apprentices to journeypersons in any craft classification shall not be greater than the ratio permitted to the contractor as to its workforce on any job under the registered apprenticeship program.

Notices to Bidders

NYC Construction Loan Pilot Program

The New York City Department of Small Business Services (SBS), in conjunction with the New York Business Development Corporation (NYBDC), have established a **NYC Construction Loan** pilot program to provide prime contractors and subcontractors financing for mobilization costs on certain City construction projects.

Under this initiative, loans are available for early stage mobilization needs such as insurance, labor, supplies and equipment. Bidders are strongly encouraged to visit "Growing Your Business" at www.nyc.gov/nycbusiness to learn more about the loan or contact constructionloan@sbs.nyc.gov / (212) 513-6444 to obtain details and to determine preliminary eligibility.

A successful loan applicant will be required to make an assignment of its contract (or subcontract) payments to the lender NYBDC until the loan is repaid. If the loan is to a subcontractor, a prime contractor must honor the terms of such an assignment.

A prime contractor may not discriminate against a subcontractor or potential subcontractor by reason of the subcontractor's participation, or nonparticipation, in the NYC Construction loan program.

CITY OF NEW YORK

**DEPARTMENT OF
DESIGN AND CONSTRUCTION
DIVISION OF INFRASTRUCTURE**

BID BOOKLET

FOR FURNISHING ALL LABOR AND MATERIALS
NECESSARY AND REQUIRED FOR:

PROJECT ID: GCHP24-02

**POROUS PAVEMENT PILOT IN THE HUTCHINSON RIVER CSO
TRIBUTARY AREAS HP-024 & HP-023**

Together With All Work Incidental Thereto

**BOROUGH OF THE BRONX
CITY OF NEW YORK**

(NO TEXT ON THIS PAGE)

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

BID BOOKLET

TABLE OF CONTENTS

SECTION	PAGE
PART A	
1. Table of Contents.....	1
2. Special Notice to Bidders.....	2
3. Attachment 1 – Bid Information.....	A-1
4. Bid Schedule.....	B-1
5. Bid Form.....	C-1
6. Affirmation.....	C-6
7. Bid Bond	C-7
8. M/WBE Program: M/WBE Utilization Plan.....	5
9. Apprenticeship Program Requirements	19
PART B	
10. Safety Questionnaire	22
11. Pre-award Process.....	25
12. Project Reference Form.....	27
13. Contract Certificate.....	30
14. Vendex Compliance.....	31
15. Iran Divestment Act Compliance Rider	32
16. Construction Employment Report.....	34

(NO TEXT ON THIS PAGE)

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

SPECIAL NOTICE TO BIDDERS

BID SUBMISSION REQUIREMENTS

THE FOLLOWING DOCUMENTS ARE TO BE COMPLETED AND SUBMITTED WITH THE BID:

1. Bid Schedule and Bid Form, including Affirmation
2. Bid Security (if required, see Attachment 1 on Page A-1)
3. Schedule B: M/WBE Utilization Plan (if participation goals have been established)

**FAILURE TO SUBMIT ITEMS (1), (2) AND (3)
WILL RESULT IN THE DISQUALIFICATION OF THE BID.**

4. Safety Questionnaire
5. Construction Employment Report (if bid is \$1,000,000 or more)
6. Contract Certificate (if bid is less than \$1,000,000)
7. Confirmation of Vendex Compliance
8. Bidder's Certification of Compliance with Iran Divestment Act
9. Special Experience Requirements (if applicable)
10. Apprenticeship Program Questionnaire (if applicable)
11. Any addenda issued prior to the receipt of bids

**FAILURE TO SUBMIT ITEMS (4) THROUGH (11)
MAY RESULT IN THE DISQUALIFICATION OF THE BID.**

- NOTES:
- (1) All of the above referred to blank forms to be completed and submitted with the bid are included in the BID BOOKLET.
 - (2) If the bidder has any questions or requires additional information, please contact the Department of Design and Construction by phone (718-391- 2601) or by fax (718-391-2615).
 - (3) VENDEX QUESTIONNAIRES: The Bidder is advised that Vendex Questionnaires and procedures have been changed. Vendex Questionnaires, as well as detailed instructions, may be obtained at www.nyc.gov/vendex. The bidder may also obtain Vendex forms and instructions by contacting the Agency Chief Contracting Officer or the contact person for this contract.
 - (4) SPECIAL EXPERIENCE REQUIREMENTS: The Bidder is advised that Special Experience Requirements may apply to this contract. Such requirements are set forth on pages 3, 3a, 3b, and 4 of this Bid Booklet.

SPECIAL NOTICE TO BIDDERS

SPECIAL EXPERIENCE REQUIREMENTS (Revised 03/2014)

- (A) **SPECIAL EXPERIENCE REQUIREMENTS FOR THE BIDDER:** The Special Experience Requirements set forth below apply to the bidder. Compliance with such Special Experience Requirements will be determined solely by the City prior to an award of contract. Failure to comply with the Special Experience Requirements will result in rejection of the bid as non-responsive.

The requirements in this Section (A) apply to this contract where indicated by a blackened box (■).

- The bidder must, within the last seven (7) consecutive years prior to the bid opening, have successfully completed in a timely fashion at least one (1) project similar in scope and type to the required work. Such prior project may have been performed as a prime contractor, subcontractor or sub-subcontractor.

The Special Experience Requirements next to the blackened box below apply to the bidder. If the bidder intends to perform such work itself, it must demonstrate compliance with the Special Experience Requirements. If the bidder intends to subcontract this work, the proposed subcontractor or sub-subcontractor must demonstrate compliance with the Special Experience Requirements. The contractor, subcontractor or sub-subcontractor (hereinafter referred to as the "entity") that will perform any specific area of work indicated by the blackened box below, may have performed the required prior project(s) as a prime contractor, subcontractor or sub-subcontractor. Once approved, no substitution will be permitted, unless the qualifications of the proposed replacement have been approved in writing in advance by the City.

- Trunk Water Main Work:** The entity that will perform the trunk water main work must, within the last seven (7) consecutive years prior to the bid opening, have successfully completed in a timely fashion at least one (1) project similar in scope and type to the required work.
- Best Management Practice Work:** Best Management Practice ("BMP") Work is any item of work in the Bid Schedule that begins with the prefix "BMP". The entity that will perform any BMP Work must, within the last five (5) consecutive years prior to the bid opening, have successfully completed in a timely fashion at least three (3) projects similar in scope and type to the required work.

For professional services in connection with BMP Work, (i.e., monitoring and reporting services), the individual who will perform the required services must, within the last five (5) consecutive years prior to the bid opening, have successfully completed in a timely fashion at least three (3) projects similar in scope and type to the required work. Additional requirements are set forth below.

- The individual serving as the Restoration Specialist (Construction Monitor) must be a Registered Landscape Architect licensed by the state of New York, or must have equivalent professional experience.
- The individual serving as the Erosion and Sediment Control Licensed/Certified Professional must be a Certified Professional in Erosion and Sediment Control (CPESC), certified by CPESC, Inc.
- Micro-Tunneling/Pipe Jacking Work:** The entity that will perform the micro-tunneling/pipe jacking work must, within the last five (5) consecutive years prior to the bid opening, have successfully completed in a timely fashion at least two (2) projects similar in scope and type to the required work.
- OTHER:** _____

(B) SPECIAL EXPERIENCE REQUIREMENTS FOR SPECIFIC AREAS OF WORK (to be provided after an award of contract):

The requirements in this Section (B) apply to this contract where indicated by a blackened box (■).

The Special Experience Requirements set forth below apply to the contractor, subcontractor or sub-subcontractor that will perform the specific area of work. **Compliance with such Special Experience Requirements will be determined solely by the City after an award of contract.** After an award of contract, when requested by the City, the contractor will be required to submit the qualifications of the contractor, subcontractor or sub-subcontractor that will perform the specific area of work. If the bidder intends to perform such work itself, it must demonstrate compliance with the Special Experience Requirements. If the bidder intends to subcontract this work, the proposed subcontractor or sub-subcontractor must demonstrate compliance with the Special Experience Requirements. Once approved, no substitution will be permitted, unless the qualifications of the proposed replacement have been approved in writing in advance by the City.

Special Experience Requirements apply to the contractor, subcontractor or sub-subcontractor (hereinafter referred to as the "entity") that will perform any specific area of work indicated by a blackened box. The entity may have performed the required prior project(s) as a prime contractor, subcontractor or sub-subcontractor.

Hazmat Work: Hazmat Work is any item of work in the Bid Schedule that begins with the prefix 8.01. The entity that will perform any Hazmat Work must, within the last three (3) consecutive years prior to the bid opening, have successfully completed in a timely fashion at least five (5) projects similar in scope and type to the required work.

Pile, CFA Pile, and/or Mini-Pile Work: The entity that will perform the Pile, CFA Pile and/or Mini-Pile Work must, within the last three (3) consecutive years prior to the bid opening, have successfully completed in a timely fashion at least two (2) projects similar in scope and type to the required work.

For professional services in connection with Pile Work, (i.e., engineering and inspection services), the individual who will perform the required services must be a Professional Engineer licensed by the state of New York. Such individual must also comply with the above requirements for prior projects.

Construction Report, Monitoring And Post-Construction Report, and Continuous Real-Time Monitoring For Vibrations And Movements And Post-Construction Report Work: The entity that will perform the Construction Report, Monitoring For Vibrations And Movements, and Post-Construction Report Work must, within the last three (3) consecutive years prior to the bid opening, have successfully completed in a timely fashion at least two (2) projects similar in scope and type to the required work.

For professional services in connection with Reporting and Monitoring Work, (i.e., engineering and inspection services), the individual who will perform the required services must be a Professional Engineer licensed by the state of New York. Such individual must also comply with the above requirements for prior projects.

■ **OTHER: Installation Of Precast Permeable Concrete Pavers / Mats System And Precast Porous Concrete Panels:** The entity or entities that will perform this work must have documented experience with the successful installation of permeable concrete paver mats and panels similar in complexity of this project at least one project in seven years.

(C) **SPECIFICATIONS:** In the event of any conflict, omission or inconsistency between (1) the Specifications and/or Contract Drawings, and (2) the Special Experience Requirements in Section (B) of the Special Notice To Bidders, the special experience listed in the Specifications and/or Contract Drawings shall be controlling. The Special Experience Requirements in Section (B) of this Special Notice To Bidders are only for the convenience of the bidders.

(D) **SUBMISSION REQUIREMENTS:** For each project submitted to demonstrate compliance with the Special Experience Requirements, the bidder must complete and submit the Qualification Form included in the Bid Booklet. The City will only evaluate a project if the following criteria are met: (1) the project is described on the Qualification Form, and (2) all information on the Qualification Form is provided. The City will not evaluate any project which does not comply with the criteria set forth herein, including any project which is referred to only on the resume of an individual.

If Special Experience Requirements are indicated for any specific area of work, the submission requirement set forth above shall apply to the entity that will perform the specific area of work.

(E) **CONDITIONS:** In determining compliance with the Special Experience Requirements for the bidder set forth above, the City may consider prior projects completed by principal(s) or other employees of the bidder while affiliated with another entity, subject to the conditions set forth below.

- Any principal or other employee on whose prior experience the bidder is relying to demonstrate compliance with this special experience requirement must have held the following: (a) a significant management role in the prior entity with which he/she was affiliated, and (b) a significant management role in the entity submitting the bid for a period of six (6) months or more from the inception of the bidding entity.
- The bidder may not rely on the experience of its principals or other employees to demonstrate compliance with any other requirements, including without limitation, financial requirements or requirements for a specified minimum amount of annual gross revenues.

(F) **JOINT VENTURES:** In the event the bidder is a joint venture, at least one firm in the joint venture must meet the above described experience requirements.

Qualification Form

List previous projects completed to meet the special experience requirements for this contract.
Please photocopy this form for submission of all required projects.

Name of Contractor: _____

Name of Project: _____

Location of Project: _____

Owner or Owner's representative (Architect or Engineer) who is familiar with the work performed:

Name: _____

Title: _____ Phone Number: _____

Brief description of the Project completed or the Project in progress: _____

Was the Project performed as a prime, a subcontractor or a sub-subcontractor: _____

Amount of Contract, Subcontract or Sub-subcontract: _____

Start Date and Completion Date: _____

Name of Contractor: _____

Name of Project: _____

Location of Project: _____

Owner or Owner's representative (Architect or Engineer) who is familiar with the work performed:

Name: _____

Title: _____ Phone Number: _____

Brief description of the Project completed or the Project in progress: _____

Was the Project performed as a prime, a subcontractor or a sub-subcontractor: _____

Amount of Contract, Subcontract or Sub-subcontract: _____

Start Date and Completion Date: _____

(NO TEXT ON THIS PAGE)

ATTACHMENT 1 - BID INFORMATION

PROJECT ID: GCHP24-02
PIN: 8502016SE0039C

Description and Location of Work:

POROUS PAVEMENT PILOT IN THE HUTCHINSON RIVER CSO
TRIBUTARY AREAS HP-024 & HP-023

Together With All Work Incidental Thereto
BOROUGH OF THE BRONX
CITY OF NEW YORK

Documents Available At: 30-30 Thomson Avenue
First Floor Bid Procurement Room
Long Island City, New York 11101
8:30 A.M. to 4:00 P.M. – Monday through Friday

Submission of Bids To: 30-30 Thomson Avenue
First Floor Bid Procurement Room
Long Island City, New York 11101
Before 11:00 A.M. on MAY 10, 2017

Bid Opening: 30-30 Thomson Avenue
First Floor Bid Procurement Room
Long Island City, New York 11101

Time and Date: 11:00 A.M. on MAY 10, 2017

Pre-Bid Conference: Yes _____ No X
If Yes, Mandatory _____ Optional: _____
Time and Date: _____
Location: _____

Bid Security: Bid Security is required in the amount set forth below; provided, however, bid security is not required if the TOTAL BID PRICE set forth on the Bid Form is less than \$ 1,000,000.00.

- (1) Bond in an amount not less than 10% of the TOTAL BID PRICE set forth on the Bid Form, OR
- (2) Certified Check in an amount not less than 2% of the TOTAL BID PRICE set forth on the Bid Form.

Performance and Payment Security: Required for contracts in the amount of \$1,000,000 or more. Performance Security and Payment Security shall each be in an amount equal to 30% of the Contract Price.

Agency Contact Person: Lorraine Holley
Phone: 718-391-2601 FAX: 718-391-2627
Email: CSB_projectinquiries@ddc.nyc.gov

(NO TEXT ON THIS PAGE)

LIST OF CONTRACT DRAWINGS		
SHEET NUMBER	DESCRIPTION	DRAWING NUMBER
1	TITLE SHEET	I-1
2	TABLE OF CONTENTS	I-2
3	LEGEND AND ABBREVIATIONS	I-3
4	GENERAL NOTES	I-4
5	KEY PLAN – OVERALL SITE	GI-1
6	ENLARGED KEY PLANS – PLANS 1A & 1B	GI-2
7	PRECAST CONCRETE PERMEABLE PAVES – PROPOSED SITE PLAN	GI-3
8	PRECAST CONCRETE PERMEABLE PAVES – PROPOSED SITE PLAN	GI-4
9	PRECAST POROUS CONCRETE PANEL – PROPOSED SITE PLAN	GI-5
10	PRECAST POROUS CONCRETE PANEL – PROPOSED SITE PLAN	GI-6
11	PRECAST POROUS CONCRETE PANEL – PROPOSED SITE PLAN	GI-7
12	PRECAST POROUS CONCRETE PANEL – PROPOSED SITE PLAN	GI-8
13	PRECAST POROUS CONCRETE PANEL – PROPOSED SITE PLAN	GI-9
14	PRECAST POROUS CONCRETE PANEL – PROPOSED SITE PLAN	GI-10
15	PRECAST POROUS CONCRETE PANEL – PROPOSED SITE PLAN	GI-11
16	DETAIL SHEET 1 - PRECAST POROUS CONCRETE PANEL	GI-12
17	DETAIL SHEET 2 – PRECAST CONCRETE PERMEABLE PAVERS	GI-13
18	DETAIL SHEET 3 – CAST-IN-PLACE CONCRETE & MONITORING WELL DETAILS	GI-14
19	DETAIL SHEET 4 – UTILITY CROSSING DETAIL	GI-15
20	MAINTENANCE AND PROTECTION OF TRAFFIC NOTES – SHEET 1	GI-16
21	MAINTENANCE AND PROTECTION OF TRAFFIC NOTES – SHEET 2	GI-17
22	MAINTENANCE AND PROTECTION OF TRAFFIC PLAN - TYPICAL	G1-18

23	MAINTENANCE AND PROTECTION OF TRAFFIC TEMPORARY SIGNS AND STORAGE AREA	GI-19
24	TREE PRUNING ZONE AREAS – PERMEABLE PAVER BLOCK	GI-20
25	TREE PRUNING ZONE AREAS POROUS CONCRETE PANELS	GI-21
26	ENLARGED GEOTECHNICAL INVESTIGATION MAP KEY PLAN 1A	B-1
27	ENLARGED GEOTECHNICAL INVESTIGATION MAP KEY PLAN 1B	B-2
28	BORING LOGS AND PERMEABILITY RESULTS – B69P-1 TO B369P-1	B-3
29	BORING LOGS AND PERMEABILITY RESULTS – B69P-1 TO B382D-1	B-4
30	TOPOGRAPHICAL PLAN – POROUS PAVEMENT PILOT STUDY – WILDER AVENUE	S-1
31	TOPOGRAPHICAL PLAN – POROUS PAVEMENT PILOT STUDY – BRUNER AVENUE	S-2
32	TOPOGRAPHICAL PLAN – POROUS PAVEMENT PILOT STUDY – BRUNER AVENUE	S-3
33	TOPOGRAPHICAL PLAN – POROUS PAVEMENT PILOT STUDY – WICKHAM AVENUE	S-4
34	TOPOGRAPHICAL PLAN – POROUS PAVEMENT PILOT STUDY – WICKHAM AVENUE	S-5
35	TOPOGRAPHICAL PLAN – POROUS PAVEMENT PILOT STUDY – DIGNEY AVENUE AND 233 RD STREET	S-6
36	TOPOGRAPHICAL PLAN – POROUS PAVEMENT PILOT STUDY – DIGNEY AVENUE AND 233 RD STREET	S-7
37	TOPOGRAPHICAL PLAN – POROUS PAVEMENT PILOT STUDY – DIGNEY AVENUE AND 233 RD STREET	S-8

**STANDARDS AND REFERENCE
DRAWINGS**

THE LATEST PROVISIONS OF THE APPLICABLE REFERENCE STANDARDS THAT HAVE BEEN
AUTHORIZED UPTO THE START OF CONSTRUCTION SHALL BE CONSIDERED AS PART OF THESE
CONTRACT DOCUMENTS.

<i>DRAWING NO.</i>	<i>DESCRIPTION</i>	<i>AGENCY</i>
H-1011	SIDEWALK PEDESTRIAN RAMPS	NYC DOT HIGHWAY
H-1012	TIMBER CURB	NYC DOT HIGHWAY
H-1013	ILLUMINATED TIMBER BARRICADE	NYC DOT HIGHWAY
H-1046A	PROTECTIVE TREE BARRIER	NYC DOT HIGHWAY
H-1049	PLASTIC BARREL	NYC DOT HIGHWAY
H-1057	TEMPORARY STORAGE AREA	NYC DOT HIGHWAY

NOTE: OTHER AGENCY STANDARDS AND REFERENCE DRAWINGS TO BE USED WHERE APPLICABLE

(NO TEXT ON THIS PAGE)

BID SCHEDULE

The following pages contain the Bid Schedule. Items listed in the Bid Schedule shall comply with the requirements of the corresponding sections of the specifications detailed in the table below. All references to the Standard Specifications, Details, Standards, and Drawings shall be to the version in effect at the time of bid.

NOTES:

- "XXX" in the table below signifies any possible combination of characters and spaces.
- The table below may contain item formats which are not included in the Bid Schedule.
- **Please refer to the Bid Schedule to determine which specifications apply.**

Item Number Format	Applicable Specifications
4.XXX 6.XXX 7.XXX 8.XXX (Except 8.01 XXX; see below) 9.XXX	NYC Department of Transportation ("DOT") Standard Highway Specifications, as amended in the R-Pages, located in Volume 3 of 3 herein; <p style="text-align: center;">AND</p> NYC DOT Standard Details of Construction; <p style="text-align: center;">OR,</p> if the item is not contained within the Standard Specifications , then see the applicable New Sections in the I-Pages, located in Volume 3 of 3 herein.
1.XXX 50.XXX through 55.XXX 60.XXX through 66.XXX 70.XXX through 79.XXX (Except 79.11XXX; see below) DSS XXX DSW XXX	NYC Department of Environmental Protection ("DEP") Standard Sewer and Water Main Specifications, as amended in the R-Pages and SW-Pages, located in Volume 3 of 3 herein; <p style="text-align: center;">AND</p> NYC DOT Specifications for Trunk Main Work; <p style="text-align: center;">AND</p> NYC DOT Sewer Design Standards; <p style="text-align: center;">AND</p> NYC DOT Water Main Standard Drawings; <p style="text-align: center;">OR,</p> if the item is not contained within the Standard Specifications , then see the Amendments to the Standard Sewer and Water Main Specifications in the SW-Pages, located in Volume 3 of 3 herein.
GI-XXX PM-XXX ROW XXX	New Sections in the I-Pages, located in Volume 3 of 3 herein <p style="text-align: center;">AND</p> NYC DEP Standards for Green Infrastructure.
UTL-XXX	Gas Cost Sharing Standard Specifications in the EP7-Pages, located in Volume 3 of 3 herein.

BID SCHEDULE

Item Number Format	Applicable Specifications
83X.XXX HW-XXX MX.XXX MP XXX NYC-XXX NYCT-XXX NYPD-XXX P XXX PK-XXX	New Sections in the I-Pages, located in Volume 3 of 3 herein.
BMP-XXX	Specifications for Construction of Best Management Practice (BMP) and Mitigation Area in the BMP-Pages, located in Volume 3 of 3 herein.
E XXX ME XXX	Specifications for the Specialty Electrical Works in the EL-Pages, located in Volume 3 of 3 herein.
SL-XXX	NYC DOT Division of Street Lighting Specifications AND NYC Division of Street Lighting Standard Drawings.
T-XXX	NYC DOT Specifications for Traffic Signals and Intelligent Transportation Systems AND NYC DOT Traffic Signal Standard Drawings.
JB XXX	Joint Bid Specifications in the JB-Pages, located in Volume 3 of 3 herein.
8.01 XXX	Specifications for Handling, Transportation and Disposal of Nonhazardous and Potentially Hazardous Contaminated Materials in the HAZ-Pages, located in Volume 3 of 3 herein.
67.XXX	Specifications for Abatement of Coal Tar Wrap Asbestos Containing Materials in the ASB-Pages, located in Volume 3 of 3 herein.
79.11XXX	Specifications for Abatement of Transit Authority Duct Insulation Asbestos Containing Materials in the ASB-Pages, located in Volume 3 of 3 herein.

(NO FURTHER TEXT ON THIS PAGE)

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 - 12

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.



4/4/2017 8:25 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
001	4.02 AF ASPHALTIC CONCRETE WEARING COURSE, 2" THICK	1,500.00	S.Y.		
002	4.04 H CONCRETE BASE FOR PAVEMENT, VARIABLE THICKNESS FOR TRENCH RESTORATION, (HIGH-EARLY STRENGTH)	15.00	C.Y.		
003	4.07 BA RESET GRANITE CURB	20.00	L.F.		
004	4.07 CB NEW GRANITE CURB, STRAIGHT	100.00	L.F.		
005	4.08 PP CONCRETE CURB FOR POROUS PAVEMENT (30" DEEP)	5,411.00	L.F.		
006	4.09 AD STRAIGHT STEEL FACED CONCRETE CURB (18" DEEP)	40.00	L.F.		



NEW YORK CITY DEPARTMENT OF DESIGN AND CONSTRUCTION PROJECT ID: GCHP24-02
 DIVISION OF INFRASTRUCTURE - BUREAU OF DESIGN CONTRACT PIN: 8502016SE0039C

4/4/2017 8:25 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)		COL. 6 EXTENDED AMOUNT (IN FIGURES)
				DOLLARS	CTS	
007	4.11 AA ROCK EXCAVATION IN STREETS, TRENCHES AND STRUCTURES	30.00	C.Y.			
008	4.11 CA FILL, PLACE MEASUREMENT	25.00	C.Y.			
009	4.13 AAS 4" CONCRETE SIDEWALK (UNPIGMENTED)	750.00	S.F.			
010	4.13 BAS 7" CONCRETE SIDEWALK (UNPIGMENTED)	1,500.00	S.F.			
011	4.14 W WELDED STEEL WIRE FABRIC	36.00	LBS.			
012	4.18 A MAINTENANCE TREE PRUNING (UNDER 12" CAL.)	12.00	EACH			



NEW YORK CITY DEPARTMENT OF DESIGN AND CONSTRUCTION PROJECT ID: GCHP24-02
 DIVISION OF INFRASTRUCTURE - BUREAU OF DESIGN CONTRACT PIN: 8502016SE0039C

4/4/2017 8:25 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	COL 6 EXTENDED AMOUNT (IN FIGURES) DOLLARS
013	4.18 B MAINTENANCE TREE PRUNING (12" TO UNDER 18" CAL.)	84.00	EACH		
014	4.18 C MAINTENANCE TREE PRUNING (18" TO UNDER 24" CAL.)	12.00	EACH		
015	4.18 D MAINTENANCE TREE PRUNING (24" CAL. AND OVER)	2.00	EACH		
016	4.21 TREE CONSULTANT	120.00	P/HR		
017	6.02 AAN UNCLASSIFIED EXCAVATION	2,204.00	C.Y.		
018	6.07 AA EXISTING BLUESTONE FLAGS RELAID	100.00	S.F.		



NEW YORK CITY DEPARTMENT OF DESIGN AND CONSTRUCTION PROJECT ID: GCHP24-02
 DIVISION OF INFRASTRUCTURE - BUREAU OF DESIGN CONTRACT PIN: 8502016SE0039C

4/4/2017 8:25 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)		COL. 6 EXTENDED AMOUNT (IN FIGURES)
				DOLLARS	CTS	
019	6.09 C CONCRETE HEADER (6" WIDE X 24" DEEP)	5,550.00	L.F.			
020	6.22 F ADDITIONAL HARDWARE	5,000.00	LBS.			
021	6.25 RS TEMPORARY SIGNS	320.00	S.F.			
022	6.26 TIMBER CURB	1,000.00	L.F.			
023	6.28 BA LIGHTED TYPE III BREAKAWAY BARRICADES	36.00	L.F.			
024	6.36 DR STRUCTURAL REPAIR AND ADJUSTMENT OF UTILITY STRUCTURES	50.00	C.Y.			



NEW YORK CITY DEPARTMENT OF DESIGN AND CONSTRUCTION PROJECT ID: GCHP24-02
 DIVISION OF INFRASTRUCTURE - BUREAU OF DESIGN CONTRACT PIN: 8502016SE0039C

4/4/2017 8:25 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)		COL 6 EXTENDED AMOUNT (IN FIGURES)	
				DOLLARS	CTS	DOLLARS	CTS
025	6.40 B ENGINEER'S FIELD OFFICE (TYPE B)	24.00	MONTH				
026	6.43 PHOTOGRAPHS	45.00	SETS				
027	6.50 CLEANING OF DRAINAGE STRUCTURES	9.00	EACH				
028	6.52 CG CROSSING GUARD	288.00	P/HR				
029	6.55 SAWCUTTING EXISTING PAVEMENT	11,704.00	L.F.				
030	6.87 PLASTIC BARRELS	200.00	EACH				