

REQUEST FOR PROPOSALS

FOR

FLUSHING AND MAINTENANCE
OF THE DRAINAGE PIPES

AT

BATTERY PARKING GARAGE
56-80 GREENWICH STREET NEW YORK, NY

Solicited By:
LAZ Parking
New York & New Jersey, LLC
333 West 39th Street Suite 602
New York, NY 10018

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Section One: Introduction

LAZ Parking New York & New Jersey LLC

LAZ Parking is now accepting proposals for the flushing and maintenance of the drain pipes at the Battery Parking Garage.

LAZ offers opportunities for firms through a public solicitation known as a "Request for Proposals" (RFP). LAZ's objective in issuing an RFP is to publicly offer and promote specified competitive bids or proposals. The goal of the RFP process is to attract strong and viable proposals.

LAZ's selection criteria include the financial strength, demonstrated management expertise, business plan and track record of the Contractor, as well as the bid or offer. The RFP, therefore, requires the completion of an extensive application.

The *Contractor's Qualification Statement* (CQS) must be filled out completely; incomplete CQS forms will be returned and may disqualify a proposal.

Section Two: Request for Proposals-Rules & Regulations

The Property: This RFP booklet is accompanied by the *Scope of Services* to be performed at the Battery Parking Garage - 56-80 Greenwich Street, New York, NY 10006.

Due Date: Each proposal must contain three (3) copies of all Submission requirements listed on the next page. The proposal must be delivered in a sealed envelope to LAZ's New York office on or before March 11th at 3 PM, (the "Deadline") at which time they shall be opened in the presence of MTA contract manager or another authorized designee. Envelopes must be addressed as follows:

LAZ Parking NY/NJ LLC
Attn: Salik Syed
Battery Parking Garage Drainage Pipes Flushing and Maintenance
333 West 39th Street Suite 602
New York, NY 10018

Submission Requirements: Proposals must include the following:

1. A complete *Contractor's Qualification Statement*.
2. A proposed Contract.
3. A description of the methods and schedule for flushing and maintaining the drainage pipes.
4. A proposal detailing the cost of the work.

Proposal Bid: If the Contractor selected for an award fails to execute a signed contract based on the terms submitted in the proposal, LAZ can cancel or withdraw the notice of award without further obligation.

Withdrawal Of Proposals: After the deadline, proposals shall be considered an offer and may not be withdrawn until at least 90 days after the deadline as specified.

Site Visit: February 21st at 1 PM. Meet in the lobby of the Battery Parking Garage at 70 Greenwich Street in lower Manhattan. Final questions are due no later than February 28th at 3 PM. Questions submitted after this deadline will not be accepted.

Selection Criteria: LAZ shall consider the following criteria in evaluating proposals:

1. **Business Experience:** Appropriateness will be evaluated on the basis of length of experience and areas and levels or responsibilities.
2. **Financial Qualifications:** The creditworthiness of the Contractor will be assessed to ensure that they can manage the scope of work in a timely manner.
3. **Cost of Providing Flushing of the Drainage Pipes and Maintenance.** All escalation costs shall be included in the proposal.
4. **Term of maintenance contract to be 5 years, non-renewable.**

Conditions:

1. A confidentiality agreement will be required for receipt of all plans which shall remain the exclusive property of MTA/MTA Bridges and Tunnels.
2. Once submitted, a proposal becomes the property of LAZ and constitutes an offer by the Contractor that may not be revoked until the 90th day after the deadline, and thereafter only in writing. No proposal shall be deemed granted and no rights whatsoever shall accrue to the Contractor or any other person against LAZ or any affiliate or subsidiary thereof, nor shall there be deemed to be an executed contract for any project unless and until a fully executed contract is delivered to the Contractor.
3. **Insurance:** Please see the section of this booklet entitled “Type of Insurance Required by the Successful Bidder” for all insurance requirements.
4. **Termination:** LAZ reserves the right to terminate the Contract at any time for any reason or no reason.

Additional Conditions: LAZ reserves the right, without liability, to

1. Postpone the submission deadline,
2. Reject any and all proposals,
3. Negotiate all terms and conditions, including compensation and location, with any proposer,
4. Modify or withdraw this RFP or any property specified in it at any time and without explanation, or waive any requirement.

Section Three: Type of Insurance Required by the Successful Bidder

- I. **Insurance:** Contractor shall maintain, at its sole expense:
- A. Workers' Compensation Insurance including Employer's Liability. Such insurance shall fully comply with the Worker's Compensation law(s) of the state(s) in which operations or work related to this Agreement is to be performed.
 - B. Commercial General Liability Insurance including Products/Completed Operations coverage and Contractual Liability coverage, with a Combined Single Limit of at least \$2,000,000 per Occurrence for Bodily Injury and Property Damage. Such insurance shall (1) be underwritten by insurers acceptable to LAZ; (2) name LAZ Parking New York/New Jersey LLC., Metropolitan Transportation Authority, Metropolitan Transportation Authority Bridges And Tunnels, City and State of New York and their subsidiaries and their officers, directors and employees as additional insureds (the "Insured's") for the full policy limit; (3) provide for a waiver of subrogation with respect to any additional insured's; (4) specifically state the indemnification agreement of this contract is insured as a contractual obligation for the insurer; and (5) provide that the insurer shall give LAZ at least sixty (60) days advance written notice, by certified mail, return receipt requested, of any adverse change, or any cancellation or non-renewal of such insurance and that any adverse change, cancellation or non-renewal shall not apply to the interest of the additional insured for sixty (60) days following receipt of such notice.
 - C. Automobile Liability Insurance with a Combined Single Limit of at least \$1,000,000 per occurrence for bodily Injury and Property Damage. Such insurance shall be (1) underwritten by insurers acceptable to LAZ; (2) name the Insured; (3) apply to any automobile; and (4) provide that the insurer will provide LAZ with at least sixty (60) days advance written notice, by certified mail, return receipt requested, of any cancellation or non-renewal of such insurance. Such notice to be given by certified mail, return receipt requested to the address herein below set forth.

The Contractor will provide LAZ with a Certificate of Insurance evidencing the maintenance of the insurance required above. The Certificate of Insurance shall (1) show the total limit of liability of all policies; (2) reference this contract on the Certificate of Insurance; and (3) be signed by an authorized representative of the insurance carrier.

NOTIFICATION LIST OF CERTIFICATE OF INSURANCE POLICY

II. Notice: Any notice to be served pursuant to this contract shall be delivered by either (i) personal delivery or (ii) U.S. Certified Mail, Return Receipt Requested, postage pre-paid, addressed as follows:

If to LAZ Parking:

LAZ Parking New York/New Jersey, LLC.
One Financial Plaza, 14th Floor
Hartford, CT 06103
Attn: Insurance Director

With a copy to:

LAZ Parking New York/New Jersey LLC.
One Financial Plaza, 14th Floor
Hartford, CT 06103
Attn: Insurance Compliance and Contract Administrator

And:

Metropolitan Transportation Authority
2 Broadway, 16th Floor
New York, NY 10004
Attention: Director, Risk Management

Section Four: Contractor's Qualification Statement

SUBMITTED TO:

SUBMITTED BY:

Firm: _____

Address: _____

City: _____

State: _____

PROJECT: _____

Zip: _____

Phone: _____

HAS FIRM EVER WORKED FOR THIS OWNER ON OTHER PROJECTS?

Yes ☐ No ☐

TYPE OF FIRM:

- | | | | |
|--------------------------------------|--------------------------------------|--|--|
| <input type="checkbox"/> Corporation | <input type="checkbox"/> Partnership | <input type="checkbox"/> Individual | <input type="checkbox"/> Other (provide explanation) |
| <input type="checkbox"/> Closed Shop | <input type="checkbox"/> Open Shop | <input type="checkbox"/> Minority Business Enterprise | |
| | | <input type="checkbox"/> Woman Owned Business Enterprise | |

Type of MBEWBE certification:

If your organization is a corporation, answer the following:

Date of incorporation: _____

State of incorporation: _____

President's name: _____

Vice-president's name(s): _____

Secretary's name: _____

Treasurer's name: _____

If your organization is a partnership, answer the following:

Date of organization: _____

Type of partnership (if applicable): _____

Name(s) of general partner(s): _____

If your organization is individually owned, answer the following:

Date of organization: _____

Name of Owner: _____

Years in business as Contractor under present firm name: _____

Under what other or former names has your organization operated?

Number of Employees: _____ Office: _____ Field: _____

TYPE OF WORK:

General Construction ☐ Masonry Restoration ☐

Waterproofing/Roofing ☐ Other ☐
 Structural Restoration ☐ _____
 (Please specify)

PROJECT MANAGERS, FIELD SUPERINTENDENTS AND CONSTRUCTION EXPERIENCE:

Name:	Title	Yrs w/ Firm	Yrs Experience
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

(use explanations section for additional space if needed)

OFFICERS, PARTNERS OR OWNERS AND CONSTRUCTION EXPERIENCE:

Name:	Title	Yrs w/ Firm	Yrs Experience
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

FIVE LARGEST PROJECTS COMPLETED IN LAST FIVE YEARS:

Project	Owner's Representative & Phone Number	Contract Amount
_____	_____	\$ _____
_____	_____	\$ _____
_____	_____	\$ _____
_____	_____	\$ _____
_____	_____	\$ _____

FIVE LARGEST PROJECTS COMPLETED IN LAST FIVE YEARS:

Project	Owner's Representative & Phone Number	Contract Amount
_____	_____	\$ _____
_____	_____	\$ _____
_____	_____	\$ _____
_____	_____	\$ _____
_____	_____	\$ _____

Average annual billing for last five years: \$ _____

Last year's billing: \$ _____

Last year's billing for structural concrete repairs and waterproofing: \$ _____

Average annual billing for structural concrete repairs and waterproofing: \$ _____

MAJOR PROJECTS UNDER CONTRACT:

Project	% Complete & Completion Date	Arch/Engr	Contract Amount
_____	_____	_____	\$ _____

	\$
	\$
	\$
	\$
Total projects under contract: (including those not listed above)	\$

CURRENT PROJECTS ON WHICH FIRM IS A CANDIDATE FOR CONTRACT AWARD:

HAS FIRM EVER FAILED TO COMPLETE A CONTRACT? Yes ☐ No ☐

HAS ANY OFFICER, PARTNER OR OWNER OF FIRM EVER BEEN AN OFFICER, PARTNER OR OWNER OF ANOTHER FIRM WHEN IT FAILED TO COMPLETE A CONTRACT? Yes ☐ No ☐

HAS FIRM HAD ANY SUB-CONTRACTOR FAIL TO COMPLETE A CONTRACT IN LAST FIVE YEARS? Yes ☐ No ☐

ARE THERE ANY JUDGMENTS, CLAIMS, ARBITRATION PROCEEDING OR SUITS PENDING OR OUTSTANDING AGAINST FIRM OR ITS OFFICERS? Yes ☐ No ☐

HAS FIRM BEEN A PARTY TO ANY LAWSUITS IN LAST FIVE YEARS? Yes ☐ No ☐

(if answer to any of above questions is yes, provide explanation)

REFERENCES:

Banks:

Account Numbers:

Agent Phone Number

Insurance Company:

Bonding Company:

Suppliers:

Other:

FINANCIAL STATEMENT:

C.P.A. Firm: _____

Attach a financial statement, preferably audited, including your organization's latest balance sheet and income statement showing the following items: assets, debts, and unencumbered net worth.

Is the attached financial statement for the identical organization named on page one?

Yes ☐ No ☐

If not, explain the relationship and financial responsibility of the organization whose financial statement is provided (e.g., parent-subsidary).

THE ANSWERS TO THE FOREGOING QUESTIONS AND ALL STATEMENTS HEREIN CONTAINED ARE TRUE AND CORRECT

Firm: _____

By: _____

Signature: _____

Title: _____

Date: _____

(corporate)

Attest: _____

EXPLANATIONS: _____

The undersigned hereby authorizes and requests any person, firm, or corporation to furnish any information requested by the Owner in verification of the recitals comprising this Statement of Bidder's Qualifications.

State of _____ County of _____

_____ Being duly sworn deposes and says that he is
of _____ and that the answers to the foregoing questions and all statements therein are
true and correct.

Subscribed and sworn to before me this _____ day of _____, 20____.

(Notary Public)

My commission expires: _____

Section Five: Scope of Services to Provide Flushing and Annual Maintenance of the Drain Pipes at the Battery Parking Garage

I. Introduction and project objective

LAZ Parking New York/New Jersey, LLC ("LAZ") is requesting proposals for the flushing and annual maintenance of the Brooklyn Battery Garage drainage system for duration of Five (5) years.

II. Facilities

The Battery Parking Garage, consisting of the following street addresses:

- Primary Address: 56-80 Greenwich Street

With other entrances and exits at the following addresses:

- 20 Morris Street
- 81 Washington Street

The Battery Parking Garage consists of the Original Garage and the Garage Addition.

iii. Scope of work

The scope of work shall be performed twice a year and is to include the following:

1. Inspection and flushing out the drainage pipes twice per year.
2. Replacement of damaged drainpipes, if found during flushing of drain lines and or as directed by Garage Manager.
3. Inspection, maintenance, repair and or replacement of the various Deck Drain Assemblies including drain covers, drain / seepage pan and or full Deck Drain Assembly replacement as directed by the Garage Manager.

A. Technical Specifications:

- The Battery Parking Garage has approximately 3,200 linear feet of 4" floor drains on seven (7) floors including the roof, and two hundred ten (210) deck drains.
- The contractor shall prepare existing deck drains for jetting by removing ductile grates and cleaning baskets.
- The contractor shall provide all necessary jetting equipment necessary to high-pressure jet existing drains. The Battery Parking Garage will provide access to water.
- The contractor shall flush each 4" drainpipe to its corresponding 8" vertical pipe from the 6th floor to the 1st floor of both garages and remove all sediment from clean-outs to ground level.
- Contractor shall provide container, label, manifest, transport and dispose sediment at permitted waste facility.

- The contractor shall provide a labor rate for additional work not listed in this scope.

B. Maintenance:

1. Upon arrival at each site, the Contractor shall check in with the designated contact person on site.
2. Contractor shall develop cost proposals if pipe repairs/replacement is deemed necessary after field inspection of the drainage system.
3. The contractor shall advise on-site contact person if any additional repairs are required.
4. The contractor shall proceed with additional repairs only after authorization by MTA C&D and/or Property Manager and complete all work in accordance with the approved cost proposal.

C. Service Call Report:

Prepare a service call report detailing the work performed and leave a copy of the report on site. The report shall include:

- Time of arrival
- Time of departure
- Detailed summary of the work performed
- Summary of any repairs required or recommended

D. Service Call Notification:

1. Prior Notification: If the contractor is notified before 11:00 A.M., they shall respond the same day and complete the work within normal working hours.
2. Post Notification: If notified after 11:00 A.M., the contractor shall respond the same day if possible and complete the work within normal working hours. Alternatively, the contractor may respond by 8:00 A.M. the next working day and complete the work within normal working hours.
3. Emergency Notification: If the work is identified as an emergency, the contractor shall respond immediately and continue working until the task is completed.
4. Normal Working Hours: All work shall be performed during normal working hours, which are from 8:00 A.M. to 5:00 P.M. (except in emergencies).
5. Authorization for After-Hours Work: No work shall be performed after normal working hours without the express authorization of the Property Manager. Any after-hours work performed without such authorization will be compensated at regular hourly rates only.

IV. General requirements

- A. The contractor shall provide trained and experienced mechanics who are knowledgeable and capable of diagnosing and repairing problems related to the flushing and
- Battery Parking Garage – Drain Pipes Flushing and Maintenance
RFP RFP Section Five: Scope of Services for Flushing and
Maintenance of the Drainage Pipes at Battery Parking Garage

maintenance of drainage systems.

- B. Upon completion of work, the Contractor shall clean up the work area and remove all debris generated during the performance of the work.
- C. The contractor shall perform all work in accordance with generally accepted industry practices for safe and efficient operation.
- D. The Contractor shall practice acceptable safety precautions to avoid harming any persons or property while performing services under this RFP or any resulting contract.
- E. All work must be coordinated and scheduled in advance with the LAZ facility manager.
- F. The Contractor shall maintain a work record showing: actual work/tasks performed, arrival and departure times of employees and equipment for each task, equipment hours, work, and equipment hours used on each task, description of the work performed, the location of the work performed, and any other information required by the Garage Manager.

V. Special instructions

- A. All work shall be subject to the inspection and approval of LAZ/MTA C&D prior to acceptance and approval for payment.
- B. Failure to provide an estimate and obtain approval before starting work or exceeding the estimate without approval will be grounds for denying payment.
- C. LAZ reserves the right to use alternate sources for completion of the work, to obtain competitive prices on any repair and to utilize any information obtained under this Contract relative to necessary materials and repairs it deems appropriate.
- D. All cost proposals shall include labor, materials, and incidentals to complete the task assigned.
- E. Assignability of Contract

LAZ Parking shall have the right to assign the contract to Metropolitan Transportation Authority, Construction & Development or a successor operator to LAZ Parking. Contractor shall have no right to assign the contract without the express written consent of LAZ Parking.

F. Materials

Cast Iron pipe manufacturer shall be;

- 1. Krupp Foundry
- 2. Central Foundry
- 3. Tyler Foundry
- 4. Or Engineer approved equal

Cast Iron fittings shall be manufactured by:

- 1. Clow & Son
- 2. Crane Co.

Battery Parking Garage – Drain Pipes Flushing and Maintenance
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Maintenance of the Drainage Pipes at Battery Parking Garage

3. Grabler Mfg Co.
4. Grinnell Co
5. Kuhn Bros.
6. Stockham Mfg Co.
7. Flagg
8. Or Engineer approved equal

G. Floor /Deck Drainage Assembly: the manufacturer shall be Zurn or an engineer-approved equal. Assemblies must have, slotted drain cover, Dura-Coated cast iron body with bottom outlet, seepage pan or clean out basket and combination membrane flashing clamp. Contractor to include any or all required demolition, patching and or concrete work required for removal and installation of drain assembly including but not limited to painting affected area.

Materials shall be new and of the best quality and in all cases acceptable to MTA C&D Engineer.

No-Hub Cast iron pipe and fittings shall conform to the Standard Specifications for Cast Iron Soil Pipe Institute Standard 310-97. Pipe and fittings shall be of a grade known as service weight. Manufacturer's name must be cast or stamped on each length of pipe and on each fitting. Pipe and fitting shall be coated.

Contractor shall ensure that pipes are installed to match existing grading at a run of not less than 1/8" per foot.

All piping shall have reducing fittings if required. No bushings will be permitted on any piping without Engineer's acceptance.

Replace clevis hangers, hanger rods and supports where required.

No chains, metal straps or wire will be permitted to be used for pipe supports.

Section Six: Payment

Payment shall be made based on the lump sum price bid, which shall constitute full compensation for all supervision, labor, materials, and equipment necessary to satisfactorily complete the work.

The contractor shall conduct a survey of all locations to ensure that all materials, including hanger supports and connection fittings required for the complete replacement of the damaged drainage pipe sections, are included in their cost proposal.

Contractor personnel are prohibited from performing work under this work order using unsupported ladders. Properly erected scaffolding (moveable if necessary) shall be utilized for the performance of the work.

Bid Price Sheet

Project Name:

Bid Submission Date:

Bidders Name:

Contact Information:

<u>Item Description</u>	<u>Unit</u>	<u>Quantity</u>	<u>Unit Price (\$)</u>	<u>Total Price (\$)</u>
1. Drainage Pipes Flushing and Replacement	Each	<u>2</u>		
2. Repair/Replacement of Drainage Piping	L.F.	<u>1</u>		
3. Removal/Replacement of Casting Covers	Each	<u>1</u>		
4. Removal/Replacement of Cleaning Baskets	Each	<u>1</u>		
5. Replacement of Deck Drainage 6” to 10”	Each	<u>1</u>		
6. Replacement of Deck Drainage 11” to 16”	Each	<u>1</u>		
7. Replacement of Deck Drainage 17” to 22”	Each	<u>1</u>		

Signature: _____

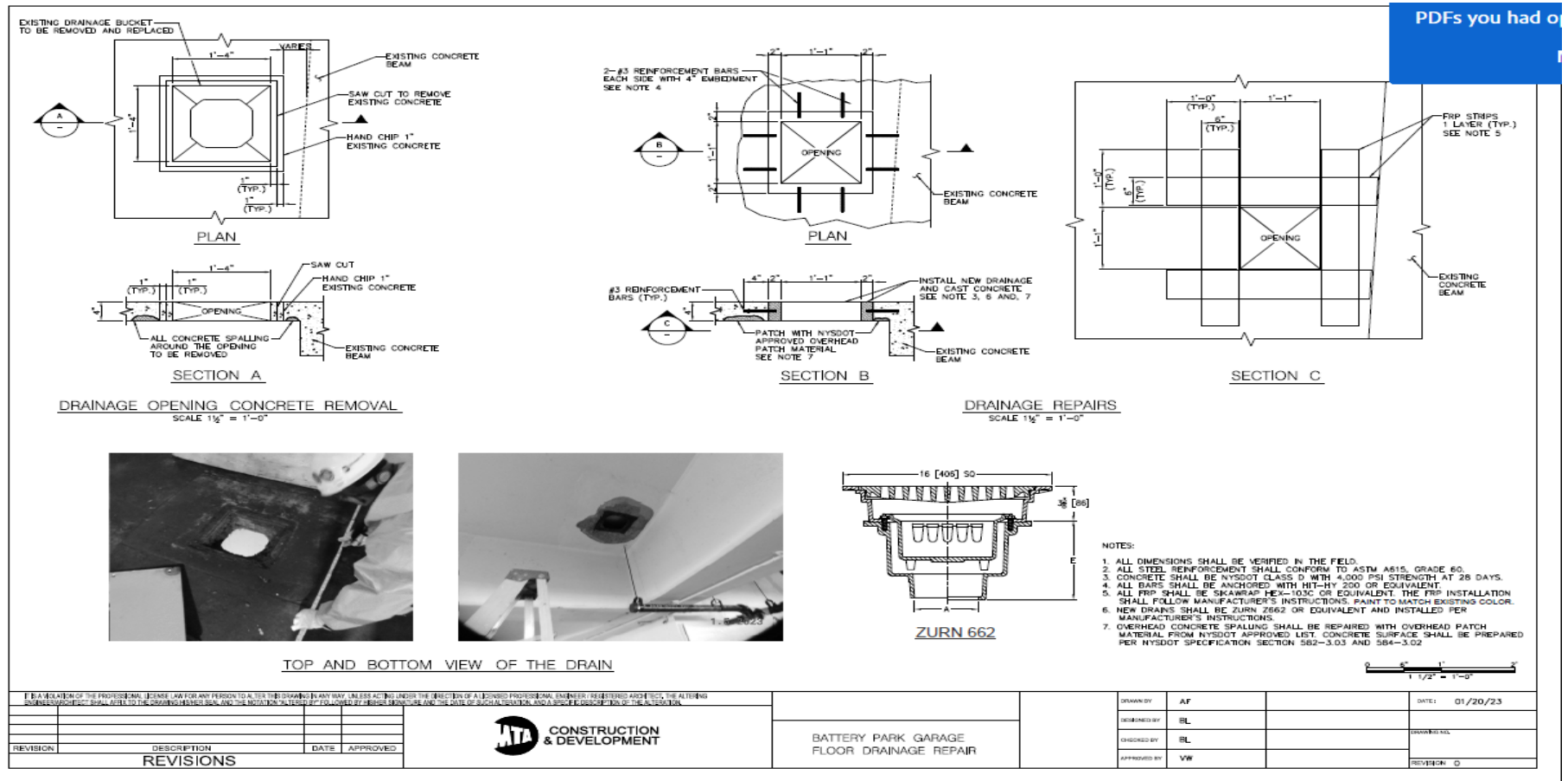
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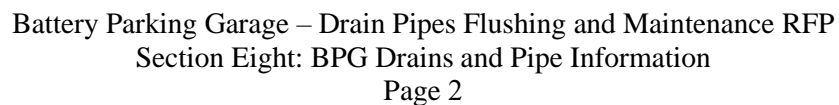
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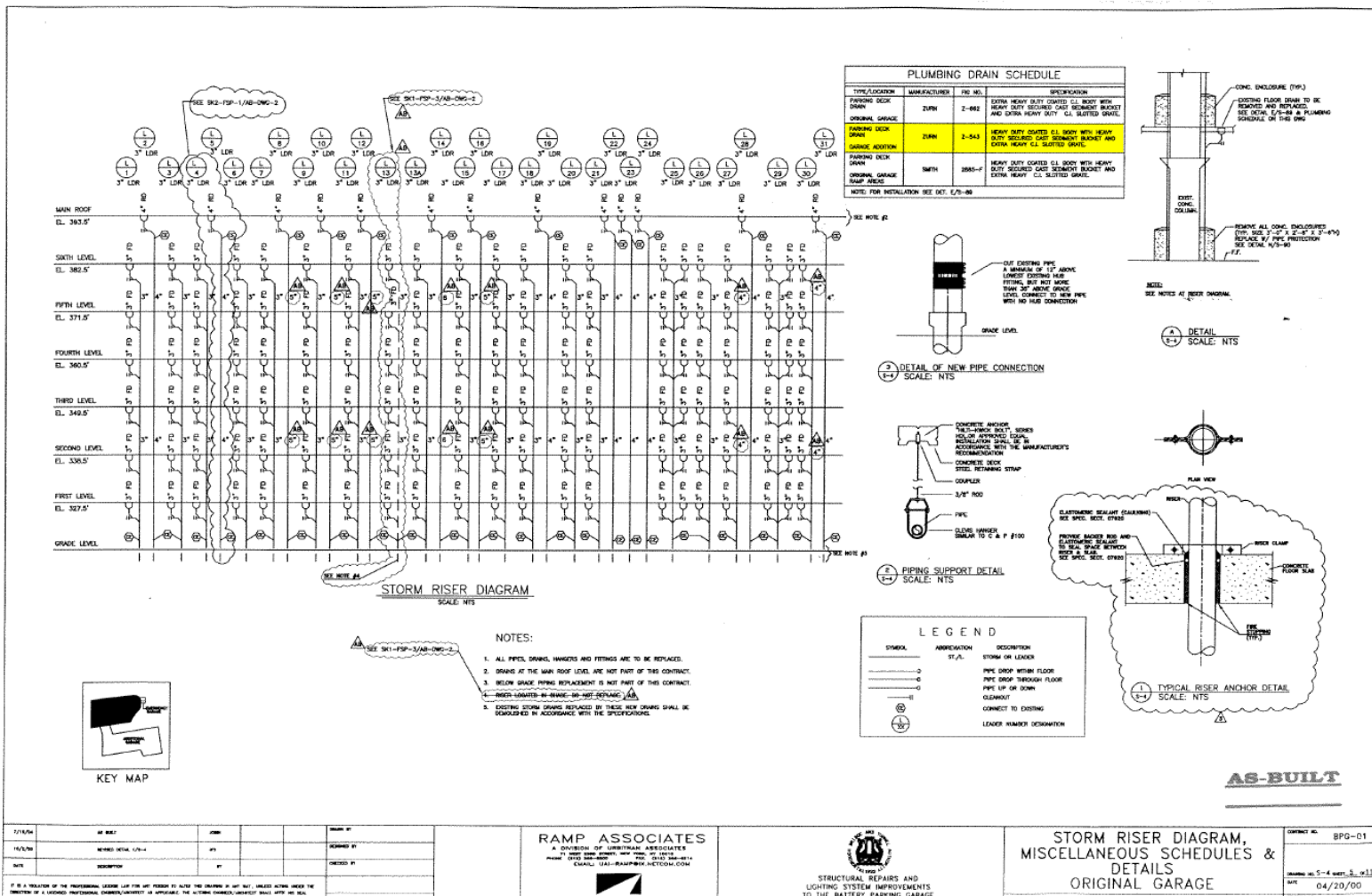
Prices include all labor, materials, and equipment necessary for the completion of the work.

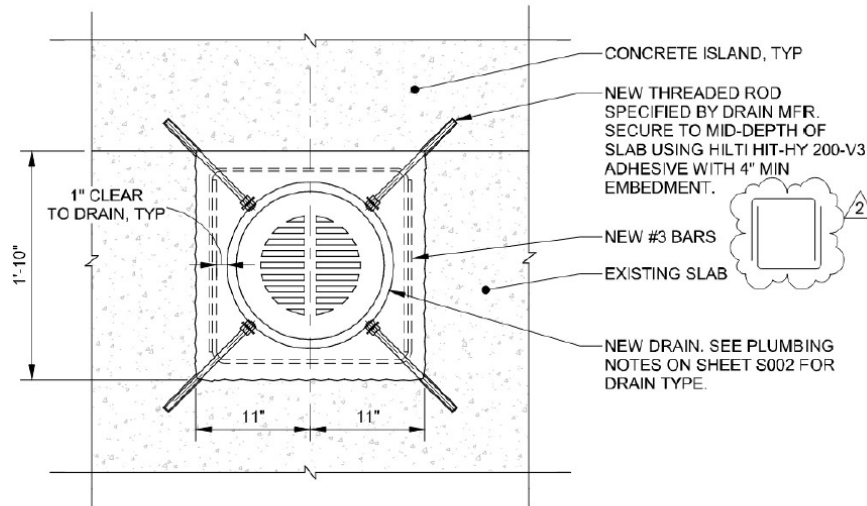
Appendix A: BPG Drains and Pipe Information

(The following section contains detailed information regarding the drainage and pipe systems at the Battery Parking Garage. This information is provided to assist contractors in understanding the scope of work and technical specifications related to the flushing and maintenance of drainage pipes.)

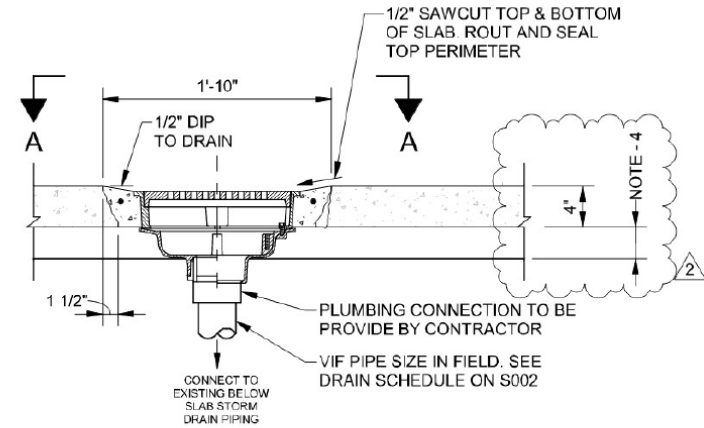








PLAN VIEW A - A



SECTION VIEW

NOTES:

1. EXISTING FLOOR DRAIN IS 13" SQUARE.
2. CONTRACTOR TO DEMO EXISTING DRAIN AND SLAB AROUND AS INDICATED. NEW DRAIN TO BE 16" SQUARE.
3. CONTRACTOR TO USE EXISTING PIPE TO CONNECT NEW FLOOR DRAIN.
4. BODY HEIGHT OF DRAIN PER MANUFACTURER, APPROXIMATELY 7".

4
S502

NEW FLOOR DRAIN

NTS

TECHNICAL INFO - ZURN MATERIALS AND FINISHES

ZURN CAST IRON

Conforms to ASTM Specification for Gray Iron Castings A48, Class 25. It is produced utilizing the latest equipment and newest developed foundry techniques. Zurn cast iron castings are characterized by a high degree of strength, corrosion-resistance, workmanship, and finish.

ZURN DURESIST

A ductile iron complying with ASTM Specification A536, Grade 60-45-10. Its physical properties make it ideal for grates and drain components that are subjected to severe and heavy duty service. Its chemical characteristics make possible a degree of corrosion-resistance far superior to that of cast iron. Zurn Duresist exhibits remarkable stress qualities, possessing a yield strength in the same range as that of cast carbon steel, while its ability to absorb the shock loading of traffic areas is unequalled, making its use ideal for all areas where extra heavy duty service is a requirement – whether indoors or outdoors – in chemical and metal processing plants or other industrial applications.

ZURN DURA-COAT

A specially formulated paint designed to resist cracking and chipping. Dura-Coat is a latex-based coating developed to be used with cast iron substrate. Dura-Coat is designed, per ASME standards, to protect the product "during normal handling and warehousing prior to installation".

ZURN GALVANIZED CAST IRON

A process of applying heavy zinc coating to a thoroughly cleaned iron casting. This coating contains 95% zinc. Zurn galvanizing can be supplied on all cast iron parts. It increases longevity and is recommended wherever the discoloration caused by oxidation of cast iron is objectionable. Galvanize should be used in coastal and industrial areas where corrosive atmosphere may be encountered.

CADMIUM PLATED CAST IRON

A process of applying a heavy cadmium coating to a thoroughly cleaned iron casting. This coating contains 95% cadmium in a cold applied process. Cadmium plating can be supplied on all cast iron parts. It increases longevity and is recommended wherever the discoloration caused by oxidation of cast iron is objectionable.

PROPERTIES OF BASIC DUCTILE VERSUS CAST IRON

METAL	CAST IRON	DUCTILE IRON
Specification	Class 25	60-45-10
Tensile Strength (PSI)	25/30,000	60/80,000
Yield Strength (PSI)	NIL	45/60,000
Elongation	NIL	10% to 25%
Modules of Elasticity	16 x 10	24 x 10

ZURN BRONZE

A semi-red brass conforming to ASTM Specification for Copper Alloy Sand Casting B584, Copper Alloy No. 844. The exposed surface is normally supplied possessing a satin sheen texture which allows it to blend unobtrusively with surrounding finishes. When the application requires, Zurn Bronze can be polished to a high gloss.

ZURN NICKEL BRONZE

A unique material that is ideally suited to traffic-bearing grates and strainers in finished floor areas. It affords the combined advantage of greater strength, better appearance, and longer service life at the same price as chrome plated brass. Superior ductility and shock resistance are the result of a copper nickel alloy (Copper Alloy 997) having a wearing surface similar in appearance to satin chrome plate; however, because it does not have a plated surface it cannot chip, peel, crack, or wear off. It is highly resistant to corrosion; however, the process of oxidation will naturally occur over time with most metals. Methods have been developed to prevent, preserve, and restore metals affected by oxidation.

CHROME PLATED BRONZE

Ideal for installation in walls, gutters, and other areas where a bright decorative finish is desired, and is not subject to the abrasive action of foot and other traffic. It is not recommended for installations where the abrasion will eventually wear through and cause peeling. It should always be specified for swimming pool fittings due to its high resistance to the halogens (chlorine, etc.), encountered in swimming pool sanitation.

ALUMINUM

Casting grade 319. This is an alloy containing both silicon and copper. It is a solid cast metal in a pleasing light gray color. The light weight, coupled with its exceptional strength and corrosion resistance, makes it ideal for drain components such as sediment buckets and strainers. When used with acid-resisting porcelain enamel coated drains, the possibility of chipping is minimized.

ZURN STAINLESS STEEL

Castings are normally produced in Type CF8 (304) which is an 18-8 Austenitic Stainless possessing excellent corrosion resistant qualities. For some applications where conditions demand, Type CF8M (316) stainless steel can be supplied. Items formed from stainless steel sheet and other stainless steel products are regularly furnished in Type 304 with 316 as an optional material.

A.R.C.

Acid Resisting Epoxy Coating is a baked-on powder coating, which produces a smooth, hard, high gloss finish. This epoxy based coating offers high impact resistance and excellent life expectancy in all drainage applications.

A.R.E.

Acid Resisting Porcelain Enamel is a substantially vitreous or glassy inorganic coating bonded to metal by fusion at a high temperature above 800°F. This coating offers excellent acid, abrasion, and wear resistance. The coating is extremely hard and is the ultimate for sanitation in drainage applications. Zurn A.R.E. coating conforms to the requirements of F.D.A. (Food and Drug Administration) Regulation 21-CFR5 117.1360.

For additional product information, please visit www.zurn.com

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This appendix serves as a reference for all contractors involved in the maintenance and flushing of the drainage pipes at the Battery Parking Garage. The provided details should be reviewed carefully to ensure compliance with project requirements and industry standards.