

DATE:

**CONSTRUCTION/ARCHITECTURAL & ENGINEERING CONTRACT
SOLICITATION NOTICE/PROJECT OVERVIEW**

MTA-NYCT IS NOW ADVERTISING FOR THE FOLLOWING:

RFQ ID #: 0000131308

OPENING/DUE DATE: 6/23/2016

TYPE OF SOLICITATION: RFP

DOCUMENT AVAILABILITY DATE: 04/13/2016

SOLICITATION TITLE: New Fare Payment System

DESCRIPTION: MTA New York City Transit is seeking a Systems Integrator to design, furnish, install, test, integrate and implement an account-based new fare payment and collection system based on open bank card payment industry standards that will utilize contactless media, including contactless smart cards and mobile devices. The solicitation also includes a number of contract options for providing related equipment and services. The New Fare Payment System (NFPS) will replace the current MetroCard fare payment system for both subway and bus operations

Funding: Capital 100%
Goals: MBE 4.5%
WBE 4.0%
Estimated \$ Range: Over \$10M

****PLEASE SEE ATTACHED FOR ADDITIONAL INFORMATION****

(X) PRE-PROPOSAL CONFERENCE LOCATION:

DATE: 5/5/2016

TIME: 9:30AM

2 Broadway, New York, NY- 20th Floor

(X) SITE TOUR LOCATION:

DATE: 1- 5/5/2016

TIME: 1- 1:00PM

2- 5/6/2016

2- 9:30AM

- 1- J/Z Broad St Station, Manhattan
- 2- Grand Ave Bus Depot, 48-05 Grand Ave, Maspeth, NY

FOR MORE INFORMATION, PLEASE CONTACT:

PROCUREMENT REPRESENTATIVE: Samer Hamdeh

PHONE: (646) 252-6075

REQUIREMENTS TO PARTICIPATE

DATA UNIVERSAL NUMBERING SYSTEM (DUNS) NUMBER: ALL VENDORS MUST HAVE A DUN & BRADSTREET DUNS NUMBER IF THEY WISHTO PARTICIPATE IN THIS PROCUREMENT. VENDORS WHO DO NOT HAVE A DUNS NUMBER CAN REGISTER ONLINE AT WWW.DNB.COM/PRODUCT/EUPDATE/REQUESTOPTIONS.HTML. TO OBTAIN ONE FREE OF CHARGE. YOU MUST STATE THAT THE NUMBER IS REQUIRED FOR SAM (SYSTEM FOR AWARD MANAGEMENT)

SYSTEM FOR AWARD MANAGEMENT (SAM): VENDORS ARE ALSO REQUIRED TO REGISTER WITH SAM, A FEDERAL VENDOR DATABASE USED TO VALIDATE VEDNDOR INFORMATION, BEFORE REQUESTING BID DOCUMENTS. YOU CAN VISIT THEIR WEBSITE AT governmentcontractorregistration.us TO REGISTER. A DUNS NUMBER IS REQUIRED FOR REGISTRATION.

MTA NEW YORK CITY TRANSIT

Contract No. A-34024/RFQ No. 131308

**Request for Proposal
New Fare Payment System**

The Metropolitan Transportation Authority, existing under Article 5, Title 11 of the Public Authorities Law of the State of NY, and the New York City Transit Authority (NYCT), which is a public benefit corporation existing by virtue of the Public Authorities Law of the State of NY –Title 9 of Article 5, invite proposals under Contract A-34024 for a New Fare Payment System (“NFPS”) for both subway and bus operations. The NFPS requires a Contractor that is a Systems Integrator (“SI”) firm with proven capabilities in complex systems integration. The Contractor must demonstrate sufficient broad experience, have the resources, processes and project management capability to objectively select the right hardware, software and services required to ensure that the NFPS, when assembled, is fully integrated and interoperable.

The NFPS shall be an account-based system with a central backend and shall provide MTA/NYCT with an integrated, reliable and convenient fare payment and collection system to allow bus and train customers to pay fares by tapping a contactless bank card, smartphone or any mobile device, or MTA issued smart card against an electronic reader. The Contractor shall act as the designer/integrator that shall bring together a wide array of components and user interfaces to accomplish a reliable NFPS. The NFPS will replace the current MetroCard fare payment system.

The NFPS will establish the foundation for interoperability of fare payment systems among NYCT and other MTA agencies by establishing a scalable backend that will support the range of fare policies and structures offered by the agencies, such as fixed fares, zone-based fares and time-of-day pricing.

As a part of the NFPS, the Contractor will be responsible for surveying, designing, installing, integrating, testing and commissioning a TCP/IP Ethernet based communications network called Fare Control Area LAN (FCALAN) that will connect the Automated Fare Collection (AFC) equipment in all NYCT subway stations’ Fare Control Areas (FCA), including the Staten Island Railway’s (SIR) FCAs. The FCALAN will connect turnstile arrays, ADA access gates, High Entry Exit Turnstiles (HEET) and vending machines together, and to forward communications traffic from the NFPS components to the backend.

Included in this solicitation are a number of contract options covering requirements for extended backend and web hosting services, extended technical and software support services, retail point of sale network, extended customer service support, optical barcode reader, bus antenna, bus driver control unit, on-board router, and a pilot program for Select Bus Service.

Proposers are advised that the Authority is utilizing the competitively negotiated Request for Proposal solicitation procedure for this Contract. This procedure affords Proposers the opportunity to submit alternative proposals, as well as modifications to the terms and conditions and improvements to the Technical Specifications.

The Authority encourages proposals and alternative proposals that address the requirements with respect to the ability to design and implement a new fare payment system that is easy to maintain, provides the least possible

technical proposals against the requirements in the solicitation and in accordance with the evaluation criteria described herein. The Contract will be awarded to the qualified Proposer whose proposal the Authority believes will provide the best value to the Authority, applying such evaluation criteria.

All proposals will be evaluated by a Selection Committee of personnel representing the MTA/NYCT.

In order to be eligible for an award of a Contract and notwithstanding its relative qualifications for purposes of the evaluation criteria and in other respects, the Proposer must demonstrate to the satisfaction of the MTA/NYCT that it is in all respects a responsible party, i.e., that it has the integrity, skill and experience to faithfully perform the Contract, and the necessary facilities and financial resources to do the Work in accordance with the Contract Documents, and be otherwise qualified and eligible to receive an award under Applicable Laws and regulations.

In making the determination as to which proposal offers the best value to the MTA/NYCT, the MTA/NYCT will review all evaluation criteria. Accordingly, the MTA/NYCT may not necessarily make an award to the lowest priced proposal in the event that the MTA/NYCT determines that the lowest priced proposal does not offer the best value to the MTA/NYCT. Although price is not the most important evaluation criterion for this solicitation, price may be the controlling factor to the extent that competing proposals are otherwise determined to be substantially equal. In addition, the MTA/NYCT may not necessarily make the award to the Proposer with the highest technical ranking.

The MTA/NYCT will consider the following criteria in evaluating proposals, which criteria are listed in relative descending order of importance. A proposed NFPS unable to satisfy any requirement deemed essential by the Selection Committee may be eliminated from further consideration. For the purpose of selecting Proposers to proceed to negotiations, Proposers that have not been otherwise eliminated from further consideration will be initially evaluated utilizing: (i) Criterion 1, Technical Proposal and Overall Technical Qualifications; (ii) Criterion 2, Overall Project Cost; and (iii) Criterion 3, Other Relevant Matters. Those Proposers identified as being within the competitive range, with respect to such evaluation on Criteria 1, 2 and 3, will then be invited to participate in negotiations, which may result in a request for Best and Final Offers. To ensure proper consideration, proposals should be complete and contain all of the information required by this RFP, including information needed to assess the evaluation criteria described herein.

Evaluation Criteria:

Criterion 1 – Technical Proposal and Overall Technical Qualifications

(a) Proposer's relevant experience and competence in areas of expertise

- Experience and competence as a systems integrator responsible for the design, development, integration, furnishing, installation, testing and implementation of account-based fare payment systems of similar scope and complexity to the NFPS specified in this RFP that are based on open bank card payment industry standards.
- Experience in providing remote hosting of central computer systems of similar scope and complexity to the NFPS specified in this RFP, including web hosting with data redundancy, failover protection, and active disaster recovery.
- Experience in surveying, designing, installing, integrating, testing and commissioning a TCP/IP Ethernet based communications network in a transit environment with integration into an overall IP-routed wide area network.
- Experience in design and implementation of fare payment mobile applications for all major cell phone Operating System platforms and other alternative payment interfaces for the purpose of providing remote account management and Near Field Communication payment functions.
- Experience in designing and implementing retail point of sale networks for transit fare media.

- Experience in providing quality training, manuals, drawings and other documentation, warranty work services, software and technical support services, call center services, spare parts, special tools, testing services and after-market support.

(b) **Experience and qualification of the individuals proposed to perform work on the Project.**

- Experience in the implementation of full scope account-based fare payment systems of similar scope and complexity to the NFPS specified in this RFP that are based on open bank card payment industry standards, including design, integration, testing, and installation.
- Experience in Software design and development services necessary to develop the NFPS Backend, NFPS Websites and NFPS Mobile Application, and other system software requirements.
- Experience in hardware design and integration to adhere to rigorous throughput and performance requirements.
- Experience surveying, designing, installing, integrating, testing and commissioning a TCP/IP Ethernet-based communications network in a transit environment.
- Experience in designing and implementing retail point of sale networks for transit fare media.

(c) **Schedule, and Phased Implementation - The Proposer's Project schedule will be evaluated for reasonableness and its ability to facilitate achievement of the overall NFPS implementation schedule.**

- Proposer's plan to meet or reduce the maximum delivery schedule addressing capacity, current commitment and use of Subcontractors and suppliers.
- Proposer's demonstrated understanding of the challenges and complexities regarding implementation and transitioning of the NFPS while simultaneously phasing out a legacy fare payment system, reflecting the transitioning phases as described in the Technical Specifications.
- Proposer's creativity in its implementation and phase planning approach including proposing alternative paths, ideas and measures.
- Proposer's past experience in meeting delivery schedules for prior projects of similar scope and complexity to the NFPS specified in this RFP.

(d) **Concept and Design**

- Proposed NFPS compliance with the Technical Specifications and acceptable alternatives that meet the intent of the Technical Specifications, including system reliability.
- Practicality of the proposed system concept and design and its alignment with the MTA/NYCT's NFPS goals. Whether the system design is service-proven to the extent that the system components for the proposed NFPS are currently in service at other public or private entities with a system of similar scope and complexity to the NFPS specified in this RFP.
- Practicality of the proposed FCALAN design approach, including plans to mitigate impact to the overall project schedule and robustness of the technical approach.

- Practicality of the proposed plan for the retail point of sale network.

(e) **System Integration, Interoperability, Future Capabilities, Servicing & Maintainability**

- Proposer's approach to integration of system components furnished by multiple suppliers and the Proposer's approach to meeting Interface requirements, including the Application Programming Interface requirements.
- Maximization of the use of open standards for media, software design, communications protocols, and other relevant design components.
- Degree to which the proposed NFPS maximizes the use of hardware components that are Commercial Off-The-Shelf (COTS) in the United States and are readily available from multiple suppliers. For NFPS components which are not COTS in the United States, preference will be given to a design which maximizes the use of such NFPS components that are readily available and/or supported in the United States.
- The extent to which the proposed design demonstrates ease of maintaining and servicing the NFPS and its components and the availability of spare parts as well as the expected reliability of the equipment.
- Capabilities to integrate with other on-board vehicle systems, integrate with other partner and affiliate programs, and support alternative fare structures within the proposed backend, including fare capping and/or changes to the fare incentive structures.

(f) **Management Approach and Staffing Plan**

- Project Management personnel and Project Organizational Structure.
- Proposer's Project implementation approach demonstrating Proposer's understanding of the Project objectives, including realistic staffing, scheduling and staging plans.
- Proposer's plan for adherence to the Project schedule, including schedule monitoring and delay mitigation plans.
- Percentage and elements of Work the Proposer itself plans to perform and the Proposer's overall resources to facilitate expeditious execution of the Work, including the FCALAN Work.

(g) **Diversity Practices**

- Proposer's Diversity Practices as determined by the MTA/NYCT's assessment of Proposer's answers to Schedule E (Proposer Diversity Practices Questionnaire), which is primarily, though not entirely, concerned with Proposer's use of, and programs for, New York State certified Minority and Women Owned Business Enterprises. Proposer's answers to Schedule E will be scored by the MTA/NYCT at its sole discretion.

Criterion 2 – Overall Project Cost including, but not limited to:

- Proposal Price, including Pricing for the Options.
- Net cost savings and/or additions, including those resulting from proposed changes to Contract, as well as from innovations with respect to the Project schedule and phasing; and cost implications of proposed use of MTA/NYCT forces, facilities and materials. In the case of alternate or Value Engineering Proposals deemed acceptable by the Selection Committee offering reductions to the time required for Substantial Completion, the cost implications and value to the MTA/NYCT of such schedule improvements will be taken into account under this criterion.
- With respect to financing, credit may be given to Proposers for alternative financing (direct vendor financing, non-vendor financing and leasing options) made available to the MTA/NYCT. Financing rates and associated costs will be compared to a blended MTA tax exempt bond interest rate (“MTA rate”). The MTA rate is currently estimated at 2.58%. For evaluation purposes of alternative financing, the prices submitted will be evaluated in terms of the applicable net present value, and adjusted for any variations in payment terms or other items with similar cost implications.
- In evaluating Overall Project Cost, the MTA/NYCT may consider whether and to what extent a Proposal, a system, or other matter being offered contains realistic pricing.

Criterion 3 – Other Relevant matters including, but not limited to:

- Pertinent items not expressly covered and issues raised after the release of the RFP or during negotiations.
- Acceptance of the Contract terms and conditions included in this RFP or willingness to negotiate same in a timeframe consistent with the MTA/NYCT's needs.
- Quality and thoroughness of the written narrative proposal and oral presentations including description of the Work schedule.

END OF DOCUMENT

NEW YORK CITY TRANSIT AUTHORITY

Division of Materiel

NEW FARE PAYMENT SYSTEM

A-34024

ATTACHMENT A

**NON-DISCLOSURE AND
CONFIDENTIALITY AGREEMENT FORM**

AND

EXHIBIT 1

ATTACHMENT A

THE NEW YORK CITY TRANSIT AUTHORITY

NON-DISCLOSURE AND CONFIDENTIALITY AGREEMENT- PROSPECTIVE PROPOSER / CONTRACTOR

Solicitation / Contract No. A-34024

1. This Confidentiality Agreement shall govern the disclosure to and use by _____ (“Prospective Proposer / Contractor”), of all NYCT Security Sensitive Information Materials provided by the New York City Transit Authority (“The NYCT”), as well as any work product developed by the Prospective Proposer / Contractor.
2. For purposes of this Agreement, “The NYCT” may designate, as Security Sensitive those documents and materials that are marked “NYCT Security Sensitive Information”, to be confidential or sensitive in nature and not releasable to the public. Such documents may include but not limited to, plans, drawings, specifications, photographs, videotapes, or other such documents of any nature or description, that pertain to “The NYCT” owned and/or operated facilities.
3. These Protected Materials are to be disclosed by the Prospective Proposer / Contractor only to those persons or entities as explicitly authorized to view these Protected Materials on behalf of the Prospective Proposer / Contractor as set forth in Exhibit 1 (during Solicitation and Contract Performance) respectively, which are attached and made a part of this agreement. A complete Appendix A of this agreement shall be submitted with the Proposal and Appendix B shall be submitted after the Contract is awarded.
4. Prospective Proposer / Contractor agrees to the following:
 - a) That all “The NYCT” documents marked “NYCT Security Sensitive Information” and made available to the Prospective Proposer / Contractor and its employees, shall be kept safe, secure, and confidential at all times.
 - b) Prospective Proposer / Contractor represents that all such documents pertaining to the solicitation, shall be relinquished to “The NYCT” upon request. Apparent qualified Proposers may be directed in writing by the NYCT to retain these documents until further notice. After the Contract is awarded, the Awardee warrants that all NYCT Security Sensitive

Information pertaining to the Contract shall be relinquished to the NYCT at the completion of the Contract unless it has been requested by NYCT to be retained by the Contractor. Contractor further warrants that its employees, consultants, sub-consultants, Subcontractors and agents shall not retain any of the materials containing NYCT Security Sensitive Information or copies of such materials from the Solicitation or after the end of the Project Work. This includes any notes, photographs, renderings whether manual or electronic, sketches, scans, or diagram that may have been made by the Contractor or its consultants, sub-consultants, Subcontractors and agents using "the NYCT" documents.

- c) Within seven (7) days after execution of this agreement, Contractor shall state in writing, to the Designated Point of Contact, where the documents used for the solicitation process are kept and the methods and safeguards the Prospective Proposer / Contractor will undertake to prevent any unauthorized access or duplication of the "the NYCT Security Sensitive Information" documents, during the time period that these materials are in its possession. Within seven (7) days after Contract award the Contractor shall advise the Engineer in writing where the documents to be used during the Project Work are kept and the methods and safeguards the Contractor will undertake in order to prevent any unauthorized access or duplication of the "the NYCT Security Sensitive Information" documents during the time period that these materials are in its possession.
5. In the event that any unauthorized persons or entities to whom the NYCT Security Sensitive Information is disclosed, ceases to be engaged during the proposal evaluation process or during the Project Work, access to NYCT Security Sensitive Information shall be terminated by the prospective Proposer / Contractor, as applicable and the "The NYCT" shall be notified of the same in writing. Contractor shall ensure that such person will relinquish all NYCT Security Sensitive Information to the prospective Proposer / Contractor.
6. The NYCT shall create an inventory of all Materials containing NYCT Security Sensitive Information being provided to the prospective Proposer / Contractor for control purposes. After completion of the Solicitation, all materials relinquished to NYCT (Procurement Manager) by the prospective Proposer / Contractor shall be checked against the inventory. During the Project Work, all material containing NYCT Security Sensitive Information used by the Contractor shall be periodically checked by NYCT against the inventory list. At the end of the Contract, all material relinquished to NYCT will be checked against the inventory. All copies of the checked inventory during solicitation and the project work shall be forwarded to "The NYCT".
7. Nothing contained in this Agreement shall create any relationship between the "The NYCT" and any Third Party. Further, nothing in this Agreement

shall create any rights for any third party nor any obligation on the part of the "The NYCT" to any third party, including but not limited to the Contractors.

8. The NYCT reserves the right to periodically audit the Contractors' security practices during the solicitation process or during the Project Work to ensure that they are in compliance with the procedures.

The contents of the materials that contain NYCT Security Sensitive Information shall not be disclosed to anyone other than in accordance with this Agreement.

THIS AGREEMENT HAS BEEN DULY EXECUTED THIS _____ day of _____, 20____.

By _____

On behalf _____)
(Contractor)

Print name and title of Authorized Officer

Contractor Federal ID number (EIN)

Solicitation No. A-34024

**VERIFICATION AND ACKNOWLEDGEMENT
(CONFIDENTIALITY AGREEMENT-CONTRACTOR)**

STATE OF _____
COUNTY OF _____

On the _____ day of _____ 20__ before me
personally came and appeared _____ by me
known to be said person, who swore under oath as follows:

1. He/she is _____ (print title)
of _____ (firm / entity).
2. He/she is duly authorized to sign this Confidentiality Agreement on behalf
of _____ (firm / entity), and duly
signed this document pursuant to said authorization.

Sworn to before me the _____ day of
_____, 20__.

NOTARY STAMP AND
SIGNATURE

Exhibit 1

Solicitation/Contract No. A-34024

Entities Authorized to view protected materials

1. Contractor Name: _____ Federal ID# _____
Address: _____
Contact: _____ Phone Number: _____

2. Contractor Name: _____ Federal ID# _____
Address: _____
Contact: _____ Phone Number: _____

3. Contractor Name: _____ Federal ID# _____
Address: _____
Contact: _____ Phone Number: _____

4. Contractor Name: _____ Federal ID# _____
Address: _____
Contact: _____ Phone Number: _____

5. Contractor Name: _____ Federal ID# _____
Address: _____
Contact: _____ Phone Number: _____

6. Contractor Name: _____ Federal ID# _____
Address: _____
Contact: _____ Phone Number: _____

NEW YORK CITY TRANSIT AUTHORITY

Division of Materiel

NEW FARE PAYMENT SYSTEM

A-34024

ATTACHMENT B

**INFORMATION AND RESPONSIBILITY
REQUEST FORM**

ATTACHMENT B

**INFORMATION AND RESPONSIBILITY REQUEST FORM
THE NEW YORK CITY TRANSIT AUTHORITY**

SOLICITATION NO. A-34024

Vendor's Full Legal Name: _____

Form of legal entity: _____ * (corporation,
partnership, joint venture, sole proprietorship, etc.)

Organized in: _____ (state or country
under whose laws Contractor is organized)

Authorized Officer: _____
(Print)

IRS Federal Taxpayer Identification Number: _____

DUNS Number: _____

Mailing Address: _____

Telephone Number: _____

Fax Number: _____

A Copy of Vendor's Business License is Attached

* If the Prospective Proposer / Contractor is a corporation, an affidavit must be submitted with the questionnaire showing the names and addresses of the directors and principal officers. The full legal title must be given here and a certified copy of the certificate of incorporation must be submitted together with the names and addresses of the directors and principal officers. If the Prospective Proposer / Contractor is a foreign corporation, proof must be submitted of its Authority to transact business in the State of New York. If the Prospective Proposer / Contractor is a partnership or a Joint Venture, the above blank must be filled in the following form: "the firm of A.B. & Co., composed of A., B., C., D., etc." (giving the names of all the partners or firms).

The NYCT reserves the right to inquire further with respect to Contractor's response, and Contractor consents to such further inquiry and agrees to furnish all relevant documents and information as requested by the NYCT.

ATTACHMENT B (cont'd)

**VERIFICATION AND ACKNOWLEDGMENT
(INFORMATION TO BE FURNISHED BY CONTRACTOR)**

PROPOSER must sign here: _____
(Signature of Authorized Officer)

STATE OF _____
COUNTY OF _____

On the _____ day of _____, 20____, before me
personally came and appeared _____ by me
known to be said person, who swore under oath as follows:

1. He/she is duly authorized to sign this questionnaire on behalf of said firm and duly signed this document pursuant to said authorization.
2. He/she is duly authorized to sign this questionnaire on behalf of said firm and duly signed this document pursuant to said authorization.
3. The answers to the questions set forth in this questionnaire and the representations set forth in this questionnaire are true, accurate and complete.
4. He/she acknowledged and understands that the questionnaire includes provisions which are deemed included in the Contract if award to the firm.

Sworn to before me the _____ day of _____, 20____

Notary's Stamp and Signature. _____