



**Washington
Metropolitan Area
Transit Authority**

600 Fifth Street, NW
Washington, D.C. 20001
202/962-1234

By Metrorail:
Judiciary Square-Red Line
Gallery Place-Chinatown
Red, Green and
Yellow Lines

A District of Columbia
Maryland and Virginia
Transit Partnership

Agenda

IFB No. FQ14005/RLJ
Replace Five Chillers
Crystal City, Metro Center and Potomac Avenue Metrorail Stations
DC and VA
Washington Metropolitan Area Transit Authority
600 Fifth Street, NW
Washington, DC 20001
Room Lobby Level Board Room
May 6, 2015, 8:00 am

1. Handouts

1	Agenda
2	Disclaimer regarding changes to the solicitation
3	Question Form
4	Care in Bid Letter
5	Technical Presentation (On 05/08/15 will be posted on www.wmata.com)
6	Pre Bid Conference Attendees List (On 05/08/15 will be posted on www.wmata.com)

2. Welcome and Introduction of Authority Speakers

Robert Jones	Contract Administrator Office of Procurement and Materials	rljones2@wmata.com 202-962-1911 Fax 202-962-6120
Phillip Barrett, Jr.	Vendor Relations Representative Office of Procurement and Materials	pbarrettjr@wmata.com 202-962-1408,
Ms. Tinuade Akinshola	DBE Compliance and Compliance Specialist Office of Procurement and Materials	tsakinshola@wmata.com or 301-955-5185
Anthony (Don) Gilmour	Construction Safety Liaison Officer, Office of Safety and Risk Protection	Do not contact
Jim Hamilton	Insurance Manager	
Lisle Oliver Mark Magnussen	Construction Engineer Project Manager	

Safety Talk: Hydration and Dehydration (If you feel thirsty you are already dehydrated).

IMPORTANT NOTICE

Disclaimer regarding changes to the solicitation

REMARKS AND EXPLANATIONS AT THIS Pre-Bid CONFERENCE SHALL NOT QUALIFY THE TERMS OF THE SOLICITATION. ALL CONFEREES ARE ADVISED THAT UNLESS THE SOLICITATION IS AMENDED IN WRITING, IT WILL REMAIN UNCHANGED AND THAT IF AN AMENDMENT IS ISSUED, NORMAL PROCEDURES RELATING TO THE ACKNOWLEDGMENT AND RECEIPT OF SOLICITATION AMENDMENTS SHALL BE APPLIED

Doing Business With WMATA	http://www.wmata.com/business/
Disadvantage Business Enterprise	http://www.wmata.com/business/disadvantaged_business_enterprise/ http://www.wmata.com/business/disadvantaged_business_enterprise/dbe_search.cfm
Vendor Registration	http://www.wmata.com/business/procurement_and_contracting/vendor_registration.cfm
Solicitation Posting	http://www.wmata.com/business/procurement_and_contracting/solicitations/index.cfm
Virginia Contractor License	http://www.dpor.virginia.gov/Boards/Contractors/ http://www.dpor.virginia.gov/LicenseLookup/

4. Publicizing and Posting of the Solicitation.....Robert Jones

- a. IFB, Amendment(s), Pre Bid Conference Materials distribution (PDF format) - No charge from the WMATA website http://www.wmata.com/business/procurement_and_contracting/solicitations/index.cfm.

IFB has three volumes

- a. Volume 1, Bidding and Contracting Requirements
 - b. Volume 2, Technical Provisions
 - c. Volume 3, Drawings
- b. In order to avoid download problems, please immediately download the latest version of Adobe Acrobat Reader (Currently Version XI (11)) available for free at <http://get.adobe.com/reader/>

5. WMATA Vendor Registration SystemPhillip Barrett, Jr.

- a. Free registration and updates for all firms.
1. Current vendors
 - a. Should self-update company information
 2. New vendors
 - a. Must complete self-registration
 - b. User Id's and password are part of self registration
- d. Vendor Relations - Phillip Barrett, Jr at pbarrettjr@wmata.com , please copy Robert Jones at rljones2@wmata.com . Vendor Relations Hotline - 202-962-1408

6. Solicitation IssuesRobert Jones

- a. Standard disclaimer that Pre-Bid Conference explanations do not qualify the terms of the solicitation and specifications. Changes to the solicitation can only be made by an amendment executed by the Contracting Officer.
- b. Structure of Contract
- 1 Firm fixed price
 2. Single contract award

- c. Solicitation Instructions
 - 1. SI 12, Bidders Qualifications
 - 2. SI 13, Award of Contract
 - 3. SI 14, Pre-Award Information
 - 4. SI 21, Davis Bacon Wage Determination
 - 5. SI 22, Bid guarantee requirements
 - 6. SI 23, Licenses
 - A. If work is performed in Virginia, Commonwealth of Virginia Contractor Class A licenses are required for all prime, joint venture, and subcontractors
 - 1. License must be valid on bid date to submit a bid (and for WMATA to accept a bid)
 - 2. No firm may use, rely, etc any other firm's license.
- d. Amendments
 - 1. Amendments are the only method of changing the IFB contents.
 - 2. Possible wage rate changes, technical changes, scope changes, etc.
 - 3. Amendments must be downloaded from the www.wmata.com And www.fbo.gov in the same location as the IFB.
 - 4. Contact Robert Jones to confirm number of amendments at rjones2@wmata.com (preferred), fax 202-962-6120, or phone 202-962-1911 .
- e. Review the Notes to Bidders
- f. Warranty, Maintenance and Service.
 - a. Warranty of Construction – Refer to Technical Provisions 01000
 - 1. Two (2) years after substantial completion for all components.
 - 2. Up to five (5) years for parts, labor, and refrigerant warranty and preventative maintenance service.
 - b. Maintenance Refer to Technical Provisions 01000
 - c. Service – Refer to Technical Provisions 01000
- g. DBE ParticipationTinuade Akinshola
 - 1. DBE Goal - **16%**
 - 2. DBE online vendor directory
 - a. 238910 Demolition
 - b. 333415 Chiller Manufacturer
 - c. 238220 Plumbing, Heating and Air conditioning Contractor
 - d. 238210 Electrical Contractor
 - 3. WMATA DBE Disclosure Affidavit
 - 4. DBE Manufacturer's Affidavit
 - 5. Schedule B Information for Determining Joint Venture Eligibility
 - 6. Certification letter of the DBE regular dealer/supplier,
 - 7. DBE Unavailability
 - 8. DBE and non-DBE Contractors are invited to confer after the Pre Bid Conference.
- h. **Buy America Act Certification (Not to be confused with Buy American)**

Bidders should be fully cognizant regarding BUY AMERICA and be prepare to submit not only a BUY AMERICA certificate but actual proof of compliance including parts and assembly. This information will be required with the Pre Award Data submitted by the Apparent Low Bidder.

The applicable Buy America Certificate for this solicitation is **“Certification requirement for procurement of**

steel, iron, or manufactured products.”

http://www.fta.dot.gov/legislation_law/12921.html

This project is funded by the Federal Transit Administration. The Buy America requirements apply to federally assisted construction contracts, and acquisition of goods or rolling stock contracts valued at more than \$100,000.

(a) By submission of this offer, the offeror certifies, and in the case of a joint offer, each party thereto certifies as to its own organization, that in connection with this procurement it will comply with 49 U.S.C. 5323(j) and 49 C.F.R. Part 661, which provide that Federal funds may not be obligated unless steel, iron, and manufactured products used in FTA-funded projects are produced in the United States, unless a waiver has been granted by FTA or the product is subject to a general waiver. General waivers are listed in 49 C.F.R. 661.7 Separate requirements for rolling stock are set out at 49 U.S.C. 5323(j)(2)© and 49 C.F.R. 661.11.

(b) An offeror must submit to the Authority the appropriate Buy America certification (below) with all bids or offers on FTA-funded contracts, except those subject to a general waiver. Offers that are not accompanied by a completed Buy America certification must be rejected as nonresponsive.

(b) An offeror must submit to the Authority the appropriate Buy America certification with all bids or offers on FTA-funded contracts, except those subject to a general waiver. Offers that are not accompanied by a completed Buy America certification must be rejected as nonresponsive.

I. Bid Envelope

1. Name of Firm
2. IFB No.
3. Number of Amendments Received
4. Virginia Contractor License Number (if applicable)

j. Bid Contents (inside the bid envelope)

1. Bid Envelope
2. Bid Form (2 pages)
3. Representations and Certifications
4. Unit Price Schedule
5. Bid Bond
7. Schedule of DBE Participation
8. Letter(s) of Intent to Perform as a Subcontractor /Joint Venture
9. If applicable, DBE Unavailability

k. Do not do the following

- a. Qualify your bid
- b. Alter the bidding documents
- c. Place non-bid items in the envelope

7. Special Conditions Robert Jones/Jim Hamilton/Don Gilmour

a. 2.1 Commencement, Prosecution, and Completion of the work

b. Phasing

1. The work will be performed in two (2) construction phases.

2.1.4 Work Hours

2.1.5 Work area access

1. Metro Center
2. Crystal City
3. Potomac

2.1.6 Work Restrictions

- b. 2.2 Liquidated Damages, Final, \$856.84 per calendar day
- c. 2.3 Contracts and Bonds. Also, see Notes to Offerors
- d. 2.6 Work to be performed by the contractor -30%
- e. 2.13 Indemnification and Insurance
- f. 2.15 Safety/Environmental Requirements
 - B. Category II -Safety Superintendent
- f. 2.29 and Appendix D Wage Rates
- g. 2.43 Contractor's Employees
- h. 2.44 Hours of Work
- j. 2.54 Licenses

GP 1.75 Availability of Funds For the Next Fiscal Years

Funds are not presently available for performance under this contract beyond the fiscal year which ends June 30, 2015. The Authority's obligation for performance of this contract beyond that date is contingent upon the availability of funds from which payment for contract purposes can be made. No legal liability on the part of the Authority for any payment may arise for performance under this contract until funds are made available to the Contracting Officer for performance and until the Contractor receives notice of availability, to be confirmed in writing, by the Contracting Officer. Any option exercised by the Authority which will be performed in whole or in part in a subsequent fiscal year is subject to availability of funds in the subsequent fiscal year and will be governed by the terms of this provision.

8. Contractor Employees.....Robert Jones
 - a. Qualifications
 - b. Background checks
 - c. Railroad Safety Training
 - d. WMATA Contractor Identification badges
9. Site Specific Work PlansRobert Jones
 - a. Appendix F
10. Care in Bid LetterRobert Jones
11. Technical Presentation Lisle Oliver
 - a. Overview of the work
 - b. PowerPoint Presentation
12. Questions Must be submitted in writing. Complete the Question forms that were provided to the attendees and give to Robert Jones. Any post Pre Proposal Conference questions should use the same form.

Any questions regarding the solicitation should be made in writing to the Contracting Officer no later than five (5) business days prior to the bid opening.
13. Distribution of Pre Bid Conference Handout and Attendees list.....Robert Jones

- A. Handout was given to all attendees at start of meeting
 - B. Handout and Attendees list will be posted be posted on www.wmata.com along with the solicitation by COB on Friday, May 8, 2015
14. DBE, non-DBE Prime Contractors, and subcontractors are invited to confer after the Pre Bid Conference

IFB No. FQ14005/RLJ

Replace Five Chillers
Crystal City, Metro Center and Potomac Avenue Metrorail Stations
DC and VA
Pre-Bid Questions

To: Robert Jones, Contract Administrator
Office of Procurement and Materials
600 Fifth Street, NW
Room 4B
Washington, DC 20001
rljones2@wmata.com (Strongly preferred)
Fax 202-962-6120 (If faxed, call or email to notify of fax)

From:

Name	Title	Telephone
Affiliation		Fax
Street Address		E mail
City	State	Zip Code

Reference (Technical Provision Page Number, etc.).

Question:



IFB FQ14005/RLJ Chiller Replacements, DC and VA Technical Presentation

Presented : Pre-Bid Conference

May 06, 2015





IFB FQ14005/RLJ – Chiller Replacements, DC and VA

Presented by:

- Lisle Oliver
Construction Engineer, CPDO





IFB FQ14005/RLJ – Chiller Replacements, DC and VA OVERVIEW

PROJECT OVERVIEW

- Program consists of the replacement of five water-cooled chillers, two at Metro Center Chiller Plant, two at Potomac Avenue Chiller Plant and one at Crystal City Chiller Plant.
- Contract duration: NTP to May 15, 2017



IFB FQ14005/RLJ – Chiller Replacements, DC and VA Rigging



IFB FQ14003/RLJ – Chiller Replacements, DC and MD Rigging (Cont'd)



IFB FQ14003/RLJ – Chiller Replacements, DC and MD _Rigging (Cont'd)





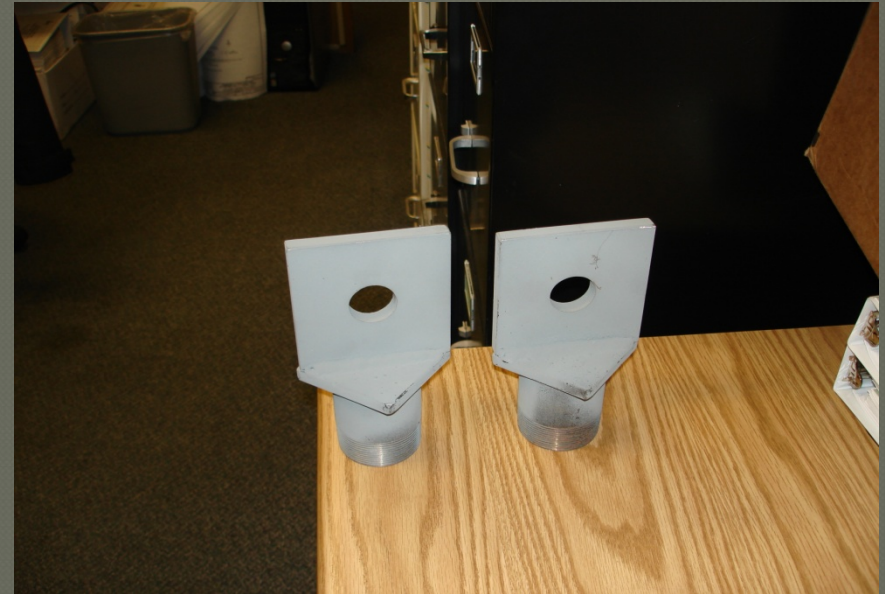
IFB FQ14005/RLJ – Chiller Replacements, DC and VA Rigging (Cont'd)



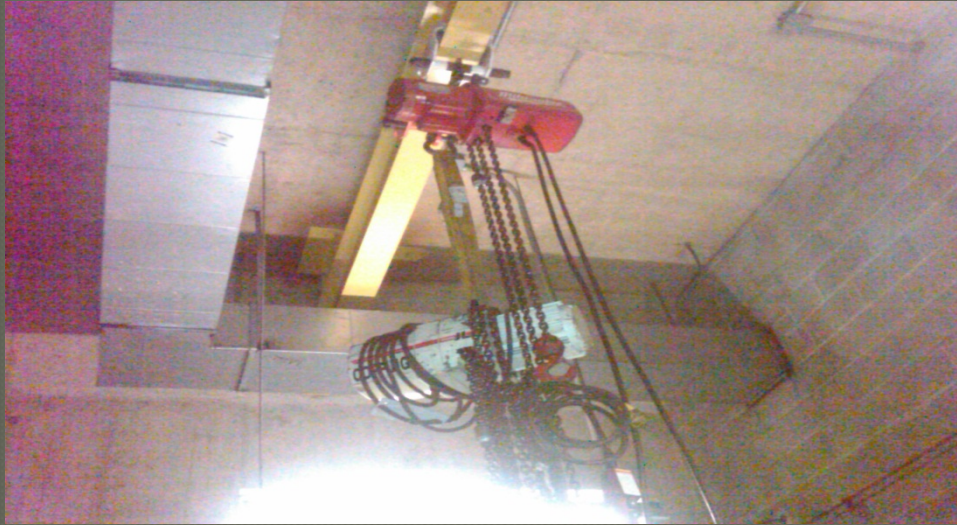
IFB FQ14005/RLJ – Chiller Replacements, DC and VA



● Access Panels, Grating & Skates



IFB FQ14005/RLJ – Chiller Replacements, DC and VA



- Contractor can no longer use existing lifting eye load capacity without verification of lifting capacity and approval from SAFE.

- Beams & Lifting Eye Load Capacity



IFB FQ14005/RLJ – Chiller Replacements, DC and VA

- Breakers
- Switch Orders
- Pig Tales



IFB FQ14005/RLJ – Chiller Replacements, DC and VA

Metro Center Cooling Towers located on the roof of Washington Marriott at Metro Center

Entrance to Chiller Plant located thru the underground Parking lot entrance



IFB FQ14005/RLJ – Chiller Replacements, DC and VA

- More pictures at Metro Center



Equipment Delivery Method



IFB FQ14005/RLJ – Chiller Replacements, DC and VA

- Potomac Avenue Chiller
- Plant located at 13 th
- Street & Pennsylvania
- Avenue S.E.



Recently installed Nalco chemical treatment system



Interior of Chiller plant



IFB FQ14005/RLJ – Chiller Replacements, DC and VA

- Crystal City Cooling
- Tower located on Rooftop
- of Vornado building
- (Charles E. Smith)



Chiller plant located Mezzanine level Metrorail Station



Equipment delivery track-level



IFB FQ14005/RLJ – Chiller Replacements, DC and VA Welding, Cutting & Grinding

- All welding & grinding must be approved by SAFE Department.
- All welding & grinding must be stopped 1 hour before the Contractor ends daily work shift and fire watch must be established during this time.
- Smoke detectors will be disabled during each work shift to allow the Contractor to weld, cut and grind.
- Per SAFE approval, micro-traps can be used to allow welding , cutting and grinding during revenue hours (Contractor must submit a written request and submittal).



IFB FQ14005/RLJ – Chiller Replacements, DC and VA Micro-Traps



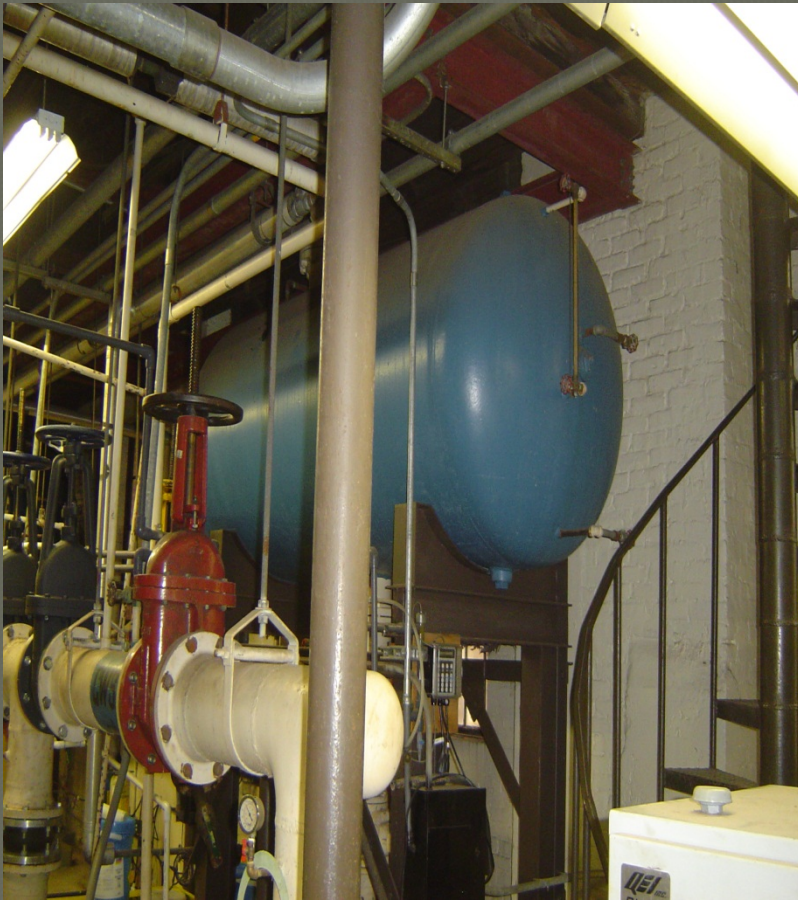


IFB FQ14005/RLJ – Chiller Replacements, DC and VA

Crystal City Site



IFB FQ14005/RLJ – Chiller Replacements, DC and VA Potomac Avenue site



Expansion Tank to be replaced



New chemical treatment system



Entrance to Chiller plant in
sub-level underground park-
ing Garage



New Nalco chemical treatment
System to remain

IFB FQ14005/RLJ – Chiller Replacements, DC and VA Metro Center Site – Cont'd



Interior view of entrance to
Chiller plant showing platform
and stairs leading to floor of plant



Existing chiller located in mechanical
equipment room

IFB FQ14005/RLJ – Chiller Replacements, DC and VA HOUSEKEEPING

