



REQUEST FOR INFORMATION AND EXPRESSIONS OF INTEREST
For
SALE OF JET TURBINE ELECTRIC GENERATING FACILITY
ASSETS

(RFI Number 23-AUTH-002)

Materials Innovation and Recycling Authority
300 Maxim Road
Hartford, Connecticut 06114

Section 1: Overview , Background and Scope

Overview

The Materials Innovation and Recycling Authority (“MIRA”) is a State of Connecticut (“State”) quasi-public entity created pursuant to Public Act 14- 94. MIRA is responsible for the planning, design, construction, financing, management, operation and maintenance of solid waste disposal, volume reduction, resource recovery and related facilities considered to be necessary, desirable, convenient or appropriate in carrying out the State’s solid waste management plan.

In July 2022, MIRA made the decision to close its Resource Recovery Facility (“RRF”) located in Hartford, Connecticut, one of the facilities owned by MIRA. Ancillary to that Resource Recovery Facility is a Jet-Turbine Peaking Facility (the “JTF”) which MIRA acquired from Connecticut Light and Power in 2001 when it acquired the RRF site. The JTF has historically provided supplemental revenue used to support MIRA’s core business of providing waste management services.

After June 1, 2023, MIRA plans to conduct one or more public solicitations for the sale of assets related to MIRA’s Jet Turbine Facility. Via this current Request for Information and Expressions of Interest (“RFI”), MIRA seeks to accomplish 3 goals related to the upcoming public solicitation(s) for sale of JTF assets.

- Public notice regarding final operation of the Jet Turbines (Further detailed in Section 2);
- Request for Expressions of Interest both to witness one or more final operation of JTF and to receive announcements regarding upcoming public solicitation(s) related to the sale of JTF assets (as detailed in Section 3); and
- Request for Information related to upcoming public solicitation(s) related to the JTF assets (as detailed in Section 4)

About the JTF

The JTF is composed of eight (8) identical Pratt and Whitney FT4A-9 turbine engines, which are configured into four (4) power generation twin-packs). These twin-packs are designated by ISO New England as Units 572, 573, 574 and 575 respectively. Collectively they have a qualified capacity of 148.493 Megawatts for the Capacity Commitment Period ending May 31, 2023.

The JTF is currently operated pursuant to a comprehensive operation and maintenance agreement between MIRA and NAES Corporation (the “JTF O&M Agreement”). The JTF units will be delisted from ISO-NE at the end of May 31, 2023 and the t JTF O&M Agreement expires June 30, 2023.

Additional information about the JTF is included as Attachment 1 to this RFI.

Section 2: Notice Of Final JTF Operations

This RFI serves as public notice regarding final operation of the JTF units. In accordance with the Trading Order under which the JTF facility operates, the JTF will no longer be permitted to operate after May 31, 2023 and the JTF units have therefore been delisted as of that date.

Any firm(s) interested in participating in future public solicitation(s) for the sale of the assets associated with the JTF who wants to see the JTF while it is operating should complete an expression of interest as specified in Section 3 of this RFI as soon as possible in order to observe one of the final operations of the JTF from a designated location and obtain available operational performance data.

In addition to potentially being called by ISO-NE in the real time, capacity and reserve markets, between now and May 31st, MIRA may proactively operate the jets in the real time market at dates MIRA in its sole discretion deems to be in its best interest – in order to minimize any residual fuel left in the tank after May 31 and/or provide an opportunity to observe their operation. Because these operations will be in the real time market, advanced notice may be limited (in some cases less than 24 hours) and will be restricted those firms who submit an Expression of Interest as specified in Section 3.

Section 3: Expression of Interest

Firms interested in any upcoming public solicitations regarding disposition of the JTF assets, who have a corresponding interest in viewing any of the Final JTF Runs (as specified in Section 2 of this RFI) should provide their contact information in writing to MIRA as soon as possible following publication of this RFI. Any firm wishing to submit such Expression of Interest (each firm being a “Respondent”) should respond by writing or e-mailing MIRA’s Supply Chain Manager as follows:

Mr. Roger Guzowski
Supply Chain Manager
Materials Innovation and Recycling Authority
(860) 757-7703
rguzowski@ctmira.org
300 Maxim Road
Hartford, CT 06114

In their Expression of Interest (if responding by email, please include the subject “JTF Expression of Interest”), the required contact information includes:

- The interested Firm’s full legal name and address; and
- The name, title, telephone number and e-mail address of the interested Firm’s contact person.

- Indicate if interested in observing a final operation of the JTF including any desired performance data.

MIRA's intent in obtaining this Expression of Interest information is two-fold:

- While not mandatory to participate in future public solicitations regarding the disposition of the JTF and/or its assets, MIRA will use the Expression of Interest contact information to notify Respondents regarding the availability of any such public solicitation for the disposition of the JTF assets between now and June 30, 2024; and
- If received prior to any of the Final JTF operations (as specified in **Section 2** of this RFI), MIRA will use the Respondent's contact information to provide advanced notice, to the degree practicable, of any final operations of the JTF.

Section 4: Request for Information

Attachment 1 of this RFI provides information about the JTF.

By way of this Section 4, MIRA is providing an opportunity for potential respondents to future public solicitation(s) regarding the JTF assets ("Future JTF Solicitation(s)") to request that specific additional information not already included in Attachment 1 be included in any such Future JTF Solicitation(s). MIRA's goal in this Section 4 is to ensure to the degree practicable that it has sufficient time to prepare adequate information which would facilitate each potential respondent's ability to participate in such Future JTF Solicitation(s). MIRA makes no guarantee that any requested information is available or will be included in any Future JTF Solicitation(s), but will make commercially reasonable efforts to fulfill such requests. A Firm's response in this Section 4 is not mandatory to participate in any Future JTF Solicitation.

Any requests for information as specified in this Section 4 should be submitted in writing (either an electronic copy send via email or a printed copy sent via mail) to MIRA's Supply Chain Manager as follows:

Mr. Roger Guzowski
Supply Chain Manager
Materials Innovation and Recycling Authority
(860) 757-7703
rguzowski@ctmira.org
300 Maxim Road
Hartford, CT 06114

Any requested information that is made available in any Future JTF Solicitations will be made available to all potential respondents.

[End of RFI – Attachment follows]

CONNECTICUT SOLID WASTE SYSTEMS JET TURBINE FACILITY INSTALLATION, REPAIR AND TEST DATES LAST UPDATED - 04/24/23							
LOCATION	COMPONENT	S/N	MOST RECENT DATE				COMMENTS
			OVERHAULED	INSTALLED	STACK TESTED	HOT SECTION INSPECTED	
11A	GG	675102	4/20/2002	not available	10/22/2019	4/15/2019	
	CW FT	600104	4/24/2000	9/18/2009			Disassembled and inspected + other work after external lube oil hose rupture and fire
11B	GG	685076	not available	2/11/2020	9/25/2020	4/15/2019	Servicable Engine From WGPW
	CCW FT	600213	2/27/2020	7/23/2020			F/T Overhauled by World Wide Turbines
12A	GG	675209	7/25/1997	not available	10/23/2019	4/22/2019	
	CW FT	600025	9/23/2011	4/4/2013			
12B	GG	675914	Unknown	8/31/2021	Due 8/31/22	Unknown	WGPW engine (Our spare) 675914 replaced 675357 which was vibrating
	CCW FT	600214	12/5/2011	8/27/2013			
13A	GG	675336	12/13/2000	not available	10/24/2019	4/29/2019	
	CW FT	600212	10/6/2010	10/28/2010			
13B	GG	675146	2/19/2007	1/25/2017	10/24/2019	5/1/2019	Purchased from Johnson Turbine Support with 279.2 hours since overhaul
	CCW FT	600281	9/3/2009	9/27/2009			
U13 GEN	FIELD	n/a	10/1/1990	not available			Rewound field
14A	GG	675339	8/10/2006	not available	10/25/2019	5/6/2019	Rebuilt after low compressor failure while in U11B
	CW FT	600210	9/12/2003	not available			Oil tube failure
14B	GG	675256	1/6/1999	not available	10/25/2019	5/6/2019	
	CCW FT	600216	7/15/2010	4/28/2011			
U14 GEN	FIELD & STATOR	n/a	2/9/2017				Field rewound with new copper, stator cleaned, painted and re-wedged One stator bar replaced
SPARE	GG	662126	3/8/2022	not installed	n/a		Received 3/8/22 From PCS&E (IGT Spares) Serviceable Engine
SPARE	CCW FT	600215	3/16/2021	not installed			Over Hauled by PCS&E, delivered to NAES 3/16/21
SPARE	CW FT	600024	3/7/2011	not installed			

Notes regarding component abbreviations:

CW FT is abbreviation for clockwise free turbine

CCW FT is abbreviation for counter-clockwise free turbine

GG is abbreviation for Gas Generator (the actual Pratt and Whitney jet engine which generates exhaust gas that turns the free turbine)