



MEMORANDUM

TO: MIRA Board of Directors
FROM: Donald S. Stein, Chairman
DATE: November 4, 2021
RE: Notice of Regular Telephonic Meeting

There will be a *regular telephonic* meeting of the Board of Directors of the Materials Innovation and Recycling Authority (MIRA) on *Wednesday, November 10, 2021 at 9:30 a.m.*

Members of the public may attend the meeting in person in the board room at MIRA headquarters (masks required), or may attend the meeting telephonically by calling (929) 205-6099, entering Meeting ID: 854 9703 9926, and entering Passcode: 165939# when prompted.

The purpose of this meeting will be:

- I. Pledge of Allegiance
- II. Public Comment – A ½ hour public portion will be held and the Board will accept written testimony and allow individuals to speak for a limit of three minutes.
- III. Review and Approve – Minutes of the October 13, 2021 Regular Board Meeting (*Attachment 1*).
- IV. Finance Committee Report
- V. Policies and Procurement Committee Report – No Report
- VI. OS & HR Committee Report
- VII. Chairman's and President's Report
 - a. Attached Supplemental Information / Other Matters
- VIII. Board Action will be sought for a Resolution Regarding an increase of greater than \$50,000 to the existing Agreement for Waste Transportation and Transfer Station Operation and Maintenance Services at the Torrington Transfer Station (*Attachment 2*).
- IX. Executive Session to discuss:
 - a. Pending RFPs and Feasibility Estimates and Evaluations relative to prospective public supply

contracts, including MIRA RFP's and prospective contracts for Connecticut Solid Waste System transfer facilities, transportation and disposal of acceptable solid waste at alternate disposal facilities and operation of MIRA's Jets and the potential impact of same upon MIRA operating and capital budgets and its Municipal Service Agreements.

TAB 1

MATERIALS INNOVATION AND RECYCLING AUTHORITY

FIVE HUNDRED AND THIRTY-SIX

OCTOBER 13, 2021

A Regular Telephonic (Zoom) Board meeting of the Materials Innovation and Recycling Authority Board of Directors was held on Wednesday, October 13, 2021. Present via audio or video conferencing were:

Directors:

Chairman Stein
Jim Hayden
Carl Fortuna, Jr.
Susan Weisselberg
Bert Hunter
Suzette DeBeatham-Brown
Ed Bailey (arrived 9:40)
Tom Swarr

Present from MIRA:

Tom Kirk, President
Mark Daley, Chief Financial Officer
Laurie Hunt, Director of Legal Services
Peter Egan, Director of Operations and Environmental Affairs
Thomas Gaffey, Director of Recycling & Enforcement
Cheryl Kaminsky, Manager of Accounting and Financial Reporting
Dave Bodendorf, Senior Environmental Engineer
Roger Guzowski, Contract and Procurement Manager
Tina Mateo, Assistant Director of Budget & Cash Management

Others Present:

Ann Catino, Halloran & Sage

Chairman Stein called the meeting officially to order at 9:35 a.m. and said that a quorum was present.

PUBLIC PORTION

Chairman Stein said the agenda allowed for a public portion in which the Board would accept written testimony and allow individuals to speak for a limit of three minutes. As there were no members of the public who wished to address the Board, the meeting commenced.

1. Approval of the Minutes of the September 22, 2021 Board Meeting.

Chairman Stein requested a motion to accept the minutes of the September 22, 2021 Board meeting. The motion to approve the minutes was made by Director Weisselberg and seconded by Director Hunter.

The motion previously made and seconded was approved by roll call vote. Chairman Stein, Director Hayden, Director Fortuna, Director Weisselberg, Director Hunter, Director Brown, and Ad Hoc Swarr voted yes.

Directors	Aye	Nay	Abstain
Chairman Stein	X		
Jim Hayden	X		
Carl Fortuna	X		
Susan Weisselberg	X		
Bert Hunter	X		
Suzette DeBeatham-Brown	X		
Ed Bailey			
Ad Hoc Members	Aye	Nay	Abstain
Tom Swarr	X		

2. Motion to Add an Item to the Agenda.

Chairman Stein requested a motion to add an item regarding a new Vice Chairman of the Board to the agenda. The motion was made by Director Hunter and seconded by Director Fortuna.

The motion previously made and seconded was approved by roll call vote. Chairman Stein, Director Hayden, Director Fortuna, Director Weisselberg, Director Hunter, Director Brown, Director Bailey, and Ad Hoc Swarr voted yes.

Directors	Aye	Nay	Abstain
Chairman Stein	X		
Jim Hayden	X		
Carl Fortuna	X		
Susan Weisselberg	X		
Bert Hunter	X		
Suzette DeBeatham-Brown	X		
Ed Bailey	X		
Ad Hoc Members	Aye	Nay	Abstain
Tom Swarr	X		

3. Resolution Regarding Election of a New Vice Chairman

Chairman Stein nominated Director Hayden for MIRA's new Vice Chairman, and requested other nominations from Board members. Hearing none, the Chairman requested a motion regarding the election of Director Hayden. The motion was made by Director Fortuna and seconded by Director Hunter.

RESOLVED: That the Board of Directors hereby elects Jim Hayden as Vice Chairman of the Board.

The motion previously made and seconded was approved by roll call vote. Chairman Stein, Director Fortuna, Director Weisselberg, Director Hunter, Director Brown, Director Bailey, and Ad Hoc Swarr voted yes; Director Hayden abstained.

Directors	Aye	Nay	Abstain
Chairman Stein	X		
Jim Hayden			X
Carl Fortuna	X		
Susan Weisselberg	X		
Bert Hunter	X		
Suzette DeBeatham-Brown	X		
Ed Bailey	X		
Ad Hoc Members	Aye	Nay	Abstain
Tom Swarr	X		

4. Informational.

Chairman Stein and President Kirk discussed Board vacancies, MIRA’s pressing need for new appointments, and efforts to date to urge appointing authorities to nominate suitable candidates.

President Kirk reported on an anticipated new Executive Order regarding vaccination and Covid testing, and the operational and financial status of the CSWS for the recent period.

5. Executive Session.

Chairman Stein requested a motion to go into Executive Session to discuss Pending RFPs and Feasibility Estimates and Evaluations relative to prospective public supply contracts, including MIRA RFP’s and prospective contracts for Connecticut Solid Waste System transfer facilities, transportation and disposal of acceptable solid waste at alternate disposal facilities and operation of MIRA’s Jets and the potential impact of same upon MIRA operating and capital budgets and its Municipal Services Agreements.

Chairman Stein asked Mr. Kirk, Mr. Daley, Mr. Egan, Ms. Hunt, Mr. Gaffey, and Attorney Catino to participate in the discussion. The motion was made by Director Hunter, seconded by Director Weisselberg, and approved by roll call vote. Chairman Stein, Vice Chairman Hayden, Director Fortuna, Director Weisselberg, Director Hunter, Director Brown, Director Bailey, and Ad Hoc Swarr voted yes.

Directors	Aye	Nay	Abstain
Chairman Stein	X		
Vice Chairman Hayden	X		
Carl Fortuna	X		
Susan Weisselberg	X		
Bert Hunter	X		
Suzette DeBeatham-Brown	X		
Ed Bailey	X		
Ad Hoc Members	Aye	Nay	Abstain
Tom Swarr	X		

Executive Session began at 9:55 and ended at 11:30. Chairman Stein noted that no motions were made and no votes were taken in Executive Session, and adjourned the meeting.

TAB 2

**RESOLUTION REGARDING AN INCREASE OF GREATER THAN \$50,000 TO
THE AGREEMENT FOR WASTE TRANSPORTATION AND TRANSFER
STATION OPERATION AND MAINTENANCE SERVICES AT THE
TORRINGTON TRANSFER STATION**

RESOLVED: That the Board of Directors authorizes the expenditure of additional funds for repair of the Torrington Transfer Station tip floor, substantially as presented and discussed at this meeting.

**Materials Innovation and Recycling Authority
CSWS Torrington Transfer Station
Increase of Greater Than \$50,000 to an Existing
Agreement**

November 10, 2021

Executive Summary

The Torrington Transfer Station tip floor is currently in a state of disrepair which is adversely affecting the operation of the facility. Article 9 of the Agreement for Waste Transportation and Transfer Station Operation and Maintenance Services at the Torrington Transfer Station (the "Agreement") provides for MIRA to direct its Operator, USA Waste and Recycling, Inc. ("USA") to provide changes, modifications, or additions to the Transfer Station. This is to request approval of the MIRA Board of Directors to authorize an increase to the Agreement of greater than \$50,000 for the replacement of the tip floor.

Discussion

The Torrington Transfer Station was constructed in 1988 and includes a steel frame building with a reinforced portland cement concrete tip floor. The harsh environment of this MSW tip floor has caused erosion of the thickness of the floor. Over the years, the floor has been patched numerous times to extend its life.

At this time, the floor thickness has diminished to expose structural steel rebar which has been damaged by the heavy MSW delivery trucks and the heavy equipment used to process MSW on the tip floor. This damage has resulted in a floor that is inadequately thick, has deep ruts that cause extra wear on the processing equipment and delivery trucks, which vehicles and equipment in turn further damage the floor. MIRA staff have determined it is prudent to replace the tip floor as soon as possible.

The Agreement with USA allows for MIRA to direct USA to engage a qualified subcontractor to perform the tip floor replacement work as a pass-through cost to MIRA with no markup on the work. Because the Transfer Station will continue to operate through the work, MIRA staff believes it is advantageous to direct USA to coordinate and manage

the work with its subcontractor as opposed to MIRA hiring the subcontractor directly, in order to avoid any operational conflicts that could arise.

To ensure USA received proposals appropriate for the required work, MIRA engineering staff developed and provided USA with work specifications and drawings and a proposal pricing form to use to solicit proposals. Initially, the specifications requested pricing on both a partial depth and a full depth repair, and, included demolition of the MSW loadout scale and replacement of the scale with a concrete pad. USA invited several contractors to inspect the site and USA and MIRA staff met several contractors at the site prior to receiving proposals. USA received proposals from five construction companies and provided those proposals to MIRA for review.

All of the proposers included the scale removal and replacement work. Each of the four highest priced proposers proposed a 10” slab using 6,000psi concrete (per the specification), and proposed full replacement of the rebar mat (specification called for steel fiber reinforcing instead). Each of these four proposers planned this work to occur over two separate mobilizations. The low price proposer, DJ Petrucci (“Petrucci”), proposed a 7” slab using 4,000psi concrete (not per the specification, and also proposed replacement of the rebar mat. Petrucci planned the work to occur during one mobilization. A summary of the initial proposals is provided in the table below.

Proposer	Work Summary	Price
GS Trucking and Construction	Remove Floor, replace rebar, pour two 6,000psi slabs (4" over 6"), remove scale, concrete infill	\$ 415,800
Modern Materials	Remove Floor, replace rebar, pour two 6,000psi slabs (3" over 7"), remove scale, concrete infill	\$ 399,885
Nunes Companies, Inc.	Remove Floor, replace rebar, pour two 6,000psi slabs (3" over 7"), remove scale, concrete infill	\$ 382,600
JVIII Construction, Inc.	Remove Floor, replace rebar, pour two 6,000psi slabs (3" over 7"), remove scale, concrete infill	\$ 188,593
DJ Petrucci, LLC	Remove Floor, replace rebar, pour one 4,000psi slab (7") remove scale, concrete infill	\$ 82,620

After reviewing the proposals, MIRA requested that USA ask the two low price proposers to re-submit pricing on a revised MIRA pricing form that removed the scale work item and included the following work items:

- 1) Removal/disposal of existing floor
- 2) Repair of rebar column ties
- 3) Installation of rebar dowels to tie new floor to existing
- 4) Installation of chemical bonding agent to adhere new concrete to existing

- 5) Pouring and finishing of a single, 6,000psi - 10” concrete slab with steel fiber reinforcing
- 6) Work to occur over one mobilization

After careful review of the revised proposals, MIRA staff determined that the low-priced proposer, Petrucci, is capable of performing the work. In fact, Petrucci has successfully performed similar tip floor replacements at two other USA-owned MSW transfer stations. A summary of the revised two low-priced proposals is shown in the table below.

DJ Petrucci, LLC		JVIII Construction, Inc.	
Proposal Item	Price	Proposal Item	Price
Removal/Disposal of Floor	\$ 28,000.00	Removal/Disposal of Floor	\$ 49,613.00
Install #8 Rebar	\$ 200.00	Install #8 Rebar	\$ 400.00
Install #8 Rebar Splice	\$ 70.00	Install #8 Rebar Splice	\$ 1,750.00
Install 285 - 1" Carbon Steel Dowels	\$ 5,800.00	Install 285 - 1" Carbon Steel Dowels	\$ 4,275.00
Install Bonding Agent	\$ 2,800.00	Install Bonding Agent	\$ 3,500.00
Install 176CY Steel Fiber Reinforced Concrete	\$ 55,200.00	Install 176CY Steel Fiber Reinforced Concrete	\$ 70,400.00
Total	\$ 92,070.00	Total	\$ 129,938.00

This resolution is to authorize expenditure of additional funds for FY 2022 at the Torrington Transfer Station in order to repair the tip floor, which funding is estimated to be \$97,000.00.

Financial Summary

In its price proposal, Petrucci indicated that the volatile market for construction materials may result in moderate changes in the cost of materials, which may result in moderate increases in the cost of the project. MIRA staff does not anticipate these changes would increase the cost of the project more than approximately 5%. This would result in a total project cost of approximately \$97,000. MIRA has adequate funds in its FY22 CSWS capital budget to pay for this work.