

AGENDA
SPECIAL MEETING OF THE AMES CITY COUNCIL
CONFERENCE ROOM 235 - CITY HALL
515 CLARK AVENUE
NOVEMBER 1, 2018

CALL TO ORDER: 12:00 Noon

1. Resolution approving date changes for the RDF Storage Bin Repair Project; setting December 5, 2018, as bid due date, and December 11, 2018, as date of public hearing and award of contract

DISPOSITION OF COMMUNICATIONS TO COUNCIL:

COUNCIL COMMENTS:

ADJOURNMENT:

COUNCIL ACTION FORM

SUBJECT: RDF STORAGE BIN REPAIR PROJECT – BID DUE DATE CHANGE

BACKGROUND:

The RDF Storage Bin receives refuse derived fuel (RDF) from the City's Resource Recovery Plant (RRP) after it converts municipal solid waste (MSW) into RDF. The RDF Storage Bin provides storage for the RDF produced by the RRP, and provides the method of transport and metering of the RDF to the power plant's boilers when burning RDF.

The existing RDF Storage Bin has been in-service since 1996. The bin was primarily constructed of COR-TEN steel, a weathering steel designed to initially rust and build up an oxide layer that then prevents further rusting of the steel from occurring. The use of COR-TEN steel to construct the RDF Storage Bin has proven to be problematic where the COR-TEN steel is in regular or constant contact with the RDF. Where the RDF is in contact the COR-TEN steel, it removes the oxide layer meant to protect the steel underneath, causing the exposed steel to rust anew. This cycle repeated over and over eventually removes enough steel that it weakens the structural steel and deteriorates the confining walls of the bin to the point that they need to be repaired or replaced. The RDF Storage Bin has reached the point that the containment's confining walls are in dire need of being replaced, and certain structural steel supports need to be repaired or replaced.

BID HISTORY TO DATE:

On August 28, 2018, City Council approved plans and specifications for the RDF Storage Bin Repair Project and set October 10, 2018, as the bid due date and October 23, 2018, as the date of hearing and award of contract. On October 9, 2018, City Council approved the extension of the bid due to November 14, 2018, and set November 27, 2018, as the new date of hearing and award of contract (as a result of the extended bid due date).

PROPOSED ACTION:

Several significant design and engineering changes have been made since it originally when out to bid to simplify and improve the constructability and potentially reduce the cost of the repairs to the bin. The design and engineering changes, that had to be formalized on drawings by the consulting engineering firm, affected thirty two (32) of the original seventy seven (77) drawings, and took approximately ten (10) days longer than originally anticipated. That, along with the fact that the scope of work to repair RDF Storage Bin remains very complicated, **staff recommends that it would be in the City's best interest to extend the bid due date**

to allow interested bidders sufficient time to process the design changes and to better cope with the complexity of the project in order to be able to assemble a quality comprehensive bid.

ALTERNATIVES:

1. Approve the requested date changes for the RDF Storage Bin Repair Project and set December 5, 2018, as the bid due date, and December 11, 2018, as the date of hearing and award of contract.
2. Reject the request and leave the dates as currently established.

MANAGER'S RECOMMENDED ACTION:

Extending the bid due date to allow the potential bidders to better comprehend the work scope and the specification for the repair of RDF Storage Bin will likely improve the quality and pricing of the bids the City receives. Therefore, it is the recommendation of the City Manager that the City Council approve Alternative #1 thereby approving the requested date changes for the RDF Storage Bin Repair Project and setting December 5, 2018, as the bid due date, and December 11, 2018, as the date of hearing and award of contract.