

COUNCIL ACTION FORM

SUBJECT: REFUSE DERIVED FUEL STORAGE BIN REPAIR PROJECT

BACKGROUND:

The Refuse Derived Fuel Storage Bin receives fuel from the City's Resource Recovery Plant after it converts municipal solid waste (MSW) into refuse derived fuel (RDF). The RDF Storage Bin provides storage for the RDF and provides the method of transport and metering of the RDF to the Power Plant's boilers.

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 contact with the RDF. The RDF 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 deteriorates the 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.

Funding for this project in an amount of \$2,800,000 is included in the Council-approved Capital Improvements Plan for FY 2017/18. On August 28, 2018 the 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.

As a result of questions raised by potential bidders during mandatory site visits, several design and engineering changes are being made to simplify and improve the constructability of the repairs to the bin. **These changes include simplification of the roof design and wall panel design.** Additionally, the scope of work to repair the RDF Storage Bin is very complicated. Therefore, it is 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 date and specification /changes for the RDF Storage Bin Repair Project and set November 14, 2018 as the bid due date and November 27, 2018 as the date of hearing and award of contract.
2. Reject the request and leave the dates as currently established.

CITY 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 Council approve Alternative #1 as stated above.