

DES MOINES WASTEWATER RECLAMATION AUTHORITY
TECHNICAL COMMITTEE

Des Moines Wastewater Reclamation Facility
3000 Vandalia Road
Des Moines, Iowa

June 14, 2022
1:30 p.m.

MINUTES

ITEM 1: Call to Order

Shane Kinsey, Committee Chair, called the meeting to order at 1:30 p.m.

ITEM 2: Roll Call

Members in Attendance

Don Clark, Ankeny*
Eugene Schmitt, Des Moines
Shane Kinsey, Johnston
Bret VandeLune, Polk County
John Larson, Urbandale
Tim Royer, Waukee
Brian Hemesath, West Des Moines
Larry Hare, WRF

Others in Attendance

Scott Hutchens, Operating Contractor
James Beck, Operating Contractor
Lisa Etnyre, Operating Contractor
Melissa Schlickbernd, Operating Contractor
Patrick Brown, Operating Contractor
Paul Ebert, Operating Contractor
Ben Warren, Operating Contractor
Brian Bakke, HDR
Mike Roth, HR Green

* Participated in the meeting via telephone due to the fact that it was impractical or impossible to participate in the meeting in person due to proximity to meeting location

ITEM 3: Minutes for the May 10, 2022 meeting – Approval

Brian Hemesath made a motion for recommendation. Tim Royer seconded that motion. All in favor. The motion carried.

ITEM 4: WRF Digester Repairs and Improvements – Recommendation

James Beck stated that in March 2019 the WRA experienced an overflow of Digester No. 3 where the digester was fed sludge all night without discharging. The hydraulic level inside was higher than the digester was designed for which caused damage to the digester's structural and sealing systems. After the event the digester was hydraulically tested and the evaluation determined that the waterstop and joint liner at the intersection between the tank lid and wall had been compromised and would require replacement in order to regain full functionality of the tank. The engineer's estimate for the project is \$1,410,000.00 and bids for the project are anticipated to be taken on Tuesday, August 2, 2022. The bids will be presented to the WRA Technical Committee at the August 9, 2022 meeting for review and recommendation.

Tim Royer made a motion to approve. Eugene Schmitt seconded that motion. All in favor. The motion carried.

ITEM 5: WRF Blended Sludge Tank Mixer Replacement - Recommendation

James Beck stated that this improvement includes replacement and modifications of the existing blended sludge wet well mixers, controls and associated supports, equipment, conduit and wiring, expansion of the existing electrical room to an adjacent room within Building 75 including installation of electrical gear and associated components, HVAC modifications, and other incidental items all in accordance with the plans and contract documents. The engineer's estimate for the project is \$1,147,800.00 and the bids for the project are anticipated to be taken on Tuesday, August 2, 2022. The bids will then be presented to the WRA Technical Committee at the August 9, 2022 meeting for review and recommendation.

John Larson made a motion to approve. Brian Hemesath seconded that motion. All in favor. The motion carried.

ITEM 6: Professional Services Agreement for the WRF Building 12 Transformer and Switchgear Improvements with HDR Engineering, Inc., in an Amount Not to Exceed \$191,918.00 - Recommendation

James Beck state that the existing exterior electrical switchgear located north of Building 12 at the WRF has reached the end of its useful service life and requires replacement. The scope of services for the WRF Building 12 Transformer and Switchgear Improvements includes a study component which will review available electrical, site, and structure information for site selection for replacement switchgear structure. The study will consider potential phasing required to construct a new switchgear and will consider the cost implications of a factory-built power distribution center or a new precast custom building for the electrical equipment. The scope of services also includes preliminary design, final design services, including developing contract documents, and bidding phase services.

The Operating Contractor's Staff recommends approval of the Professional Services Agreement with HDR Engineering, Inc. in an amount not to exceed \$191,918.00.

Brian Hemesath made a motion to approve. Larry Hare seconded that motion. All in favor. The motion carried.

ITEM 7: Supplemental Agreement No. 4 to the Professional Services Agreement for the WRF Flood Improvements with HDR Engineering, Inc., in an Amount Not to Exceed \$516,000.00 – Recommendation

James Beck provided a brief overview of the Professional Services Agreement and Supplemental Agreements 1 through 3. He noted that Supplemental Agreement No. 4 includes additional office-based construction phase services and field-based construction phase services for the remaining anticipated duration of the project. The contractual final completion date for the contract is September 9, 2022 but the most recent construction schedule provided by the contractor shows a final completed date of March 8, 2023. He also noted that some of the fee has been utilized for unexpected work including rebidding the project and additional unanticipated inspection. It was also noted that the contract provides liquidated damages in the amount of \$1,000 per calendar day. The Operating Contractor's Staff recommends approval of Supplemental Agreement No. 4 with HDR Engineering, Inc. for an additional amount not to exceed \$516,000.00.

Brian Hemesath made a motion to approve. John Larson seconded that motion. All in favor. The motion carried.

ITEM 8: Industrial Waste Ordinance – Information

Larry Hare noted 21 inspections were completed in Urbandale and Johnston, and he noted that there were no exceptions received and approved in May

ITEM 9: Contract Status Update – Information

James Beck stated that under the construction contracts the WRA Ingersoll Run Outlet, Phase 28, Segment 3 and the Birdland Pump Station Improvements are just getting started. He also stated that under the consultant contracts the WRF Fueling System Improvements has been added.

ITEM 10: Other Business

Scott Hutchens stated that the WRA Ingersoll Run Outlet Sewer, Phase 28, Segment 1 will be brought to the WRA Board with a recommendation to reject all bids and rebid the project at a later date.

Scott also stated that the Industrial Waste Ordinance was passed by the board and that they would like all of the communities to pass it prior to October 1, 2022.

ITEM 11: Adjourn

Bret Vandelune made a motion to adjourn. Eugen Schmitt seconded that motion. Meeting adjourned at 1:55 p.m.