

DES MOINES WASTEWATER RECLAMATION AUTHORITY
TECHNICAL COMMITTEE
Meeting Minutes

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

February 11, 2020
1:30 p.m.

TEM 1: Call to Order

Shane Kinsey called the February 11, 2020, Technical Committee meeting to order at 1:30 p.m.

ITEM 2: Roll Call

Technical Committee Members in Attendance

Roger McFarland, Ankeny
Jeff May, Clive
Eugene Schmitt, Des Moines
Gary Patterson, Pleasant Hill
Shane Kinsey, Johnston
Dalton Jacobus, UWHSD
Brian Hemesath, West Des Moines
Bret Vandelune, Polk County
Rudy Koester, Waukee
Larry Hare, WRF

Others in Attendance

Scott Hutchens, Operating Contractor
James Beck, Operating Contractor
Melissa Schlickbernd, Operating Contractor
Patrick Brown, Operating Contractor
Shay Willis, Operating Contractor
Nick Carter, Operating Contractor
Tina Grove, Operating Contractor
Roxane Vaughan, Operating Contractor
Brian Bakke, HDR
Bob Veenstra, Veenstra & Kimm, Inc.

ITEM 3: Minutes for the January 14, 2020 meeting - Approval

Bret Vandelune made a motion to approve the minutes of the January 14, 2020, Technical Committee meeting. Rudy Koester seconded the motion. The motion carried unanimously.

ITEM 4: WRA Sugar Creek Sponsored Project Improvements, Phase 1 – Contract Recommendation

James Beck explained that the Operating Contractor's Staff worked with the City of West Des Moines regarding easements that had to be acquired to meet the requirements of the sponsored project program. The City of West Des Moines has indicated that they plan to include an item on the February 17, 2020 City Council Agenda to convey the acquired easement from the City of West Des Moines to the WRA and the City of West Des Moines and the WRA are working to acquire an easement from an HOA necessary for completing the project as well. Because the easement acquisition is scheduled for acceptance from West Des Moines and easement acquisition is underway with the HOA, the Operating Contractor recommends that the WRA Technical Committee make a recommendation to award a contract in the amount of \$1,973,926.00 to RW Excavating Solutions.

James thanked Brian and the City of West Des Moines for all their work regarding the easement.

Brian Hemesath made a motion to recommend awarding the WRA Sugar Creek Sponsored Project Improvements - Phase 1 and designating RW Excavating Solutions as the low responsible, responsive bidder to the Board for approval. Rudy Koester seconded the motion. The motion carried unanimously

ITEM 5: WRF Flood Improvements – Reject All Bids

James Beck reported that it is in the best interest of the WRA to Reject all bids and rebid in the future.

Jeff May made a motion to Reject All Bids on WRF Flood Improvements to the board for approval. Roger McFarland seconded the motion. The motion carried unanimously

ITEM 6: WRF Clarifier Improvements - Project Recommendation

James Beck told the group this improvement includes phased removal and replacement of six primary clarifier mechanisms and rehabilitation of Primary Sludge Pump Buildings No. 20 and 21, including new pumps, piping, HVAC, electrical, controls and associated work. Phased repairs to the existing primary influent channel and removal and replacement of HVAC equipment and primary scum pump controls for Primary Scum Pump Station Buildings No. 26, 27 and 28 are also included. The engineer's estimate for this project is \$13,410,000.00 and bids for the project are anticipated to be taken on Tuesday, March 31, 2020. The bids will then be presented to the WRA Technical Committee at the April 14, 2020 meeting

Rudy Koester made a motion to forward the WRF Clarifier Improvements project to the WRA Board for approval. Eugene Schmitt seconded the motion. The motion carried unanimously

ITEM 7: Water Resource Restoration Sponsored Project Application to the Iowa Department of Natural Resources – Recommendation

James Beck explained that the WRA plans to submit an application to the Iowa Department of Natural Resources Sponsored Projects Program for improvements to approximately 7,300 feet of streambank along Sugar Creek in West Des Moines between Mills Civic Parkway and Booneville Road. The application focuses on stabilizing streambank to improve water quality and reduce erosion to protect the West Des Moines Outfall Sewer from potential damage.

At this time, the WRA Technical Committee needs to make a recommendation to the WRA Board as to whether the proposed Sponsored Projects maximize the capacity and performance of the WRA System and whether the application should be submitted to the State Revolving Fund for inclusion in an existing WRA Clean Water SRF Loan.

Brian Hemesath made a motion to submit a Water Resource Restoration Sponsored Project Application to the Iowa Department of Natural Resources. Bret Vandelune seconded the motion. The motion carried unanimously

ITEM 8: Supplemental Agreement No. 4 to the Professional Services Agreement with Veenstra & Kimm, Inc. for Additional Construction Phase Services for the WRA Eastside Interceptor, Phase 27, Segment 4A Project in the Amount of \$169,774.00 – Recommendation

James Beck reported that this supplemental agreement includes additional construction phase services for the WRA Eastside Interceptor, Phase 27, Segment 4A contract period which is approximately 22 weeks in duration. With the adjusted fee, the cost of engineering services during construction is approximately 7.1% of the WRA Eastside Interceptor, Phase 27, Segment 4A contract amount. This fee percentage is in the typical range of the average construction engineering cost for most major projects.

Rudy Koester asked what the percentage range on engineering costs for major projects. James replied that typically the fees have been in the range between 6-9% depending on the nature of the project.

Rudy Koester made a motion to forward the Supplemental Agreement No. 4 to the Professional Services Agreement with Veenstra & Kimm, Inc. for Additional Construction Phase Services for the WRA Eastside Interceptor, Phase 27, Segment 4A Project, to the Board for review and approval. Gary Patterson seconded the motion carried unanimously

ITEM 9: WRA Fiscal Year 2020 Capital Improvements Program and WRA Fiscal Year 2020 Operation & Maintenance Budget Summary - Discussion/Recommendation

Roxane Vaughan told the group that the Fiscal Year 2021 CIP budget sent out this month in the meeting packet is the same as that which was presented and discussed at last month's Technical Committee meeting. Roxane gave an overview of the Operation & Maintenance (O&M) and debt service adding that WRA's financial consultant (PFM) has reviewed the debt service budget.

Brian Hemesath made a motion to recommend the Fiscal Year 2020 Capital Improvements Program and WRA Fiscal Year 2020 O&M Budget Summary the WRA Board for consideration; Rudy Koester seconded the motion. The motion carried unanimously.

ITEM 10: Industrial Waste Ordinance – Information

Larry Hare indicated that 22 initial inspections were performed. Most inspections were performed in the Drake and Beavertdale areas of Des Moines There were three physical constraints and one economic hardship exception, and all were approved. Larry referred to the 2019 annual inspections chart that was in the packet and pointed out that there were 91 grease trap inspections and 330 grease interceptor inspections. When the FOG inspection began grease trap inspections outnumbered the interceptor inspections.

ITEM 11: Contract Status Update – Information

James Beck referred to WRA contract status sheet that was included in the Technical Committee packet that was electronically sent out and reported that construction progress was updated, and no new projects were added.

ITEM 12: Website Information

Scott Hutchens and Shay Willis gave an overview of the new WRA Website

ITEM 13: Other Business

None.

ITEM 14: Adjourn

Moved by Brian Hemesath and seconded by Rudy Koester to adjourn the meeting. The motion carried unanimously.

Meeting adjourned at 2:00 p.m.