NOTICE OF MEETING

DES MOINES WASTEWATER RECLAMATION AUTHORITY TECHNICAL COMMITTEE

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

September 12, 2023 1:30 p.m.

AGENDA

ITEM 1: Call to Order

ITEM 2: Roll Call

ITEM 3: Minutes for the May 9, 2023 meeting - Approval

ITEM 4: WRF Site Security and Access Improvements – Recommendation

ITEM 5: Supplemental Agreement No. 1 to the Professional Services Agreement for the WRF

Fuel System Improvements with CDM Smith, Inc., in an Amount Not to Exceed

\$65,020.00 - Recommendation

ITEM 6: Industrial Waste Ordinance – Information

ITEM 7: Contract Status Update – Information

ITEM 8: Other Business

ITEM 9: Adjourn

DES MOINES WASTEWATER RECLAMATION AUTHORITY TECHNICAL COMMITTEE

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

May 9, 2023 1:30 p.m.

DRAFT 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

Dan Scott, Altoona
Don Clark, Ankeny*
Jeff May, Clive
Rita Connor, Cumming*
Eugene Schmitt, Des Moines
Matt Ahrens, Grimes*
Shane Kinsey, Johnston
Wayne Schwartz, Norwalk*
Russ Paul, Pleasant Hill
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 Lisa Etnyre, Operating Contractor Melissa Schlickbernd, Operating Contractor Patrick Brown, Operating Contractor Dillon Hain, Operating Contractor Roxane Vaughan, Operating Contractor Ben Warren, Operating Contractor Charlie Stevens, Operating Contractor Brian Bakke, HDR

^{*} Participated in the meeting remotely 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 April 11, 2023 meeting - Approval

Brian Hemesath made a motion for recommendation. Jeff May seconded the motion. All in favor. The motion carried.

ITEM 4: WRF Fuel System Improvements – Contract Recommendation

Scott Hutchens stated that the WRF Fuel System Improvements is a project identified several years ago when the WRF's fuel island was found to be nearing the end of its useful like. The improvement includes removal, replacement, and modifications to the existing below grade diesel and gasoline fuel storage and dispensing system, control and communications, sitework, and other incidental items all in accordance with the plans and contract documents. The engineer's estimate for this project is \$1,138,000.00 and bids were received on May 2, 2023. The apparent low bid received was from Unified Contracting Services (Des Moines) in the amount of \$1,050,208.00 which was 7.71% below the engineer's estimate.

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

ITEM 5: Industrial Waste Ordinance – Information

Larry Hare noted 32 inspections were completed in Des Moines and West Des Moines and he noted one exception was received and approved in April.

ITEM 6: Contract Status Update – Information

Scott Hutchens reviewed a couple of the contracts and then asked that everybody review the sheets attached to see the current projects that the WRA is currently working on.

ITEM 7: Other Business

Scott Hutchens stated that both the WRA Conveyance Facility Plan Update and the WRA Treatment Facility Plan Update will be going to the Finance Committee to be reviewed at their meeting on June 1, 2023. The WRA Board wanted their own legal representation, so they sent RFPs out to local law firms, performed interviews, and Legal RFP Review Subcommittee made a recommendation on May 2nd.

ITEM 8: Adjourn

Bret VandeLune made a motion to adjourn. Tim Royer seconded that motion. Meeting adjourned at 1:44 p.m.

MEMORANDUM

September 12, 2023

To: WRA Technical Committee

From: Operating Contractor Staff

Re: WRF Site Security and Access Improvements – Project Recommendation

The WRF Site Security and Access Improvements is a project identified in the WRA's CIP which includes the replacement of the existing site entrance to the WRF. The entrance is located on a curve off Vandalia Road and crosses railroad tracks prior to entering the plant. On an average weekday approximately 90 hauled waste trucks enter and exit the WRF and there are several safety, security, and logistical issues associated with the existing site entrance/exit. To resolve the numerous problems with the existing entrance/exit, a new entrance location has been identified between the Administration Building and the Laboratory Building. Additionally, there are site security issues to address within the plant that are included in the project, and the relocation of a Des Moines Water Works (DMWW) 12-inch water main included as part of a 28E Agreement between the WRA and DMWW. The improvement includes phased construction of a new plant entrance with parking lot, site roadways, stormwater improvements, new entrance guard house, and demolition of the existing site entrance. This project also includes construction of two truck waste sampling buildings, remodel and expansion of the existing plant main control room, installation of a new comprehensive security system in new and existing buildings, HVAC, plumbing, electrical improvements, and all necessary materials, equipment, and labor in accordance with the contract documents and plans. The improvements are located at the Wastewater Reclamation Facility, 3000 Vandalia Road, Des Moines, Iowa.

The engineer's estimate for this project is \$9,672,000.00 and bids for the project are anticipated to be taken on Tuesday, October 31, 2023. The bids will then be presented to the WRA Technical Committee at the November 14, 2023 meeting for review and recommendation to the WRA Board for consideration at the November 21, 2023 meeting. The final completion date for the improvement is July 31, 2025 and the project will be funded through the WRF Site Security and Access Improvements project code (WR121).

MEMORANDUM

September 12, 2023

To: WRA Technical Committee

From: Operating Contractor Staff

Re: Supplemental Agreement No. 1 to the Professional Services Agreement for

the WRF Fuel System Improvements with CDM Smith, Inc., in an Amount

Not to Exceed \$65,020.00 - Recommendation

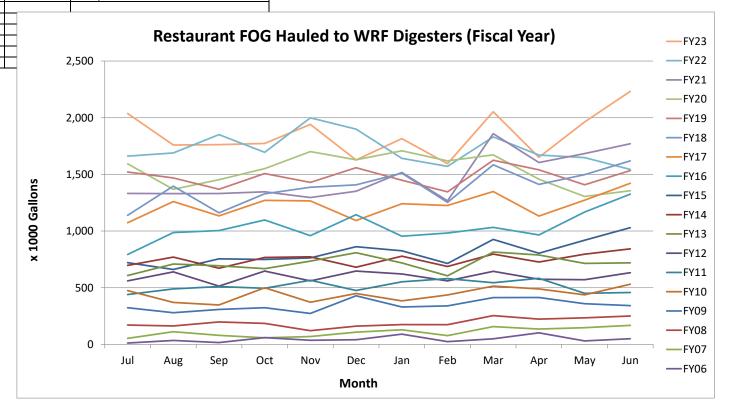
On April 19, 2022 a professional services agreement with CDM Smith, Inc. was approved by the WRA Board for design and bidding services associated with the WRF Fuel System Improvements in an amount not to exceed \$134,975.00. At this time there is a need for Construction Phase Services because the project has been bid and a contract was awarded on May 16, 2023. Supplemental Agreement No. 1 will amend the professional services agreement to provide Construction Phase Services for the WRF Fuel System Improvements project. The project includes removal, replacement, and modifications to the existing below grade diesel and gasoline fuel storage and dispensing system, control and communications, sitework, and other incidental item all in accordance with the plans and contract documents.

The Operating Contractor's Staff recommends approval of Supplemental Agreement No. 1 with CDM Smith, Inc. for Construction Phase services not to exceed \$65,020.00. Supplement No. 1 is being presented to the WRA Technical Committee for review and recommendation to the WRA Board for approval at the September 19, 2023 meeting.

Progress Report ITEM 6

Month	Annual Inspections	Follow-Up Inspections	Area of Concentration
January-22	32	4	DSM (E 14th), Johnston, WDM
February-22	35	3	DSM, WDM (JC mall)
March-22	28	6	Ankeny, DSM, Urbandale, WDM
April-22	20	15	Urbandale, WDM
May-22	21	0	Urbandale, Johnston
June-22	25	10	DSM, Urbandale, Waukee
July-22	22	8	Johnston, Urbandale, Waukee
August-22	49	4	Urbandale, Waukee, WDM
September-22	30	6	Des Moines, Urbandale, WDM
October-22	10	1	P. Hill, Johnston, Urbandale
November-22	40	5	Altoona, DSM, P. Hill, Urbandale, Waukee
December-22	31	14	Altoona, DSM, Urb. schools, Joh. schools
January-23	27	11	DSM, Waukee
February-23	22	3	Ankeny, DSM, Grimes complaint
March-23	21	0	West Des Moines
April-23	32	0	DSM, West Des Moines
May-23	1	12	Waukee, West Des Moines
June-23	0	1	
July-23	0	0	
August-23	9	1	Ankeny

August Exceptions							
Food Service Establishment	Type of Appeal	Municipality	Approval (Y/N)				
Sunshine Nutrition, 2604 Beaver Avenue	Economic Hardship	Des Moines	Y				



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WRA Ingersoil Run Outlet, Phase 28, Segment 3 (W8088) SRF FUNDED The improvement includes construction of sanitary sever and paving, including all abort, materials and equipment necessary for excavation and backfill of approximately 1,154 feet of 50 inch through 66-inch sanitary sever in open cut construction, 999 feet of 60-inch and 66-inch sanitary sever in the project of format includes construction, and holes, paving removal and project enement, traffic control, evision control and miscellaneous associated work, including cleanupy, all in accordance with the contract documents. The project is located along ingersoil Avenue from 18th Street to 19th Street from 19th Street from 19th Street to 22nd Street in Des Notines, lows WRA Birdland Pump Station Improvements WRA Birdland Pump Station Improvements (WR122) SEF FUNDED WRA Birdland Pump Station Improvements (WR122) SEF FUNDED WRA Birdland Pump Station Improvements for the sirruland Pump Station Individual gate work, yard piping, demolition, excavation, cast-in-place concrete, structure and building construction, equipment installation, process piping, mechanical, clearly interest in the structure of the contractor of improvements of the sirruland and controls, rehabilitation and miscellaneous associated work, including clearup. The project is octaed near Permyslynain Avenue and North Union Street, Des Monies, Iowa WRP Openter Repairs and Improvements (WR074) PARTIAL INSURANCE FUNDED AND PARTIAL SMALL OF PUNDED WRF Blended Studge Tank Miker Replacement The improvement includes syntho-demolition and replacement of a portion of the concrete lid for animarotic cliquest to No. 7, and all other associated work for animarobic digesters No. 2-6, and all other associated work and incidental Items. The work is located at the Wastewater Reclamation Facility, 3000 Vandalia Road, Des Molnies, Iowa WRF Blended Studge Tank Miker Replacement The improvement includes bytho-demolition and replacement of a portion of the concrete lid for animarobic digesters No. 2-	cleanup; all in accordance with the contract documents. The project is located partially in the City of D	Des Moines, Warren County, Iowa and partially in unincorporated Warren County, north of the 1200 block of E. Border Street in Des Moines and south of the 10900 block of Beardsley Street in Warren	Change Orders to Date	\$108,000.00
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Ingersoll Avenue to High Street in 19th Street in 1				\$141,742.00
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The improvement includes all labor, materials and equipment for the construction of improvements for the Birdland Pump Station, including site work, yard piping, demolition, excavation, cast-in-place concrete, structure and building construction, equipment installation, process piping, mechanical, cast-in-place concrete, structure and building construction, equipment installation, process piping, mechanical, cast-in-place concrete, structure and building construction, equipment installation, process piping, mechanical, cast-in-place concrete parage of the stock of the percent Complete stock of the p			•	92.4%
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electrical and controls, rehabilitation and miscellaneous associated work, including cleanup. The project is ocated near Pennsylvania Avenue and North Union Street, Des Moines, lowa WRF Digester Repairs and Improvements (WR074) PARTIAL INSURANCE FUNDED AND PARTIAL SMALL CIP FUNDED General Contractor Construction Leaders Compate The improvement includes hydro-demolition and replacement of a portion of the concrete lid for anaerobic digester No. 3, pre-cast concrete panel and joint repairs and cleaning to the exterior of anaerobic digesters No. 1-6, concrete crack repairs to the lid of anaerobic digesters No. 2-6, installation of Contract Amount 51,280,350 Completed to Date 573,691 Com	· · · · · · · · · · · · · · · · · · ·	,		
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The improvement includes hydro-demolition and replacement of a portion of the concrete lid for an aerobic digester No. 3, pre-cast concrete panel and joint repairs and cleaning to the exterior of anaerobic digesters No. 1-6, concrete crack repairs to the lid of anaerobic digesters No. 2-6, installation of Confract Amount \$1,280,350 new water level sensors and associated work for anaerobic digesters No. 2-6, and all other associated work and incidental items. The work is located at the Wastewater Reclamation Facility, 3000 Vandalia Road, Des Moines, Iowa Complete \$513,691 and the repairs and cleaning to the exterior of anaerobic digesters No. 1-6, concrete crack repairs to the lid of anaerobic digesters No. 2-6, installation of Percent Complete \$55. WRF Blended Sludge Tank Mixer Replacement (WR110) SMALL CIP FUNDED WRA Ingervoll Run Outlet, Phase 28, Segment 1 (WR088) SRF FUNDED WRA Ingervoll Run Outlet, Phase 28, Segment 1 (WR088) SRF FUNDED WRA Ingervoll Run Outlet, Phase 28, Segment 1 (WR088) SRF FUNDED WRA Ingervoll Run Outlet, Phase 28, Segment 1 (WR088) SRF FUNDED WRA Ingervoll Run Outlet, Phase 28, Segment 1 (WR088) SRF FUNDED WRA Ingervoll Run Outlet, Phase 28, Segment 1 (WR088) SRF FUNDED WRA Ingervoll Run Outlet, Phase 28, Segment 1 (WR088) SRF FUNDED WRA Ingervoll Run Outlet, Phase 28, Segment 1 (WR088) SRF FUNDED WRA Ingervoll Run Outlet, Phase 28, Segment 1 (WR088) SRF FUNDED WRA Ingervoll Run Outlet, Phase 28, Segment 1 (WR088) SRF FUNDED WRA Ingervoll Run Outlet, Phase 28, Segment 1 (WR088) SRF FUNDED WRA Ingervoll Run Outlet, Phase 28, Segment 1 (WR088) SRF FUNDED WRA Ingervoll Run Outlet, Phase 28, Segment 1 (WR088) SRF FUNDED WRA Ingervoll Run Outlet, Phase 28, Segment 1 (WR088) SRF FUNDED WRA Ingervoll Run Outlet, Phase 28, Segment 1 (WR088) SRF FUNDED WRA Ingervoll Run Outlet, Phase 28, Segment 1 (WR088) SRF FUNDED WRA Ingervoll Run Outlet, Phase 28, Segment 1 (WR088) SRF FUNDED WRA Ingervoll Run Outlet, Phase 28, Segment 1 (WR088) SRF FUNDED WRA Ingervoll Run Outlet, Phas			,	
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WRF Blended Sludge Tank Mixer Replacement (WR110) SMALL CIP FUNDED The improvement includes hydro-demolition and replacement of a portion of the concrete lid for anaerobic digester No. 3, pre-cast concrete panel and joint repairs and cleaning to the exterior of anaerobic digesters No. 1-6, concrete crack repairs to the lid of anaerobic digesters No. 2-6, installation of new water level sensors and associated work for anaerobic digesters No. 2-6, and all other associated work and incidental items. The work is located at the Wastewater Reclamation Facility, 3000 Vandalia Road, Des Moines, lowa Completed to Date percent Complete South of the concrete crack repairs to the lid of anaerobic digesters No. 2-6, installation of Contract Amount \$1,727,300 Completed to Date percent Complete \$2,000 Completed to Date percent Complete \$3,000 Completed to Date percent Complete \$4,000 Complete	The improvement includes hydro-demolition and replacement of a portion of the concrete lid for anae	erobic digester No. 3, pre-cast concrete panel and joint repairs and cleaning to the exterior of anaerobic digesters No. 1-6, concrete crack repairs to the lid of anaerobic digesters No. 2-6, installation of		\$1,280,350.00
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WRF Blended Sludge Tank Mixer Replacement (WR110) SMALL CIP FUNDED The improvement includes hydro-demolition and replacement of a portion of the concrete lid for anaerobic digesters No. 3, pre-cast concrete panel and joint repairs and cleaning to the exterior of anaerobic digesters No. 1-6, concrete crack repairs to the lid of anaerobic digesters No. 2-6, installation of Contract Amount (WR10) SMALL CIP FUNDED The improvement includes hydro-demolition and replacement of a portion of the concrete lid for anaerobic digesters No. 3, pre-cast concrete panel and joint repairs and cleaning to the exterior of anaerobic digesters No. 1-6, concrete crack repairs to the lid of anaerobic digesters No. 2-6, installation of Contract Amount (Amage Orders to Date \$104,024 Percent Completed to Date \$104,024 Percent Complete (MR10) SMALL CIP FUNDED (Contract Amount \$104,024 Percent Complete of Date \$104,024 Percent Com			•	\$713,691.50
The improvement includes hydro-demolition and replacement of a portion of the concrete lid for anaerobic digester No. 3, pre-cast concrete panel and joint repairs and cleaning to the exterior of anaerobic digesters No. 1-6, concrete crack repairs to the lid of anaerobic digesters No. 2-6, installation of new water level sensors and associated work for anaerobic digesters No. 2-6, and all other associated work and incidental items. The work is located at the Wastewater Reclamation Facility, 3000 Vandalia Road, Des Moines, Iowa WRA Ingersoll Run Outlet, Phase 28, Segment 1 WR088) SRF FUNDED This improvement includes construction of sanitary sewer and paving, including all labor, materials and equipment necessary for excavation and backfill of approximately 5,150 feet of 60-inch sanitary sewer in open cut, 985 feet of 42-inch, 54-inch and 60-inch sanitary sewer in trenchless construction, manholes, paving removal and replacement, traffic control, erosion control, cleanup, and miscellaneous associated work; all in accordance with the contract documents, including Plan File No. 642-033/128 located generally along Martin Luther King Jr. Parkway from S.W. 2nd Street to S.W. 16th Street in Change Orders to Date \$1,727,300 Change Orders to Date \$0,024 Completed to Date \$1,727,300 Completed to Date \$1,040,024 Percent Complete 6. Rognes Corporat This improvement includes construction of sanitary sewer and paving, including all labor, materials and equipment necessary for excavation and backfill of approximately 5,150 feet of 60-inch sanitary sewer in open cut, 985 feet of 42-inch, 54-inch and 60-inch sanitary sewer in trenchless construction, and materials and equipment necessary for excavation and backfill of approximately 5,150 feet of 60-inch sanitary sewer in open cut, 985 feet of 42-inch, 54-inch and 60-inch sanitary sewer in trenchless construction, control, cleanup, and miscellaneous associated work; all in accordance with the contract documents, including Plan File No. 642-033/128 located generally along			Percent Complete	55.7%
The improvement includes hydro-demolition and replacement of a portion of the concrete lid for anaerobic digester No. 3, pre-cast concrete panel and joint repairs and cleaning to the exterior of anaerobic digesters No. 1-6, concrete crack repairs to the lid of anaerobic digesters No. 2-6, installation of new water level sensors and associated work for anaerobic digesters No. 2-6, and all other associated work and incidental items. The work is located at the Wastewater Reclamation Facility, 3000 Vandalia Road, Des Moines, Iowa WRA Ingersoll Run Outlet, Phase 28, Segment 1 This improvement includes construction of sanitary sewer and paving, including all labor, materials and equipment necessary for excavation and backfill of approximately 5,150 feet of 60-inch sanitary sewer in open cut, 985 feet of 42-inch, 54-inch and 60-inch sanitary sewer in trenchless construction, manholes, paving removal and replacement, traffic control, erosion control, cleanup, and miscellaneous associated work; all in accordance with the contract documents, including Plan File No. 642-033/128 located generally along Martin Luther King Jr. Parkway from S.W. 2nd Street to S.W. 16th Street in Change Orders to Date \$1,727,300 Contract Amount \$1,727,300 Completed to Date \$0,024 Completed to Date \$1,040,024 Percent Complete 6. Rognes Corporat This improvement includes construction of sanitary sewer in trenchless construction, manholes, paving removal and replacement, traffic control, erosion control, cleanup, and miscellaneous associated work; all in accordance with the contract documents, including Plan File No. 642-033/128 located generally along Martin Luther King Jr. Parkway from S.W. 2nd Street to S.W. 16th Street in Change Orders to Date \$0,000 Contract Amount \$0,000	WRF Blended Sludge Tank Mixer Replacement /w	VR110) SMALL CIP FUNDED	General Contractor	Woodruff Construction Inc.
new water level sensors and associated work for anaerobic digesters No. 2-6, and all other associated work and incidental items. The work is located at the Wastewater Reclamation Facility, 3000 Vandalia Road, Des Moines, Iowa Completed to Date \$104,024 Percent Complete 6. WRA Ingersoll Run Outlet, Phase 28, Segment 1 This improvement includes construction of sanitary sewer and paving, including all labor, materials and equipment necessary for excavation and backfill of approximately 5,150 feet of 60-inch sanitary sewer in open cut, 985 feet of 42-inch, 54-inch and 60-inch sanitary sewer in trenchless construction, manholes, paving removal and replacement, traffic control, erosion control, cleanup, and miscellaneous associated work; all in accordance with the contract documents, including Plan File No. 642-033/128 located generally along Martin Luther King Jr. Parkway from S.W. 2nd Street to S.W. 16th Street in Change Orders to Date \$0. Change Orders to Date \$104,024 Percent Completed to Date \$104,024 Percent Complete 6. Rognes Corporat Contract Amount \$17,804,480 Contract Amount \$17,804,48	·	·		\$1,727,300.00
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WRA Ingersoll Run Outlet, Phase 28, Segment 1 This improvement includes construction of sanitary sewer and paving, including all labor, materials and equipment necessary for excavation and backfill of approximately 5,150 feet of 60-inch sanitary sewer in open cut, 985 feet of 42-inch, 54-inch and 60-inch sanitary sewer in trenchless construction, and including all labor, materials and equipment necessary for excavation and backfill of approximately 5,150 feet of 60-inch sanitary sewer in open cut, 985 feet of 42-inch, 54-inch and 60-inch sanitary sewer in trenchless construction, and including Plan File No. 642-033/128 located generally along Martin Luther King Jr. Parkway from S.W. 2nd Street to S.W. 16th Street in Change Orders to Date 6. 8. 8. 8. 8. 8. 8. 8. 8. 8.	Them water level sensors and associated work for anacropic digesters No. 2-0, and an other associated to	WORK and Anexact rections. The Work is rectal at the Avastewater rectalination of acting, 5000 Variation Road, Des Montes, 10wa	_	\$104,024.18
This improvement includes construction of sanitary sewer and paving, including all labor, materials and equipment necessary for excavation and backfill of approximately 5,150 feet of 60-inch sanitary sewer in open cut, 985 feet of 42-inch, 54-inch and 60-inch sanitary sewer in trenchless construction, manual part of the contract Amount and packfill of approximately 5,150 feet of 60-inch sanitary sewer in open cut, 985 feet of 42-inch, 54-inch and 60-inch sanitary sewer in trenchless construction, really sewer in trenchless construction, and miscellaneous associated work; all in accordance with the contract documents, including Plan File No. 642-033/128 located generally along Martin Luther King Jr. Parkway from S.W. 2nd Street to S.W. 16th Street in Change Orders to Date			· · · · · · · · · · · · · · · · · · ·	6.0%
This improvement includes construction of sanitary sewer and paving, including all labor, materials and equipment necessary for excavation and backfill of approximately 5,150 feet of 60-inch sanitary sewer in open cut, 985 feet of 42-inch, 54-inch and 60-inch sanitary sewer in trenchless construction, manual part of the contract Amount and packfill of approximately 5,150 feet of 60-inch sanitary sewer in open cut, 985 feet of 42-inch, 54-inch and 60-inch sanitary sewer in trenchless construction, really sewer in trenchless construction, and miscellaneous associated work; all in accordance with the contract documents, including Plan File No. 642-033/128 located generally along Martin Luther King Jr. Parkway from S.W. 2nd Street to S.W. 16th Street in Change Orders to Date	NUMBER OF THE PROPERTY OF THE	ANDARA) CONTRIBUTED	2 12 :	
manholes, paving removal and replacement, traffic control, erosion control, cleanup, and miscellaneous associated work; all in accordance with the contract documents, including Plan File No. 642-033/128 located generally along Martin Luther King Jr. Parkway from S.W. 2nd Street to S.W. 16th Street in Change Orders to Date		, and the state of		Rognes Corporation
44				
Constitution Inc. Constitution		us associated work; all in accordance with the contract documents, including Plan File No. 642-033/128 located generally along Martin Luther King Jr. Parkway from S.W. 2nd Street to S.W. 16th Street in	=	\$0.00
	Des Moines, Iowa			\$11,681,930.95 65.6%

WRF Belt Filter Press Improvements (WR136) SMALL CIP FUNDED	General Contractor Shank Co	onstructors
The improvement includes refurbishment of three existing belt filter presses, removal and replacement of existing water pressure booster pumps, interior piping replacement and modifications, and associated	ork and incidental items; all in accordance with the contract documents located in Building 70 Contract Amount \$1,5	,991,800.00
at the Wastewater Reclamation Facility, 3000 Vandalia Road, Des Moines, Iowa	Change Orders to Date	\$0.00
	Completed to Date	\$69,556.00
	Percent Complete	3.5%
WRF Building 05 Electrical Room HVAC Improvements (WR118) SMALL CIP FUNDED	General Contractor Air-Con Mechanical C	Corporation
The improvement includes removal and replacement of existing HVAC equipment, controls, and associated work and incidental items; all in accordance with the contract documents located in Building 05 at the	Wastewater Reclamation Facility, 3000 Vandalia Road, Des Moines, Iowa Contract Amount \$2	293,345.00
	Change Orders to Date	\$0.00
	Completed to Date	\$0.00
	Percent Complete	0.0%
WRF Clarifier Improvements - Phase 2 (WR115) SRF FUNDED	General Contractor Goodwin Bros. Const	cruction Co.
The improvement includes phased removal and replacement of twelve (12) secondary clarifier mechanisms, installation of clarifier launder and effluent channel covers, and removal and replacement of flow cor	rol gates at the Wastewater Reclamation Facility, 3000 Vandalia Road, Des Moines, Iowa Contract Amount \$29,3	,100,000.00
	Change Orders to Date	\$0.00
	Completed to Date \$8	867,693.22
	Percent Complete	3.0%
WRF Fuel System Improvements (WR106) SMALL CIP FUNDED	General Contractor Unified Contracting Se	ervices, Inc.
The improvement includes phased removal and replacement of twelve (12) secondary clarifier mechanisms, installation of clarifier launder and effluent channel covers, and removal and replacement of flow cor	rol gates at the Wastewater Reclamation Facility, 3000 Vandalia Road, Des Moines, Iowa Contract Amount \$1,000 \$1,0	,050,208.00
	Change Orders to Date	\$0.00
	Completed to Date	\$44,744.16
	Percent Complete	4.3%

WRA Ingersoll Run Outlet Sewer	(WR088)		Consultant		Veenstra & Kim
		Original Agreement	Design Tasks	\$	724,064.0
		Original Agreement	Right-of-Way Tasks	\$	84,860.0
		Supplemental Agreement No. 1	Additional Design and Construction Phase Services	\$ \$	2,113,711.0
			Completed to Date Percent Complete		1,398,392.8 47.8
VRF Phosphorus Recovery Facility	(WR112)		Consultant		HDR Engineeri
		Original Agreement	Study and Design Tasks	\$	1,684,245.0
		Supplemental Agreement No. 1	Aeration Evaluation Tasks	\$ \$	66,800.0
		Supplemental Agreement No. 2 Supplemental Agreement No. 3	Confidentiality Terms Additional Design Tasks	\$	914,600.0
		Supplemental regreement (vo. 5	Completed to Date	Š	2,608,039.1
			Percent Complete		97.8
VRF Clarifier Improvements	(WR115)		Consultant		HDR Engineeri
		Original Agreement	Design Tasks	\$	585,500.0
		Supplemental Agreement No. 1	Additional Design Tasks	\$	76,695.0
		Supplemental Agreement No. 2 Supplemental Agreement No. 3	Additional Design, Bidding, and Construction Tasks Additional Design, Bidding, and Construction Tasks	\$ \$	562,000.0 484,880.0
		Supplemental Agreement No. 3	Completed to Date	\$	1,352,193.0
			Percent Complete		79.1
VRA Sugar Creek Sponsored Project Improvements - Phase 1	(WR117)		Consultant		Snyder & Associat
		Original Agreement	Design, ROW, Bidding, and Construction Tasks	\$	249,900.0
		Supplemental Agreement No. 1	Additional Design and Construction Services	\$	89,091.0
			Completed to Date	\$	338,065.1
			Percent Complete		99.7
WRA Fourmile Creek Streambank Stabilization Sponsored Project	(WR109)		Consultant		Snyder & Associat
		Original Agreement	Design, ROW, Bidding, and Construction Tasks	\$	220,950.0
		Supplemental Agreement No. 1	Additional Design and Construction Services	\$ \$	395,400.0 40,400.0
		Supplemental Agreement No. 2	Additional Design Services Completed to Date	\$	591,721.2
			Percent Complete		90.1
WRA Birdland Pump Station Improvements	(WR122)		Consultant		HR Green Ir
		Original Agreement	Investigation and Conceptual Design	\$	175,000.0
		Supplemental Agreement No. 1	Design and Bidding Services	\$	826,300.0
		Supplemental Agreement No. 2	Construction Services	\$ \$	1,222,000.0
			Completed to Date Percent Complete	3	1,770,459.0 79.6
WRF Site Access and Security Improvements	(WR121)		Consultant		HDR Engineeri
		Original Agreement	Design	\$	504,650.0
		Supplemental Agreement No. 1	Additional Design and Bidding Services	\$	326,940.0
		Supplemental Agreement No. 2	Additional Design Services for Water Main Completed to Date	\$ \$	42,595.0 831,588.3
			Percent Complete		95.1
WRF Flood Improvements	(WR105)		Consultant		HDR Engineeri
		Original Agreement	Alternatives Development	\$	212,354.0
		Supplemental Agreement No. 1	Design Services	\$	776,700.0
		Supplemental Agreement No. 2	Additional Design Services	\$	99,947.0
		Supplemental Agreement No. 3 Supplemental Agreement No. 4	Bidding and Construction Services Additional Construction Services	\$ \$	1,089,362.0 516,000.0
		Supplemental representation 7	Completed to Date	\$	2,642,072.7
			Percent Complete		98.1

WRA Southern Tier Interceptor, Phase 10, Segment 24	(WR107)		Consultant		Veenstra & Kimn
		Original Agreement	Design, Right-of-Way, and Construction Services Completed to Date	\$ \$	247,000.00 241,721.84
			Percent Complete	J.	97.9%
WRF Clarifier Phase 1 Improvements - Special Inspection Services	(WR115)		Consultant		Terraco
		Original Agreement	Special Inspections	\$	20,000.00
			Completed to Date Percent Complete	\$	18,152.25 90.89
VRF Flood Improvements - Special Inspection Services	(WR105)		Consultant		Terraco
	, , ,	0::14		\$	65,000.00
		Original Agreement Supplemental Agreement No. 1	Special Inspections Additional Special Inspection	\$ \$	30,000.00
		Supplemental Agreement No. 2	Additional Special Inspection	\$	30,000.00
		Supplemental Agreement No. 3	Additional Special Inspection	\$	30,000.00
			Completed to Date	\$	140,563.25
			Percent Complete		90.79
VRF Digester Repairs and Improvements	(WR074)		Consultant		HDR Engineerin
		Original Agreement	Structural Evaluation	\$	24,071.00
		Supplemental Agreement No. 1	Design and Bidding Services	\$	106,706.00
		Supplemental Agreement No. 2	Construction Services	\$	136,814.00
			Completed to Date	\$	178,761.03
			Percent Complete		66.89
VRF Air Permitting Assistance Fiscal Year 2021-2022	(WR069)		Consultant		Trinity Consultan
		Original Agreement	Air Permitting Assistance	\$	75,000.00
			Completed to Date Percent Complete	\$	53,440.02 71.39
VRF Engineering Assistance Fiscal Year 2021-2022	(WR116)		Consultant		HR Gree
	()				
		Original Agreement	Multi-Disipline Engineering Assistance	\$	95,000.00
			Completed to Date	\$	74,522.38
			Percent Complete		78.49
VRF Blended Sludge Mixer Improvements	(WR110)		Consultant		HR Gree
		Original Agreement	Design and Bidding Services	\$	77,715.00
		Supplemental Agreement No. 1	Additional Design Services	\$	22,200.00
		Supplemental Agreement No. 2	Construction Phase Services	\$	153,875.00
			Completed to Date Percent Complete	\$	157,867.46 62.29
VRF Aeration Basin Sensor Improvements	(WR068)		Consultant		HR Gree
VKF Act attori dashi Schsot Improvenients	(WK000)				
		Original Agreement	Design and Bidding Services	\$	78,000.00
		Supplemental Agreement No. 1	Construction Phase Services Completed to Date	\$ \$	115,650.00 184,979.12
			Percent Complete		95.59
VRA Conveyance Facility Plan Update - 2024	(WR069)		Consultant		Veenstra & Kimr
	, ,			_	
		Original Agreement	Facility Plan Study	\$	411,000.00
			Completed to Date Percent Complete	\$	401,562.57 97.7%
VRA Sewer Lining - Phase 2	(WR113)		Consultant		Snyder & Associate
	(·
		Original Agreement	Design Tasks	\$	124,224.00
		Supplemental Agreement No. 1	Construction Phase Services	\$	307,200.00
			Completed to Date	\$	312,728.53
			Percent Complete		72.5

WRA Southwest Equalization Basin Mechanical Repairs	(WR116)		Consultant		HR Green, Inc.
		Original Agreement Supplemental Agreement No. 1	Design Tasks Construction Phase Services Completed to Date Percent Complete	\$ \$ \$	87,300.00 72,200.00 159,447.34 100.0%
WRA Sugar Creek Sponsored Project Improvements - Phase 2	(WR117)		Consultant		Snyder & Associates
		Original Agreement	Design Tasks Completed to Date Percent Complete	\$ \$	580,300.00 398,606.16 68.7%
WRA Renewable Natural Gas Pipeline Assistance	(WR102)		Consultant		Black & Veatch
		Original Agreement	Pipeline Assistance Completed to Date Percent Complete	\$ \$	50,000.00 4,516.25 9.0%
WRF Building 02 Variable Frequency Drive and HVAC Study	(WR091)		Consultant		HDR Engineering
		Original Agreement	Study Additional Design, Bidding, and Construction Services Completed to Date Percent Complete	\$ \$ \$	31,096.00 36,081.00 33,982.45 50.6%
WRF Effluent Pumping Improvements	(WR124)		Consultant		Black & Veatch
		Original Agreement	Design & Bidding Services Additional Design Services Completed to Date Percent Complete	\$ \$ \$	1,279,901.00 85,800.00 1,198,294.22 87.7%
WRA Conveyance Engineering Assistance 2022	(WR116)		Consultant		Snyder & Associates
		Original Agreement	Conveyance Engineering Assistance Completed to Date Percent Complete	\$ \$	95,000.00 55,689.78 58.6%
WRF Building 05 Electrical Room HVAC Improvements	(WR116)		Consultant		HR Green
		Original Agreement	Multi-Disipline Engineering Assistance Completed to Date Percent Complete	\$ \$	35,600.00 32,854.04 92.3%
WRA Materials Testing Services - Ingersoll Run	(WR116)		Consultant		Team Services
		Original Agreement	Materials Testing Services Completed to Date Percent Complete	\$ \$	74,789.00 18,038.25 24.1%
WRA Treatment Facility Plan Update - 2024	(WR069)		Consultant		HDR Engineering
		Original Agreement	Facility Plan Study Completed to Date Percent Complete	\$ \$	504,900.00 454,942.73 90.1%
WRA Materials Testing Services - SW EQ Mechanical Repairs	(WR116)		Consultant		Terracon
		Original Agreement	Materials Testing Completed to Date Percent Complete	\$ \$	15,000.00 - 0.0%
WRA Birdland Pump Station Improvements - Special Inspections	(WR122)		Consultant		Terracon
		Original Agreement	Materials Testing Completed to Date Percent Complete	\$ \$	99,840.00 30,474.25 30.5%

WRF Fuel System Improvements	(WR106)	Consultant		CDM Smith
	Original Agreement	Design and Bidding Services Completed to Date Percent Complete	\$ \$	134,975.00 134,955.50 100.0%
WDFD WW 44.T. 4		•		
WRF Building 12 Transformer and Switchgear	(WR131)	Consultant	Н	DR Engineering, Inc.
	Original Agreement	Study, Design, and Bidding Services Completed to Date Percent Complete	\$ \$	191,918.00 93,875.04 48.9%
WRA Southern Tier Interceptor, Phase 10, Segment 23	(WR127)	Consultant	Ve	eenstra & Kimm, Inc.
	Original Agreement	Design and Right-of-way Services Additional Design Phase Services Completed to Date Percent Complete	\$ \$ \$	227,292.00 89,508.00 166,790.11 52.6%
WRF Building 70 and 75 Transformer Improvements	(WR131)	Consultant	Н	DR Engineering, Inc.
	Original Agreement	Study, Design, and Bidding Services Completed to Date Percent Complete	\$ \$	168,838.00 65,744.31 38.9%
VRA Southern Tier, Phase 10, Segment 24 - Special Inspection Services	(WR107)	Consultant		Terracon
	Original Agreement	Special Inspection Services Completed to Date Percent Complete	\$ \$	20,000.00 14,777.75 73.9%
WRA Ingersoll Run Outlet Sewer - Vibration Monitoring Services	(WR088)	Consultant		Terracon
	Original Agreement	Vibration Monitoring Services Completed to Date Percent Complete	\$ \$	90,000.00 19,260.75 21.4%
WRF Blended Sludge Tank Mixer - Special Inspection Services	(WR110)	Consultant		Terracon
	Original Agreement	Special Inspection Services Completed to Date Percent Complete	\$ \$	8,000.00 - 0.0%
WRF Digester Repairs and Improvements - Special Inspection Services	(WR074)	Consultant		Terracon
	Original Agreement	Special Inspection Services Completed to Date Percent Complete	\$ \$	10,000.00
WRF Utilities Mapping 2023 Update	(WR069)	Consultant		HR Green
	Original Agreement	Utility Mapping Completed to Date Percent Complete	\$ \$	90,000.00 70,401.64 78.2%
WRA General Facility Planning Services - FY 23/24	(WR069)	Consultant		Veenstra & Kimm
	Original Agreement	Design and Bidding Services Completed to Date Percent Complete	\$ \$	95,000.00 43,072.39 45.3%
WRF Renewable Natural Gas Feed Compressor Analysis	(WR102)	Consultant	A	VS Engineering LLC
	Original Agreement	Design and Bidding Services Completed to Date Percent Complete	\$ \$	32,000.00 - 0.0%

WRA Ingersoll Run Outlet, Phase 28, Segment 1 Archaeology Services	(WR088)		Consultant	Waps	si Valley Archaeology
		Original Agreement	Archaeology Services	s	2,901,147,44
		Original Agreement	Completed to Date	\$	1,158,725.21
			Percent Complete	J	39.9%
			r ercent Complete		33.370
WRA Joint & Common Trunk Sewer Improvements	(WR135)		Consultant		Snyder & Associates
		Onicio el Aconomia	Desire Blass Comits	e	2 476 712 20
		Original Agreement	Design Phase Services	\$	2,476,713.30
			Completed to Date	\$	267,417.38
			Percent Complete		10.8%
WRF Waste Activated Sludge Thickening Improvements	(WR137)		Consultant		HR Green
WRF Waste Activated Studge Finekening Improvements	(WKI57)		Consultant		TIK GICCII
		Original Agreement	Design and Bidding Phase Services	\$	252,600.00
			Completed to Date	\$	9,595.50
			Percent Complete	*	3.8%
WRA Flow Meter Improvements - 2023	(WR093)		Consultant	Sny	der & Associates, Inc.
		Original Agreement	Design and Bidding Phase Services	S	113,300.00
		original rigitellient	Completed to Date	Š	10,378.33
			Percent Complete		9.2%
			1 creent complete		7.270
WRF Building 75 Boilers and Heat Loop Improvements	(WR133)		Consultant		HR Green
		Original Agreement	Design and Bidding Phase Services	\$	77,000.00
		Original Agreement	Completed to Date	S	38,989.68
			Percent Complete	J	50.6%
			reicent Complete		30.076