

MODIFICATION OF CAPITAL PROJECTS REQUEST

RECOMMENDATION

The Executive Director and NTMWD staff recommend the Board of Directors authorize the Modification of Capital Projects Request in accordance with NTMWD's Board Policies Manual for project changes greater than \$100,000 and less than \$500,000.

I. CONSTRUCTION CHANGE ORDERS ONLY

WATER SYSTEM

- a. None.

WASTEWATER SYSTEM

- a. Project No. 501-0513-18, North McKinney Transfer Lift Station, Change Order No. 6.

Description	Amount	Days
Original Contract Amount	\$50,787,000.00	850
Prior Change Order(s) Total	\$331,715.35	40
Proposed Change Order No. 6		
Utilize line stop to install plug valve on 36-inch North McKinney Force Main	\$111,965.00	60
Proposed Change Order No. 6 Increase	\$111,965.00	60
Revised Contract Amounts	\$51,230,680.35	950

Original Completion Dates Phase I: Substantial – May 31, 2023; Final – July 30, 2023
Original Completion Dates Phase II: Substantial – November 7, 2023; Final – January 6, 2024

Revised Completion Dates Phase I: Substantial – September 8, 2023; Final – November 7, 2023

Revised Completion Dates Phase II: Substantial – February 15, 2024; Final – April 15, 2024

Funding in the amount of \$111,965.00 for Change Order No. 6 to Crescent-McKee Joint Venture, is available in the Upper East Fork Interceptor Construction Funds

- b. Project No. 301-0426-16, Sister Grove Regional Water Resource Recovery Facility, Work Change Directive No. 1 and No. 2

Description	Amount	Days
Original Contract Amount	\$359,134,722.91	991
Prior Change Order(s) Total	\$9,057,528.87	157
Proposed Work Change Directive No. 1 and No. 2		
Work change directive no. 1 related to Contract Modification Request (CMR) 60 – Peak flow basin (PFB) underslab drain revisions	\$171,731.25	45
Work change directive no. 2 related to Contract Modification Request (CMR) 62 – Peak flow basin (PFB) walkway bridges	\$221,189.85	30
Proposed Work Change Directive Increase	\$392,921.10	75

The District and the Construction Manager At-Risk (CMAR) have been unable to come to an agreement on the lump sum compensation for work added due to design revisions issued by the Engineer related to the peak flow basin under slab drain and walkway bridges. The Engineer has estimated a fair and reasonable cost and time extension for the work described in the work change directives. The Engineer, CMAR, and Program Manager recommend the District execute two work change directives to allow work to proceed as the CMAR's believes this work is on the project's critical path.

Funding in the amount of \$392,921.10 for Work Change Directive No. 1 and No. 2 to Garney Companies, Inc., is available in the Regional Wastewater System Clean Water State Revolving Fund contingent upon Texas Water Development Board approval of the contract and release of funding.

SOLID WASTE SYSTEM

- a. None.

II. AUTHORIZATION TO ISSUE CONSTRUCTION FINAL PAYMENT ONLY

Work on the following projects is substantially complete with only minor deficiencies remaining. Final payment in the total amounts shown will be made on these projects when the completion of all deficiency items is verified.

WATER SYSTEM

- a. None.

WASTEWATER SYSTEM

- a. None.

SOLID WASTE SYSTEM

- a. None.

III. CONSTRUCTION CHANGE ORDER AND AUTHORIZATION TO ISSUE FINAL PAYMENT ONLY

Work on the following projects is substantially complete with only minor deficiencies remaining. Final payment in the total amounts shown will be made on these projects when all work associated with the change order shown on the tabulation shall have been completed and accepted, and completion of all deficiency items is verified.

WATER SYSTEM

- a. None.

WASTEWATER SYSTEM

- a. Project No. 501-0439-16 Beck Branch Parallel Interceptor Phase II and Plano Spring Creek Force Main Parallel – Paving Installation, Change Order No. 1

Description	Amount	Days
Original Contract Amount	\$1,749,150.00	120
Prior Change Order(s) Total	\$0.00	0
Proposed Change Order No. 1		
Payment for overrun item No. 3 – Unclassified Removals	\$1,923.25	0
Credit for underused item No. 4 – Flexible Base	(\$4,500.50)	0
Credit for unused item No. 5 – Reinforced Concrete Pavement (8-inch, 4,000 PSI)	(\$193,120.00)	0
Payment for overrun item No. 6 – Remove and Replace Concrete Curb (18-inch from Back of Curb)	\$11,060.80	0
Credit for unused item No. 7 – Remove and Replace Concrete Curb (48-inch from Back of Curb)	(\$270.00)	0
Payment for overrun item No. 10 – Rout and Seal Transverse Joints and Cracks	\$11,529.00	0
Credit for underused item No. 13 – Block Sodding	(\$31,000.00)	0
Proposed Change Order No. 1	(\$204,377.45)	11
Final/Revised Contract Amounts	\$1,544,772.55	131

Original Completion Dates: Substantial – December 1, 2023; Final – January 30, 2024,
 Revised Completion Dates: Substantial – December 1, 2023; Final – February 10, 2024

Funding in the amount of (\$204,377.45) for Change Order No. 1 to Ed Bell Construction Company, will be credited back to the Upper East Fork Interceptor System Extendable Commercial Paper (ECP) Program.

SOLID WASTE SYSTEM

a. None.

IV. AMENDMENTS TO ENGINEERING, INSPECTION AND/OR LEGAL SERVICES ONLY:

WATER SYSTEM

a. Project No. 101-0558-20, Texoma Fiber Optic Improvements

DESCRIPTION	AMOUNT
Original Inspection Services Agreement (ISA)	\$276,000.00
Prior Additional Services	\$0.00
Additional Services	\$71,300.00
Additional civil and SCADA inspection hours for time extension on the project.	
Revised ISA Amount	\$347,300.00

Additional inspection services are 25.8 percent of the original authorization. The extended construction time and related inspection services are driven by the need to acquire new easements and modify the fiber alignment due to misalignment of the original pipeline within easements.

Funding in the amount of \$71,300.00 for Amendment No. 1 to Dietz Engineering, is available in the Regional Water System Capital Improvement Fund

WASTEWATER SYSTEM

a. Project No. 301-0471-17, Rowlett Creek Regional Wastewater Treatment Plant Peak Flow Management Improvements, Phase II

DESCRIPTION	AMOUNT
Original ESA	\$5,182,700.00
Prior Additional Services	\$2,641,313.00
Proposed Additional Services	\$96,540.00
Design of Membrane Bioreactor (MBR) waste activated sludge (WAS) pumps to operate with Phase II solids treatment train	\$96,540.00
Revised ESA Amount	\$7,920,553.00

The cumulative amount requested exceeds 25% of the original contract value. Design is near completion. NTMWD staff recommend approval of the additional engineering services on this report in lieu of an individual Administrative Memorandum.

Funding in the amount of \$96,540.00 for Amendment No. 12 to Hazen and Sawyer is available in the Regional Wastewater System 2019 Construction Fund.

SOLID WASTE SYSTEM

a. None