

**NORTH TEXAS MUNICIPAL WATER DISTRICT - CONSTRUCTION PROJECT LIST
MARCH 2022 THROUGH SEPTEMBER 2022**

3/4/2022

WATER SYSTEM PROJECTS:

Project	Description	Construction Cost Estimate	Estimated Bid*
Hailey Pump Station, Ground Storage Tank Rehabilitation and Site Improvements, and Forney to Terrell Pump Station Communications Tower	Improvements to pump station, tanks and Mesquite No. 1 delivery point. Addition of a communications tower at the Forney to Terrell Pump Station.	\$2M - \$5M	Mar-22
Texoma Raw Water Pipeline Fiber Optic Improvements	Install approximately 26 miles of fiber optic conduit, wire, and appurtenances along 72-inch Texoma Raw Water Pipeline from Howe Balancing Reservoir to Texoma Raw Water Pump Station	\$2M - \$5M	Mar-22
Wylie WTP II, Structural and Mechanical Improvements Phase II	Structural and mechanical improvements at Wylie WTP II filters, clearwells, and backwash pump station. (MWH Constructors is the Construction Manager At-Risk)	\$6M - \$15M	Mar-22
Wylie WTP Ammonia System Improvements	Improvements to existing ammonia facilities at all four Wylie Water Treatment Plant. (MWH Constructors is the Construction Manager At-Risk)	\$16M - \$25M	Apr-22
North System Air Valve Improvements Phase II	Addition or replacement of air valves in the North Distribution System.	\$6M - \$15M	Apr-22
East System Control Valve Vault	Add a new meter valve vault that will service between High Service Pump Station (HSPS) 3-1 and the East transmission system. Includes the addition of a 48-inch bypass pipeline for the new valve vault to allow more flow through the bypass into the East transmission system.	\$2M - \$5M	Apr-22
Wylie WTP III, Outfall Improvements	Improvements and upgrades at the Wylie Water Treatment Plant III for stormwater runoff.	\$2M - \$5M	Apr-22
Bonham WTP Intake Improvements	Dredging the intake channel at the Bonham Water Treatment Plant.	< \$2M	Jun-22
Systemwide Meter Vault Improvements - Setpoint Control Phase IV	New control valve, associated piping, flow meter, vault, and electrical enclosure at Phase IV delivery points.	\$6M - \$15M	Jun-22
Park Boulevard Extension Project	Waterline relocations to accommodate road widening of Park Boulevard in Wylie.	< \$2M	Jul-22
36" Plano West Side Pipeline (to Plano No. 3 and Richardson No. 2)	Construct a new 36-inch parallel water transmission pipeline to add redundancy and replace aging infrastructure at two delivery point locations.	\$16M - \$25M	Aug-22
Wylie WTPs I-IV, Filter Media Improvements	Replacement of existing filter media	\$6M - \$15M	Aug-22
High Service Pump Stations 2-2 and 2-3 Control Valve Improvements	Pump control valve improvements at high service pump stations 2-2 and 2-3.	\$6M - \$15M	Sep-22
Systemwide Meter Vault Improvements - Setpoint Control Phase V Package A	New control valve, associated piping, flow meter, vault, and electrical enclosure at Phase V delivery points. Construction will be split into two packages.	\$16M - \$25M	Sep-22
Trinity River Main Stem Pump Station Lock and Dam Structure	Erosion control requires armoring of the channel abutments to prevent scouring. Anchor structure to increase stability	< \$2M	Sep-22
Shiloh System Ground Storage Tank	New ground storage tank with associated yard piping, site work, and SCADA in NTMWD's South Transmission System.	\$6M - \$15M	Sep-22

Notes:

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WASTEWATER SYSTEM PROJECTS:

Project	Description	Construction Cost Estimate	Estimated Bid*
Sloan Creek Force Main	Construction of approximately 9 miles of dual 12-inch and 20-inch force main from the Sloan Creek Lift Station to the Wilson Creek Lift Station.	\$6M - \$15M	Mar-22
Rowlett Creek Regional WWTP Peak Flow Management Phase II Electrical Improvements	Upgrades to existing electrical equipment (replacement of two Motor Control Control Centers) and electrical building with blowers on the wastewater treatment plant site.	< \$2M	Mar-22
Rowlett Creek Regional WWTP Peak Flow Management Phase IIA Solids Improvements	Plant improvements on the solids side to expand peak flow treatment capacity to 77.5 MGD.	\$26M - \$50M	Mar-22
Wilson Creek Transfer Force Mains	Approximately 15,900 linear feet of two transfer forcemains (36-inch/42-inch or twin 42-inch) from the Wilson Creek Lift Station to the North McKinney Lift Station.	\$16M - \$25M	Mar-22
South Mesquite Regional WWTP Peak Flow Management and Expansion, Partial GMP No. 1 - (Archer Western Construction, LLC is Construction Manager At-Risk)	Early peak flow improvements package.	\$6M - \$15M	Apr-22
McKinney East Side Extension Improvements	Construction of replacing approximately 3 miles of gravity interceptor with 54/60-inch sewer from North McDonald Street to the North McKinney Lift Station.	\$16M - \$25M	Apr-22
Buffalo Creek Interceptor Tunnel	Construction of approximately 2 miles of 78-inch deep gravity tunnel interceptor between the Buffalo Creek Lift Station and the South Mesquite Regional WWTP. The tunnel will cross under the East Fork of the Trinity River.	\$26M - \$50M	Apr-22
Upper East Fork Interceptor System Bypass Connection and Phase II Valve Improvements	Replace inoperable gate valves at various locations with plug valves. Replace 21 isolation valves, 3 check valves, and 2 surge valves with air valves. Install bypass connections at 4 lift stations. For lift stations that cannot be isolated, provide an outside bypass connection valve to the force main in order to divert the lift station completely.	\$2M - \$5M	Apr-22
Sabine Creek WWTP Expansion to 7 MGD	Expansion of the Sabine Creek WWTP with peak flow basins, influent lift station among other treatment facilities.	> \$50M	May-22
Muddy Creek WWTP Operations Building Improvements	Expand Operations Building to include offices, training room, restrooms, lockers, and meeting space.	< \$2M	Jun-22
South Mesquite Regional WWTP Peak Flow Management and Expansion, Partial GMP No. 2 - (Archer Western Construction, LLC is Construction Manager At-Risk)	Addition of a Peak Flow Basin and an Influent Lift Station as first phase towards expansion of the South Mesquite Regional WWTP to 41 MGD Annual Average Daily Flow.	> \$50M	Jul-22
McKinney-Prosper Transfer Sewer Phase I	Parallel 10,540 linear feet of 72/54-inch gravity sewer line from Wilson Creek Lift Station to US-75. Bore across US-75.	\$16M - \$25M	Aug-22
Forney Mustang Creek Lift Station Phase II and Forney Mustang Creek Parallel Force Main	Replace existing 16-inch/18-inch force main with a 36" to accommodate growth. Abandon the upper portion of the force main and reconnect to the Forney Mustang Creek Lift Station. Upgrade the lift station that is currently under construction from 12 MGD to 30 MGD to handle growth.	\$16M - \$25M	Aug-22
Rowlett Creek Regional Wastewater Treatment Plant (RWWTP) Operations Building	Construct a new operations building for NTMWD personnel at the Rowlett Creek Regional WWTP.	\$6M - \$15M	Aug-22

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SOLID WASTE SYSTEM PROJECTS:

Project	Description	Construction Cost Estimate	Estimated Bid*
121 RDF Heavy Equipment Shop Addition	Expansion of the existing facility for additional parts room, storage, and maintenance work bays.	\$2M - \$5M	Apr-22
121 RDF South Slope Closure	Final landfill cover for 75 Acres on the south slope of the 121 RDF Landfill.	\$2M - \$5M	Jul-22

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