



Legislation Text

File #: 2023-203, **Version:** 1

Consider a resolution authorizing the Mayor to execute a Contract for Engineering Services with AECOM Technical Services, Inc. for the Water Treatment Plant Miscellaneous Improvements Project.

The City of Round Rock owns and operates a surface water treatment plant (WTP) south of Westinghouse Road. The WTP can treat approximately 52 million gallons of water per day through three existing treatment plant phases known as Phase 3, Phase 4, and Phase 5. These treatment plant phases were constructed between 1996 and 2003. Due to the age of the treatment plant phases, various equipment and piping has reached the end of its useful life and is becoming a maintenance issue.

The City requested AECOM review the condition of miscellaneous piping and equipment and develop a rehabilitation plan to replace failing components. The project will evaluate and replace the chemical piping associated with the alum and polymer chemical feed systems. These chemical systems are required for the water treatment plant to operate effectively. Additionally, the project will replace the wash down water piping associated with all phases of the treatment plant. Other plant improvements include installing sample lines from different points in the treatment process to the existing laboratory, and replacement of valve operating stems that have failed.

The total cost of the contract is \$257,490 and includes the engineering and bid phase services for the project.

Cost: \$257,490

Source of Funds: Self-Financed Water Construction