

AGENDA REPORT

DATE March 18, 2008

ITEM: ENGINEERING SERVICES CONTRACT: WATER TREATMENT PLANT HEADHOUSE FLOOR REPLACEMENT, O.F. 1332.6.

INITIATED BY: PUBLIC WORKS DEPARTMENT / ENGINEERING DIVISION

ACTION REQUESTED: APPROVE ENGINEERING CONTRACT

PRESENTED BY: JIM REARDEN, PUBLIC WORKS DIRECTOR

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RECOMMENDATION: Approve Engineering Contract between the City of Great Falls and Thomas, Dean, & Hoskins, Inc. (TD&H) for engineering services to be performed for the Water Treatment Plant Headhouse Floor Replacement, O.F. 1332.6 for a professional services fee not to exceed \$47,200.

MOTION: "I move the City Commission approve the Engineering Contract between the City of Great Falls and TD&H for engineering services for the Water Treatment Plant Headhouse Floor Replacement, O.F. 1332.6, and authorize the Interim City Manager to execute the contract."

SYNOPSIS: City Staff has negotiated a professional engineering services contract (attached) with TD&H to provide project design, construction inspection, and contract administration for the replacement of the concrete floor in the headhouse at the Water Treatment Plant.

This project will evaluate the concrete floor in the Water Plant's headhouse and develop the best solution for replacement. TD&H will then design the project and put it out for bid. During construction TD&H will perform inspections and administer the project. City Engineering Staff will assist with project administration duties.

BACKGROUND: This is one of a series of projects to install plant operational improvements and handle needed maintenance. During a previous construction project, the concrete floor in the Water Plant's headhouse was found to be in poor condition. The plan had been to chip away the deteriorated surface concrete down to solid concrete and then pour a new concrete surface. During the chipping operation, no firm concrete was found throughout the depth of the floor. It was decided a total replacement of the floor would be needed. The headhouse contains one of the plant's four alum tanks used for water treatment and various electrical equipment needed for plant operations. Replacement of the floor will make this space usable again and resolve future safety and structural problems.