



CITY COUNCIL AGENDA ITEMS

To: Mayor Graham and City Council
From: Dennis Sullivan, Director of Public Works
Walter Denton, City Administrator
Date: May 4, 2009
Subject: RESOLUTION – New Clarifier and Headworks, HMG Agreement for the Design

List of committees that have reviewed: Public Works

Background: The two existing clarifiers at the Wastewater Treatment Plant (WWTP) are nearing capacity and are in need of repair. The clarifiers cannot be taken out of service for long enough periods of time to correct all the problems; therefore, a third clarifier is needed for redundancy as well as to address capacity issues. The third clarifier will be a copy of the existing two which serve the City well and were designed by HMG Engineers. Time has unfortunately caught up with them and repairs are needed to extend their lives. The existing headworks does not remove the grit and solids to the efficiency needed and the mechanical device is reaching obsolescence. As with the clarifiers, there is no redundancy and when the existing device is taken out of service for extended repair, the plant is fouled with grit and solids. Additionally, due to the corrosive environment in and around the headworks, the electrical service panels and lines are in need of replacement.

Legal Considerations, if any: None, beyond normal consideration when obtaining professional services.

Budget Impact: The professional services desired will be funded from the stimulus funds if received by the City. City funds will only be used for preparation of the needed loan application materials (less than \$10,000) and if the loan is approved for design prior to reimbursement by loan funds. This is similar to the existing condition with the water tower project where the City pays the contractor's invoices and then IEPA reimburses the City with the loan funds as the City invoices IEPA.

Staff recommendation: Staff recommends approval of the contract with HMG in an amount not to exceed \$493,200.