

**City Council  
Agenda Memo**



**City Council  
Meeting Date: November 21, 2013**

**TO: Larry D. Gilley, City Manager**

**FROM: Tommy O'Brien, Director of Water Utilities**

**SUBJECT: Oral Resolution Authorizing Execution of Amendment No. 3 to the Professional Engineering Services Agreement with Enprotec/Hibbs & Todd to Design Improvements to the Hamby Wastewater Treatment Plant**

**GENERAL INFORMATION**

The current drought is having a severe impact on the City's water supplies. To prepare for the continuation of the current drought, improvements to the Hamby Wastewater Treatment Plant (Hamby WWTP) will be made that will increase performance and reliability of the plant to treat raw wastewater to standards imposed by the Texas Commission on Environmental Quality, and will provide the option of advanced wastewater treatment to allow the advanced treated wastewater to be directed into Lake Fort Phantom Hill, if that becomes necessary.

On May 20, 2013, the City Council authorized execution of Amendment No. 2 to the Professional Engineering Services Agreement with Enprotec/Hibbs & Todd (eHT), and its team of consultants, to conduct final evaluations and to provide preliminary design of the improvements to the Hamby WWTP. Final evaluations and preliminary design have been completed. eHT and its team of consultants are prepared to proceed with final design and construction phase services.

It is anticipated that construction of some of the facilities will begin in December, 2013. Major elements of the estimated \$64 million construction project that will be designed by eHT and its team of consultants include: preliminary treatment systems (coarse and fine screens, grit removal, and flow equalization); secondary treatment systems (biological nutrient removal; and membrane bioreactor system); and advanced treatment systems (reverse osmosis, ozone, and biologically active filtration).

Staff is requesting authorization to amend the Hamby WWTP Professional Services Agreement with eHT to provide final design of the improvements to the Hamby WWTP, start-up services, and resident project representation for daily oversight of work during construction of the improvements. The advanced treatment systems are targeted to be operational by the end of 2014, with all construction work targeted for completion by the end of May, 2015. Work under Amendment No. 3 will be structured for reimbursement based on actual time spent and expenses, with total compensation not to exceed \$8,155,100.

**FUNDING/FISCAL IMPACT**

The proposed engineering services will be funded from the proceeds of the 2013 Series Certificates of Obligations that were sold on October 24, 2013.

**STAFF RECOMMENDATION**

Staff recommends approval.

**ATTACHMENTS**

None.

Prepared by:  Name <u>Tommy O'Brien</u>  Title <u>Director of Water Utilities</u>	Item No. <u>7.2</u>	Disposition by City Council <input type="checkbox"/> Approved          Ord/Res# <input type="checkbox"/> Denied                 _____ <input type="checkbox"/> Other  _____ City Secretary
---	---------------------	--