

**City Council
Agenda Memo**



**City Council
Meeting Date: June 25, 2015**

TO: Robert Hanna, City Manager
FROM: Rodney Taylor, Interim Director of Water Utilities
SUBJECT: Written Resolution authorizing an amendment to the On Demand General Engineering Services Contract for Engineering Services for the Relocation of the Elmdale Pump Station and Water Line Improvements Project.

GENERAL INFORMATION

There exists a professional services contract with Jacob and Martin, Ltd. for On Demand General Engineering Services for the City of Abilene Water Department. This amendment to the on demand contract is for Engineering Services for the Relocation of the Elmdale Pump Station and Water Line Improvements project (Amendment). The Amendment has a value not to exceed \$150,000.00.

The Elmdale Pump Station (EPS) is located in far east Abilene adjacent to Interstate Highway 20. The EPS is an important component of Abilene's potable water distribution system and is heavily relied upon to meet the residential, industrial and wholesale water customer demands on the far east end of Abilene's Second Pressure Plane (2PP). The EPS is supplied water from the First Pressure Plane (1PP) via approximately X miles of parallel 12inch and 16inch diameter water mains. Because of the high elevation of the EPS and the friction losses in the lengthy pipelines, there is not an adequate quantity of water to supply the EPS.

Abilene contracted with Jacob & Martin, Ltd. (J&M) to evaluate the EPS and the east end of the 2PP and make a recommendation to City staff for resolving the issues with the EPS. J&M recommends relocating the EPS to a site near a large distribution supply pipeline of the 1PP, installing a ground storage tank, and constructing related pipeline improvements in the 2PP. In response to a routine comprehensive compliance investigation (CCI) by the Texas Commission on Environmental Quality (TCEQ) Abilene must implement a permanent solution for the EPS by March 2016. The Amendment authorizes J&M to provide the professional engineering services necessary for preparation of plans and contract documents, and provide bidding assistance, construction oversight, and contract administration for the relocation of the EPS and water line improvements. The Amendment does not provide for Resident Project Representation. The Amendment has a value not to exceed \$150,000.00 and the funds will come from the Water Department FY 2015 Operating Budget.

STAFF RECOMMENDATION

It is recommended that the City Council authorize the Amendment as described above.

ATTACHMENT

N/A

Prepared by: Name: Rodney Taylor Title: Interim Director of Water Utilities	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
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RESOLUTION NO. _____

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF ABILENE, TEXAS,
AUTHORIZING AN AMENDMENT TO THE ON DEMAND CONTRACT WITH
JACOB AND MARTIN, LTD FOR ENGINEERING SERVICES FOR THE
RELOCATION OF THE ELMDALE PUMP STATION AND WATER LINE
IMPROVEMENTS PROJECT**

WHEREAS, The City of Abilene (City) owns and operates the Elmdale Pump Station (EPS) facility located in far east Abilene; and

WHEREAS, the EPS is an important component of Abilene's potable water distribution system, and is heavily relied upon to meet the residential, industrial and wholesale water customer demands on the far east end of Abilene's Second Pressure Plane (2PP); and

WHEREAS, the EPS is supplied water from the First Pressure Plane (1PP), but because of the high elevation of the EPS and the great distance separating the EPS from the large supply lines of the 1PP, there is not an adequate quantity of water to continuously supply the EPS; and

WHEREAS, in a letter to City dated September 15, 2014 the Texas Commission on Environmental Quality granted a temporary exception for the continued operation of the EPS, with the stipulation that Abilene must implement a permanent solution within 18 months; and

WHEREAS, Abilene contracted with Jacob & Martin, Ltd. (J&M) to evaluate the EPS and the east end of the 2PP and make a recommendation to City staff for resolving the issues with the EPS, and J&M does recommend relocating the EPS near a large distribution supply pipeline of the 1PP, installing a ground storage tank, and constructing related pipeline improvements; and

WHEREAS, there exists a professional services contract with J&M for On Demand General Engineering Services for the City of Abilene Water Department, and City staff recommends that the on demand contract be amended to authorize J&M to provide the professional engineering services necessary for preparation of plans and contract documents, bidding assistance, construction oversight, and contract administration for the relocation of the EPS and water line improvements; and

**NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE
CITY OF ABILENE, TEXAS:**

That the City Manager is authorized to execute an amendment to the Professional Services contract with J&M for On Demand General Engineering Services for the City of Abilene Water Department, and the Amendment is for Engineering Services for the Relocation of the Elmdale Pump Station and Water Line Improvements project in an amount not to exceed \$150,000.

ADOPTED this 25th day of June, 2015.

ATTEST:

Danette Dunlap, City Secretary

Norman Archibald, Mayor

APPROVED:

T. Daniel Santee, City Attorney