

CITY OF HIGH POINT

AGENDA ITEM



Title: Ward Tank Replacement – New Tank Design

From: Terry Houk – Public Services Director
Carol McDowell – Asst. Director Public Services

Meeting Date: June 15, 2015

Public Hearing: N/A

Advertising Date: N/A

Advertised By: N/A

Attachments: Attachment A – Map Existing Ward Tank and New Tank Locations
Attachment B – Pictures of Existing I-74 and Ward Tanks

PURPOSE:

To design a new 1 million gallon elevated water tank which will be located at 1329 Potts Avenue to replace the existing Ward Tank currently located at 1702 Bradley Place.

BACKGROUND:

The existing tank has structural issues due to age and deterioration of metal that require the replacement of the tank. The Public Services Department requires the assistance in project management, field survey and geotechnical review, design, permitting and bidding services for the construction of the new elevated water tank.

This new tank is critical for the water system for water supply and fire flow protection. In order to maintain water supply and fire flow protection the current water tank will stay operational during construction of the new tank. After construction is complete and the new tank is certified for proper operation the existing old tank will be demolished.

CDM Smith is an approved engineering firm for On-Call Engineering Services with the City of High Point. CDM Smith has considerable knowledge and expertise in the design of elevated water storage tanks. The new tank design will be similar to the I-74 Tank.

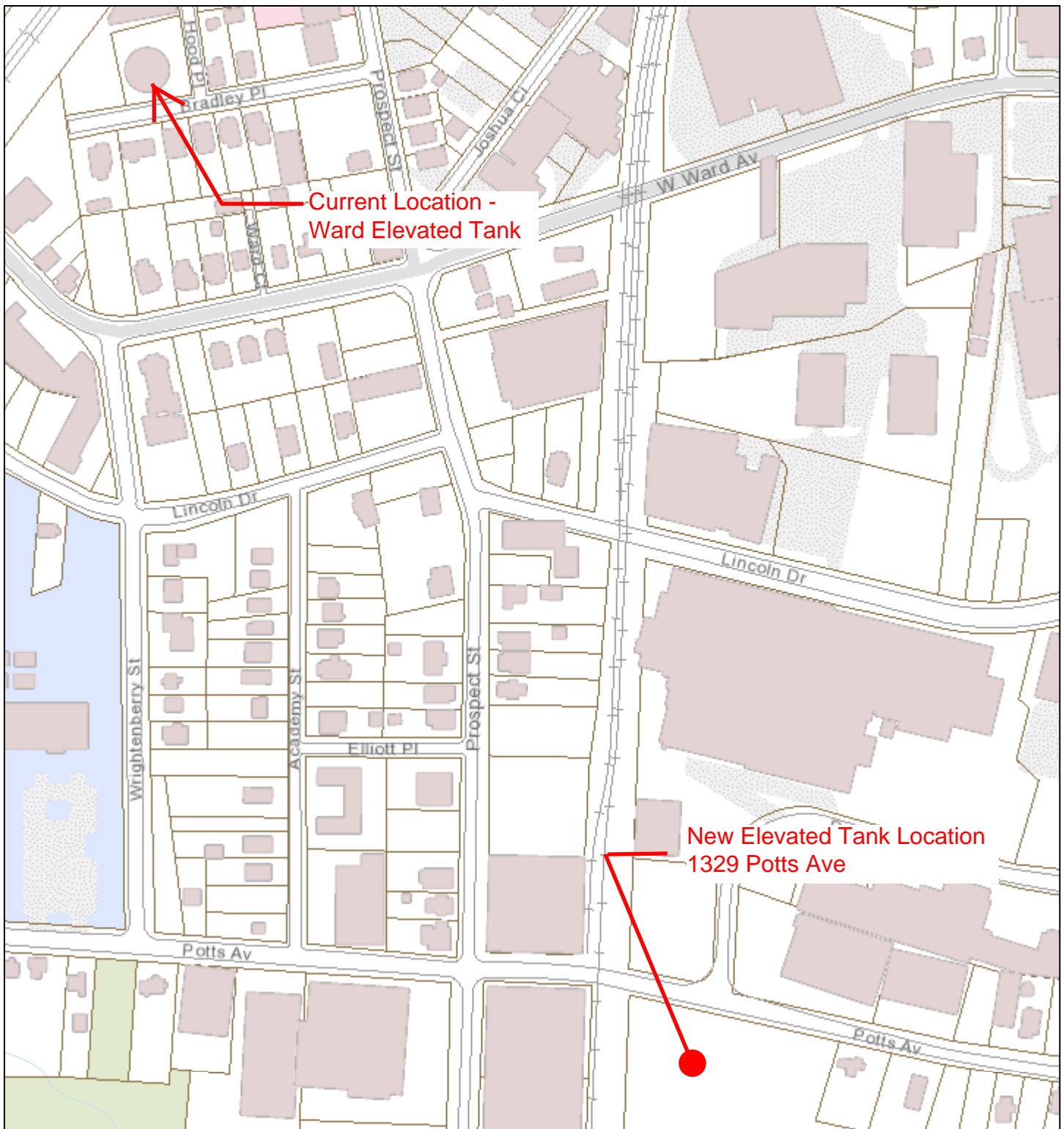
BUDGET IMPACT:

Funds for this project are in the following account: 421779-533701-421141026505-40205

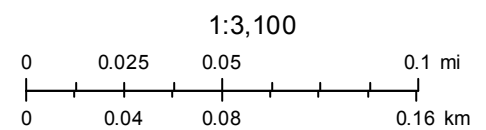
RECOMMENDATION / ACTION REQUESTED:

The Public Services Department recommends approval of the contract with CDM Smith in the amount of \$182,200.00 and that the appropriate City official and/or employee be authorized to execute all necessary documents.

Attachment A - Agenda Map



June 9, 2015



Attachment B – I-74 Elevated Water Tank



New elevated tank at 1329 Potts Avenue will be similar to the I-74 Tank.