

CITY OF HIGH POINT

AGENDA ITEM



Title: Riverdale Pump Station Expansion Amendment 2 – Hazen and Sawyer

From: Terry Houk – Public Services Director
Derrick Boone – Public Services Asst. Director

Meeting Date: May 18, 2020

Public Hearing: N/A

Advertising Date: N/A
Advertised By: On-Call

Attachments: Attachment A – Change Order Document

PURPOSE: To approve Amendment 2 to the Hazen and Sawyer contract (purchase order 98765) for providing additional engineering services related to the Riverdale pump station expansion project.

BACKGROUND: The City of High Point transfers wastewater flow to the Eastside WWTP via the Riverdale Pump Station from areas located on the north side of the city. This is the City's largest pump station. During Hurricane Florence, the pump station flooded resulting in damage to three (3) pumps. While still under the emergency bypass, the Public Services is expanding the Riverdale Lift Station. The expansion will include a 10 MGD submersible pump and a second force main that will discharge to the Eastside Wastewater Treatment Plant. Hazen/DMP are performing the following work: Gravity design, coordination between new force and connection to gravity system, interconnection between submersible and existing force main, structural modifications, odor control, construction and administration and inspection services.

BUDGET IMPACT: Funds for this project are available in the FY 2019-2020 Budget.

RECOMMENDATION / ACTION REQUESTED: The Public Services Department recommends approval and asks for the Council to approve Amendment 2 to Hazen and Sawyer for additional design, construction administration and inspection services in the amount of \$ 506,727.



Hazen and Sawyer
620 Green Valley Road, Suite 101
Greensboro, NC 27408

May 7, 2020

Mr. Terry Houk
Public Services Director
211 S. Hamilton Street
High Point, NC 27261

**Re: PO# - 98765 Riverdale Pump Station Expansion Project
Amendment 2**

Dear Mr. Houk:

Please find the enclosed request for an amendment to the Riverdale Pump Station Expansion Project, Purchase Order No. 98765 to provide additional services.

Amendment 1 was submitted to extend time through December 2019. Due to the extended construction schedule and required working hours, additional construction management time is required to complete the project. The construction schedule is expected to last into July 2020. Through the end of April 2020, Hazen field staff have spent nearly 2,500 hours and approximately \$30,000 of reimbursable lodging expenses through just over 8 months. We are requesting an extension of \$506,727 to the not to exceed amount.

Also included in this amount are costs to compensate for additional design services on the gravity section of sewer line to accommodate the Register's Creek force main and the extension of the force main from the Material Recovery Facility.

The total amendment requested modifies PO No. 98765 from a current budget of \$706,070 to a budget of \$1,212,797 as shown in the table provided below.

Task No.	Task	Billing Type	Current Fee	Costs Incurred to Date	Additional Fee Requested	Total Fee
110	DMP – GS Design	Lump Sum	\$ 64,405.00	\$ 68,706.00	\$ 10,725.00	\$ 75,130.00
120	DMP – Procurement Assistance	Lump Sum	\$ 4,400.00	\$ -	\$ -	\$ 4,400.00
130	DMP – Property Acquisition Assistance	Hourly, NTE	\$ 8,250.00	\$ 6,705.82	\$ -	\$ 8,250.00
210	Hazen – Pump Station Design	Lump Sum	\$ 87,400.00	\$ 123,260.29	\$ 35,861.00	\$ 123,261.00
610	Hazen – Consultant Coordination and Bidding	Hourly, NTE	\$ 52,520.00	\$ 28,370.00	\$ -	\$ 52,520.00
710	Hazen – Office CA	Hourly, NTE	\$ 77,880.00	\$ 170,385.00	\$ 142,290.00	\$ 220,170.00
720	DMP – Office CA	Hourly, NTE	\$ 29,480.00	\$ -	\$ -	\$ 29,480.00
810	Hazen – RPR Services	Hourly, NTE	\$ 240,000.00	\$ 416,357.50	\$ 295,852.00	\$ 535,852.00
820	DMP – RPR Services	Hourly, NTE	\$ 141,735.00	\$ -	\$ -	\$ 141,735.00
900	Construction Materials Testing - Summit	Hourly, NTE	\$ -	\$ 16,449.95	\$ 22,000.00	\$ 22,000.00
Total			\$ 706,070.00	\$ 830,234.56	\$ 506,727.00	\$ 1,212,797.00

Job no

Please feel free to call me should you have any questions regarding the amendment request.

Best Regards,

A handwritten signature in blue ink, appearing to read 'A. Babson'.

Aaron D. Babson, PE
Senior Associate

Enclosure

cc: Alan Stone

