



**Benbrook Water Authority
Regular Board Meeting
May 19, 2020 at 6:00 p.m.
1121 Mercedes Street
Benbrook, TX 76126**

[Notice](#) (click here to view)

1. Call To Order
2. Invocation
3. Opening Remarks Regarding Remote Meeting Format
4. Citizen Comment On Any Agenda Item
5. Consent Agenda

Items listed under Consent Agenda are considered routine and are enacted under one motion. The exception to this rule is that a Board Member, Citizen or General Manager may request one or more items to be removed from the Consent Agenda for separate discussion and action.

 - 5.I. Minutes From May 5, 2020 Regular Board Meeting
 - 5.II. Financial Statement For April 2020

Revenues	\$734,406.87
Expenditures	\$923,627.14
 - 5.III. Disbursements For April 2020

Deposits & Credits	\$623,756.70
Disbursements	\$719,998.52
6. Reports Of Manager
 - 6.I. Contents
 - Miscellaneous
 - BWA Operations Status
 - Customer Service / Billing Update
 - Bylaws
 - Development Update
 - Studies
 - 2016 Bond Fund Projects
 - 2019 Bond Fund Projects
7. New Business
 - 7.I. Consider, Discuss, And Possibly Approve SAPES With Kennedy/Jenks Consultants For High Service Pump Station & Yard Piping Improvements At BWA Water Treatment Plant (Project No. 2020-114)

Documents:

[SAPES SR 2020-114.PDF](#)

8. Public Comment

All persons wishing to provide public comment should complete a public comment information form and submit it to the General Manager before the meeting.

Documents:

[PUBLIC COMMENT FORM.PDF](#)

9. Director / Staff Comment

Announcements from Board Members and / or Staff; there will be no discussion or formal action taken on these items.

10. Executive Session

Conduct Closed Executive Session Pursuant to Government Code Section 551.071, to consult with the BWA Attorney Regarding Pending or Contemplated Litigation, Settlement Offers, or on Matters in Which the Duty of the Attorney to the BWA under the Texas Disciplinary rules of Professional Conduct Clearly Conflicts with Chapter 551 Government Code.

Any other item set forth in any section of this notice / agenda

Section 551.071, to discuss real estate / real property transaction

11. Re-Convene In Open Meeting

Take any Action Necessary from Executive Session

12. Adjournment

13. Work Session

Discussion of current / future agenda items



Staff Report

Meeting Date

May 19, 2020

New Business Item #1

Subject

WTP High Service Pump Station & Yard Piping Improvements - Final Design & Construction Phase Services
Project No. 2020-114

Recommendation

Staff recommends the Board of Directors approve the Standard Agreement for Professional Engineering Services (SAPES) with Kennedy/Jenks Consultants for the High Service Pump Station (HSPS) & Yard Piping Improvements at the BWA Water Treatment Plant as described herein.

Background/Analysis

The High Service Pumps at the Water Treatment Plant are a critical part of the Authority's infrastructure, pumping treated potable water into the water distribution system. Pursuing this project was previously proposed and approved by the BWA Board in September 2018, and the Engineer authorized to prepare a Preliminary Engineering Report presenting the results of various alternatives evaluated, giving consideration to the location and type of pumping facilities to be constructed as well as the routing of high service piping and valves.

The project, as proposed, will address multiple objectives:

- Renewal of aging infrastructure. The existing pumping facility and piping to be replaced was originally constructed with the original water treatment plant in the 1970's and requires renewal and/or replacement.
- Expansion of high service pumping capacity. This HSPS Rehabilitation and Expansion was identified in the latest Water System Master Plan, adopted in 2016 (Project No. 4). The Master Plan proposed a 3.0 million gallon per day (MGD) high service pumping capacity increase, from 12.68 MGD to 15.68 MGD.

Preliminary Engineering report recommendations included the construction of a new pump station to include four (4) fixed-speed vertical turbine pumps to be located on the north side of the WTP property. The preliminary opinion of probable construction cost is \$1,551,665.

For this project, BWA Staff negotiated a SAPES with Kennedy/Jenks Consultants for the design, bidding and construction phase engineering services required. The proposed scope of services includes design of facilities previously proposed, including the pump station, installing new (larger) pipe penetrations into the existing ground storage tank (the water source for the pumps), removal and replacement of existing (aging) water discharge piping and various site improvements such as site grading and security fencing. These services are generally divided into three project phases: Design Phase, Bid Phase, and Construction Phase.

Engineering effort will be billed on an hourly basis, in accordance with the Engineer's hourly rate/fee schedule. Design phase services will be provided for an amount not to exceed \$285,905. Bid phase services will be provided for a not-to-exceed amount of \$11,462. Construction phase services will be provided for a not-to-exceed amount of \$97,740.

Financial Impact

Funds for the engineering services for the project (totaling \$395,107 for all phases) are available from 2019 Bond Funds.

