

TASK ORDER NO. 2

Task Order

In accordance with Paragraph 1.01 of the Agreement Between Owner and Engineer for Professional Services – Task Order Edition, dated September 8, 2017 ("Agreement"), Owner and Engineer agree as follows:

1. Background Data

- a. Effective Date of Task Order: _____, 2017
- b. Owner: City of Kyle, Texas
- c. Engineer: HDR Engineering, Inc.
- d. Specific Project (title): FM 1626 Pump Station Improvements
- e. Specific Project (description): Installation of a new 500,000 gallon ground storage tank, new vertical turbine pumps and backup power

2. Services of Engineer

- A. The specific services to be provided or furnished by Engineer under this Task Order are:

See Exhibit A

- B. Resident Project Representative (RPR) Services

Does not apply

- C. Designing to a Construction Cost Limit

Does not apply

- D. Other Services

Does not apply

- E. All of the services included above comprise Basic Services for purposes of Engineer's compensation under this Task Order.

3. Additional Services

- A. Additional Services that may be authorized or necessary under this Task Order are:

Does not apply

Owner's Responsibilities

Owner shall have those responsibilities set forth in Article 2 of the Agreement, subject to the following:
See Exhibit A

4. Task Order Schedule

In addition to any schedule provisions provided in Exhibit A or elsewhere, the parties shall meet the following schedule:

See Exhibit A

5. Payments to Engineer

- A. Owner shall pay Engineer for services rendered under this Task Order as follows:

See Exhibit A

Compensation items and totals based in whole or in part on Hourly Rates or Direct Labor are estimates only. Lump sum amounts and estimated totals included in the breakdown by phases incorporate Engineer's labor, overhead, profit, reimbursable expenses (if any), and Consultants' charges, if any. For lump sum items, Engineer may alter the distribution of compensation between individual phases (line items) to be consistent with services actually rendered, but shall not exceed the total lump sum compensation amount unless approved in writing by the Owner.

- B. The terms of payment are set forth in Article 4 of the Agreement.

6. Consultants retained as of the Effective Date of the Task Order:

Does not apply

7. Other Modifications to Agreement and Exhibits:

Does not apply

8. Attachments: Exhibit A

9. Other Documents Incorporated by Reference: N/A

10. Terms and Conditions

Execution of this Task Order by Owner and Engineer shall make it subject to the terms and conditions of the Agreement (as modified above), which Agreement is incorporated by this reference. Engineer is authorized to begin performance upon its receipt of a copy of this Task Order signed by Owner.

The Effective Date of this Task Order is _____, 2017

OWNER:

ENGINEER:

By: _____

By:  _____

Print Name: _____ Travis Mitchell

Print Name: _____ Kelly Kaatz, P.E.

Title: _____ Mayor

Title: _____ Senior Vice President

Engineer License or Firm's
Certificate No. (if required): _____ F-754
State of: _____ Texas

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

ATTEST _____
Jennifer Vetrano, City Secretary

Name: _____ John Marler, P.E.

Title: _____ Associate

Address: _____ 4401 West Gate Blvd., Ste. 400,
Austin, TX 78745

E-Mail
Address: _____ john.marler@hdrinc.com

Phone: _____ 512-912-5188

Task Order Form

EJCDC® E-505, Agreement Between Owner and Engineer for Professional Services – Task Order Edition.
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**TASK ORDER NO. 2
EXHIBIT A
SCOPE OF SERVICES**

The City of Kyle (City) has identified the need to increase both storage and pumping capacity at the existing FM 1626 Pump Station. HDR will provide preliminary engineering to define the scope of the project and to develop a preliminary Opinion of Probable Construction Cost for the proposed improvements. This task order will then be amended to include design, bidding and construction administration services for the final project scope.

Major scope items that are anticipated to be included in this project are listed below.

1. Installation of a new 500,000 gallon ground storage tank.
2. Installation of a new vertical turbine can pump adjacent to the existing pumps.
3. Installation of a backup power generator at the site.

Anticipated service to be provided by HDR

Data Collection – HDR will review available engineering drawings and specifications of existing facilities and the City's capacity requirements associated with the proposed improvements. A site visit to the project site will be conducted to observe surface features and site information.

Surveying – HDR will engage the services of a surveyor to provide a topographic survey of the existing site in order to gather the necessary data to develop the construction drawings. It is assumed that all work associate with this contract will be located entirely within the existing City owned site.

Geotechnical – HDR will engage the services of a geotechnical laboratory to drill one exploratory boring to a depth of 25 feet, collect samples, and perform lab analysis. The soils data will be compiled into a geotechnical data letter report. HDR will incorporate the geotechnical design criteria into the preliminary tank foundation design based on the boring data.

Preliminary Engineering – Upon execution of this Task Order from Owner, Engineer shall:

1. Consult with Owner to define and clarify Owner's requirements for the Project, including design objectives and constraints, space, capacity and performance requirements, flexibility, and expandability, and any budgetary limitations, and identify available data, information, reports, facilities plans, and site evaluations.
2. Prepare Preliminary Design Phase documents consisting of final design criteria, preliminary drawings, outline specifications, and written descriptions of the Project.
3. Make up to 2 site visits as needed to prepare the Preliminary Design Phase documents.

4. Identify, consult with, and analyze requirements of governmental authorities having jurisdiction to approve the portions of the Project to be designed or specified by Engineer, including the TCEQ and TxDOT.
5. Based on the information contained in the Preliminary Design Phase documents, prepare a preliminary Opinion of Probable Construction Cost, and assist Owner in tabulating the various cost categories which comprise Total Project Costs.
6. Furnish three review copies of the Preliminary Design Phase documents and Opinion of Probable Construction Cost to Owner within 90 days of authorization to proceed with this phase, and review them with Owner. Within 15 days of receipt, Owner shall submit to Engineer any comments regarding the furnished items.
7. Revise the Preliminary Design Phase documents, opinion of probable Construction Cost, and any other Preliminary Design Phase deliverables in response to Owner's comments, as appropriate, and furnish to Owner three copies of the revised Preliminary Design Phase documents, revised opinion of probable Construction Cost, and any other deliverables within 15 days after receipt of Owner's comments.

Detailed Design – TBD

Bidding Services – TBD

Construction Services – TBD

Assumptions and Exclusions:

- The City will facilitate access to the site for geotech investigation, surveying and site visits.
- The City will provide the hydraulic modeling of the proposed improvements.
- The City will provide available record drawings of existing facilities.
- Locating of existing utilities will be provided by utility companies.
- Daily construction observation services are not included and are anticipated to be provided by the City.
- Excludes field verification of record drawing information.
- Excludes any environmental or archeological investigations and permitting.

Period of Services:

Estimated completion time for services associated with this project are as follows:

Preliminary Engineering	3 months
Detailed Design	TBD
Bidding	TBD
Construction	TBD

Compensation:

Compensation for preliminary engineering services shall be on a lump sum basis, with a not to exceed amount of \$50,565. The detailed design, bidding and construction administration fee will be determined when the preliminary engineering phase is completed. The approximate split among phases is listed below.

Preliminary Engineering	\$ 44,625
Surveying	\$ 2,750
Geotechnical	\$ 3,190
Detailed Design	TBD
Bidding	TBD
<u>Construction Admin</u>	<u>TBD</u>
Total for All Tasks =	\$ TBD