

**TASK ORDER-No. 21**  
**City of Boerne WWTRC TPDES Permit Renewal**

This Task Order pertains to an Agreement by and between The City of Boerne, (“CITY/OWNER”), and HDR Engineering, Inc. (“HDR/ENGINEER”), dated January 30, 2017, (“the Agreement”). ENGINEER shall perform services on the project as provided herein and in the Agreement. This Task Order shall not be binding until it has been properly signed by both parties. Upon execution, this Task Order shall supplement the Agreement as it pertains to the project described below.

**TASK ORDER NUMBER: 21**

**PROJECT NAME: City of Boerne WWTRC TPDES Permit Renewal**

**PART 1.0 PROJECT DESCRIPTION:**

The City of Boerne Wastewater Treatment and Recycling Center (WWTRC) Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0010066002 will expire on January 5, 2021. The City must submit a permit renewal application to the Texas Commission on Environmental Quality (TCEQ) 180 calendar days (July 9, 2020) prior to the expiration date. The permit renewal application will not include expansion to plant capacity, or minor or major permit amendments.

This scope of work, prepared by HDR, identifies tasks required to submit the permit renewal application for the City.

**PART 2.0 SCOPE OF SERVICES TO BE PERFORMED BY ENGINEER ON THE PROJECT:**

**Task 1 – WWTRC PERMIT RENEWAL**

This Task describes the professional services required to develop the proposed City of Boerne WWTRC permit renewal application. This scope represents the work anticipated in the preparation of the permit renewal application. HDR shall provide the services set forth herein.

**Task 1.1.** Assemble and complete forms for the permit renewal application. The permit renewal application must be submitted to TCEQ no later than July 9, 2020 (180 calendar days before the current permit expiration date of January 5, 2021). The City shall provide information as required by HDR to prepare the following forms as required for permit renewals:

- i. Core Data Form
- ii. Administrative Report 1.0
- iii. Domestic Technical Report 1.0
- iv. Domestic Technical Report Worksheet 2.0: Receiving Waters
- v. Domestic Technical Report Worksheet 4.0: Pollutant Analysis Requirements
- vi. Domestic Technical Report Worksheet 5.0: Toxicity Testing Requirements
- vii. Domestic Technical Report Worksheet 6.0: Industrial Waste Contribution

**Task 1.2.** Assemble and develop the following attachments to the permit renewal application, as required for permit renewals:

- i. USGS Map
- ii. SPIF
- iii. Treatment Process Description
- iv. Flow Diagram
- v. Site Drawing
- vi. Lab Reports
- vii. TCEQ Other Requirements or Special Provisions Documents

Develop a supplemental attachment to the permit renewal application containing the 2019 Annual Progress Report: Chloride and Total Dissolved Solids Source Identification and Reduction Study and a description of the City's proposed approach for the permit renewal.

**Task 1.3.** Provide a Draft of the Permit Renewal Application in PDF format to the City for review within 5 business days.

**Task 1.4.** Coordinate work items with the City associated with this scope of services to include addressing the City's comments.

**Task 1.5.** Finalize the permit renewal application for submittal to TCEQ and submit to TCEQ before July 9, 2020.

**Task 1.6.** Provide up to sixteen (16) hours for coordination and response to minor questions from TCEQ after submittal of the permit renewal application. Specifically, the City and HDR anticipate extensive review of the system based on measured chloride concentrations in the effluent. HDR currently assists the City with the execution of the Chloride and Total Dissolved Solids Source Identification and Reduction Study required in the current TPDES permit and will be ready to assist the City as needed up to 16 hours with TCEQ coordination during the technical review of the permit renewal application by TCEQ.

**Deliverables:** HDR will provide one (1) hard copy and one (1) electronic copy of the permit renewal application to the City. TCEQ requires submission of one original permit renewal application and three (3) printed copies of the permit renewal application. HDR will submit the permit renewal application to TCEQ on behalf of the City.

The following professional services can be provided at the City's request and are not part of the services of this agreement.

1. Significant modifications to initial permit renewal application to incorporate major questions from TCEQ review comments, where major questions include work over the allotted 16 hours denoted in Task 1.6.
2. TCEQ-required public notices preparation
3. Testing or certification required by the permit or required for the permit renewal application
4. Topographic surveys, stream surveys or other field surveys
5. TCEQ coordination beyond the time noted above

6. Public meeting attendance
7. Other professional services not included specifically in scope of work
8. Preparation of sludge management plan
9. Support during the technical review of the application by TCEQ beyond the 16 hours denoted as part of Task 1.6.

#### **CITY'S RESPONSIBILITIES:**

The City shall be responsible for payment of required fees that must be submitted with the permit renewal application. The permit renewal application fee for renewals with flows greater than one (1) million gallons per day (mgd) is \$2,015.00.

The City shall be responsible for, and HDR may rely upon, the accuracy and completeness of requirements, programs, instructions, reports, data, and other information furnished by City to HDR pursuant to this Agreement. HDR may use such requirements, programs, instructions, reports, data, and information in performing or furnishing services under this Agreement. The City shall at its expense:

1. Provide criteria and full information and furnish copies of design and construction information.
2. Furnish other available information pertinent to the Project including previous design plans, reports and data relative to previous designs, or investigation at or adjacent to the Site.
3. Following HDR's assessment of initially-available Project information and data and upon Engineer's request, furnish or otherwise make available such additional Project related information and data as is reasonably required to enable HDR to perform its Basic and Additional Services. Such additional information or data would generally include the following:
  - i. Electronic copy of the existing permit, fact sheet, previous permit renewal application, and correspondence with TCEQ regarding the permit applicable to the permit renewal.
  - ii. Test reports for testing required to complete the permit renewal application.
  - iii. Monitoring reports for the last 12 months.
  - iv. Groundwater monitoring data if needed.
  - v. Soil sample test data.
  - vi. Sludge sample test data.
  - vii. Property maps showing treatment facilities, effluent storage sites, irrigation sites and crop sites.
  - viii. Signatures required on the completed permit renewal application and copies.

- ix. Payment of permit renewal application fees, testing fees and other fees assessed by the State or other entities associated with the permit renewal.
  - x. Property descriptions.
  - xi. Zoning, deed, and other land use restrictions, if required.
  - xii. Property, boundary, easement, right-of-way, and other special surveys or data, including establishing relevant reference points, if required.
  - xiii. Explorations and tests of subsurface conditions at or contiguous to the Site, drawings of physical conditions relating to existing surface or subsurface structures at the Site, or hydrographic surveys, with appropriate professional interpretation thereof, if required.
  - xiv. Environmental assessments, audits, investigations, and impact statements, and other relevant environmental or cultural studies as to the Project, the Site, and adjacent areas, if required.
  - xv. Data or consultations as required for the Project but not otherwise identified in the Agreement or the Exhibits thereto.
  - xvi. Sludge Management Plan
4. It is understood that the data provided by the City will contain data necessary to prepare the required TCEQ permit renewal application components, including, if necessary for permit renewal application completion:
- i. Detailed engineering reports/plans including design calculations, site controls, groundwater protection, odor/dust/bioaerosol management, ultimate use of finished product
  - ii. Pathogen reduction alternatives
  - iii. Vector attraction alternatives
  - iv. Volume and frequency of sludge disposal
  - v. Calculations that show 25-year, 24-hour rainfall is prevented from leaving surface disposal unit
  - vi. Copy of closure plan and post-closure maintenance plan
  - vii. Groundwater monitoring data if needed
  - viii. Effluent land application rates, effluent storage pond volume and dimensions

## Period of Service

1. Engineer is authorized to begin rendering services as of the date of receipt of the signed Agreement.
2. Engineer shall perform its obligations within a reasonable time. Specific period of time for rendering services is when the permit is issued or January 5, 2021, (whichever occurs first), and are hereby agreed to be reasonable.
3. If, through no fault of Engineer, such periods of time or dates are changed, or the orderly and continuous progress of Engineer's services is impaired, or Engineer's services are delayed or suspended, then the time for completion of Engineer's services, and the amounts of Engineer's compensation, shall be adjusted equitably.
4. If City authorizes changes in the scope, extent, or character of the Project, then the time for completion of Engineer's services, and the amounts of Engineer's compensation, shall be adjusted equitably.
5. City shall make decisions and carry out its other responsibilities in a timely manner so as not to delay the Engineer's performance of its services.
6. If Engineer fails, through its own fault, to complete the performance required in this Agreement within the time set forth, as duly adjusted, then City shall be entitled, as its sole remedy, to the recovery of direct damages, if any, resulting from such failure.

## Compensation

The fee estimated to perform the above scope of work is \$20,500. Compensation will be on a Lump Sum basis. HDR will submit monthly invoices based on the percentage of the work performed.

This Task Order is executed this \_\_\_\_\_ day of \_\_\_\_\_, 2019. Execution of this Task Order shall serve as ENGINEER'S Notice to Proceed.

<u>CITY OF BOERNE</u>	<u>HDR ENGINEERING, INC.</u>
<u>"OWNER"</u>	<u>"ENGINEER"</u>
BY: _____	BY: _____
NAME: <u>Ronald C. Bowman</u>	NAME: <u>Shay Ralls Roalson, P.E.</u>
TITLE: <u>City Manager</u>	TITLE: <u>Vice President</u>
ADDRESS: <u>402 E. Blanco Road</u> <u>Boerne, TX 78006</u>	ADDRESS: <u>4401 West Gate Blvd, Suite 400</u> <u>Austin, TX 78745</u>