

**EXHIBIT A: SCOPE OF WORK**

**2026 PHASE H LANDFILL GAS COLLECTION  
AND CONTROL SYSTEM EXPANSION**

**CAMELOT LANDFILL  
DENTON COUNTY, TEXAS**

Prepared for  
City of Farmers Branch  
May 2025

Prepared by  
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# 1 SCOPE OF SERVICES

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## 1.1 Introduction

The City of Farmers Branch (City) owns the Camelot Landfill (Landfill). The facility is presently equipped with an active landfill gas (LFG) collection and control system (GCCS) that extracts LFG generated from the landfill and send to the LFGTE facility for beneficial use and/or to an on-site flare system for combustion. It is our understanding that City wishes to expand the existing GCCS in order to control greenhouse gas emissions and comply with the New Source Performance Standards (NSPS). The **Phase H GCCS** expansion and this proposal are based on **2026 GCCS Construction** cost prepared by Weaver Consultants Group, LLC (WCG) and recent conversations with the City and the major components will include the following:

- The installation of additional vertical LFG extraction wells.
- The installation of horizontal collectors.
- The installation of wellheads
- The installation of new LFG collection header and laterals to connect newly installed extraction wells.
- Associated items including but not limited to, cleanouts, access riser, isolation valves

## 1.2 Project Approach

Based on recent meetings and discussions with City staff, as well as our understanding of the site, WCG has developed the following scope of services. The proposed scope of services consists of the following tasks.

- Task 1 – Pre-Design Evaluation Services
- Task 2 – Project Planning Meeting
- Task 3 – GCCS Expansion Construction Document
- Task 4 – GCCS Construction Management
- Task 5 – GCCS Construction Quality Assurance
- Task 6 – GCCS Construction Surveying
- Task 7 – GCCS Construction Documentation Report/Record Drawings
- Task 8 – TCEQ As-built Notification

The following describes in detail each of the proposed tasks to be prepared under the project.

### **1.2.1 Task 1 – Pre-Design Evaluation Services**

Under this task WCG staff will complete the necessary background diligence for successful project completion. This will include gathering all necessary items for the successful integration of the proposed GCCS expansion. The purpose of this task is to evaluate and review all the current and future plans for the other landfill systems (e.g., final cover system, leachate system, stormwater system) and how the GCCS will be designed with these other systems.

### **1.2.2 Task 2 – Project Planning Meeting**

WCG staff will visit the project site to meet with City staff to discuss the scope of the project, identify project constraints, and to obtain additional site-specific background data that may be required for successful completion of the work. WCG will discuss with the City and landfill staff recent changes to site conditions and projected filling operations that may affect the GCCS design.

### **1.2.3 Task 3 – GCCS Expansion Construction Document**

#### ***Task 3.1 – Preliminary Design***

WCG will then proceed with the preliminary design for the GCCS expansion. The preliminary design will include evaluating the areas of the landfill where GCCS installation would be feasible, designing the components of the system including extraction wells, piping layouts, condensate management system, and associated fittings.

WCG will review site information for the bottom of waste elevations, and then using this information, we will determine the estimated waste depth in areas of the landfill where the new vertical extraction wells will be installed. Based on the column of waste in these specific areas of the landfill, we will develop a preliminary well construction schedule for installing the new wells.

Once all of these design considerations have been addressed, a draft set of preliminary design drawings will be submitted to the City for review and comment. After the City's review, WCG will incorporate the review comments into the final design.

#### ***Task 3.2 – Construction Documents***

WCG will proceed with the development of GCCS construction documents. Detailed drawings will be developed suitable for competitive bidding and construction purposes. The final construction plans and details will be developed based on the City's review of the preliminary plans and details. WCG will be prepared to meet with the City to discuss their review comments on the draft set of construction drawings. City comments will then be incorporated into the final GCCS construction plans and details for bidding and construction purposes.

WCG will also prepare the technical specifications for the GCCS expansion. The technical specifications will include a description of equipment design and performance, construction materials, and execution requirements. WCG assumes the City will provide the standard City front-end bid package documents, including general conditions, supplementary conditions, and other necessary bid documents used in City contract documents if they have changed since the latest bid package was completed.

WCG will prepare and submit a draft of the assembled contract documents to the City for review. Upon receipt of the City's comments, the bid documents and technical specifications will be finalized and ten sets of the final contract documents will be prepared for bidding purposes.

### ***Task 3.3 – Advertisement and Award***

Under this task, WCG will assist the City throughout the bid advertisement and award phase for the GCCS expansion. WCG will coordinate with the City for advertisement of the project in local newspapers, as well as notifications to contractors experienced with this type of construction project. WCG will prepare the Invitation to Bidders for the City's use in placing the notice in the newspapers.

A Pre-Bid Conference will be conducted by WCG at the site for all interested bidders. WCG will also respond to any questions from bidders during the bidding phase and prepare and distribute any addenda, if required.

In addition, WCG will participate in the bid opening if desired by the City. Afterwards, WCG will tabulate the bids and evaluate the qualifications of the low bidder. A recommendation of award will then be provided to the City.

#### **1.2.4 Task 4 – GCCS Construction Management**

Under this task, WCG will provide construction management to the City. Included in this task are the following activities:

- Attendance at a pre-construction meeting.
- Review and approval of all contractor material submittals and shop drawings.
- Provide technical clarifications or interpretations of the work to the Contractor, as needed.
- Attendance of three additional meetings during the course of the project.
- Review and recommendation for approval of all pay requests by the Contractor.
- Review and recommendation of any change order requests issued by the Contractor.
- Preparation and issuance of any field changes or change orders issued by the City.
- Attendance of the final inspection and the preparation of a final punch list.

#### **1.2.5 Task 5 – GCCS Construction Quality Assurance**

As part of this task, WCG will provide full-time construction quality assurance (CQA) observation and inspections during the drilling and piping phases of construction.

The CQA inspections will be to verify that the Contractor is performing the work in accordance with the construction drawings and written specifications. CQA personnel will prepare daily construction observation reports for each day they are onsite and will include these in the Construction Documentation Report completed after the end of construction.

WCG will also be onsite for any quality control testing required for the GCCS expansion, including the pressure testing of the new piping installations.

In order to provide a cost effective construction quality assurance, this project was been divided into two subtasks as described below.

##### **Task 5.1 – Extraction Well Installation**

In order to prepare the cost estimate for this proposal it was assumed that a field technician would be onsite full time during drilling and installation of the extraction wells. It is estimated that the drilling will take **thirty (30) twelve-hour days** to complete.

### **Task 5.2 – Piping Installation**

During the installation of the piping it is assumed that the field technician will be onsite full time. Piping installation is expected to last approximately **sixty (60) twelve-hour days**.

#### **1.2.6 Task 6 – GCCS Construction Surveying**

WCG will provide one surveying visit to complete the pre-construction staking for the GCCS expansion, as well as complete the as-built survey for the newly installed piping and wells.

#### **1.2.7 Task 7 – GCCS Construction Documentation Report/Record Drawings**

WCG will prepare a construction report summarizing our CQA observations and inspections during the GCCS expansion. This report will briefly describe the construction methods and procedures used by the Contractor with respect to compliance with the Contract Documents. WCG will also prepare a set of record drawings for the project, based on the completed survey and field observations, and include them in the construction report. Two copies of the construction report will be submitted to the City for your records.

#### **1.2.8 Task 8 – TCEQ As-built Notification**

WCG will prepare an as-built notification to the TCEQ following the GCCS construction. The notification will include a cover letter describing the installed system and the as-built record drawings in the form of revisions to the existing LGMP. This notification will be submitted to the TCEQ within following the completion of the system installation. Draft copies of the notification will be submitted to the City for review and comment. WCG will be prepared to discuss the draft notification with the City, answer any comments or questions regarding the notification. Once the comments have been agreed upon, WCG will submit the as-built notification to the TCEQ for review and approval.

## 2 PROJECT SCHEDULE

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WCG will begin the work described in this proposal upon receiving authorization to proceed. The following is our estimated schedule with the authorization to proceed date as Week 0.

**Table 1**  
**Estimated Project Schedule**

| Task No. | Description                          | Completion Date                        |
|----------|--------------------------------------|----------------------------------------|
| 1        | Pre-design Services                  | Week 2                                 |
| 2        | Project Planning Meeting             | Week 3                                 |
| 3        | GCCS Expansion Construction Document | Week 4                                 |
| 3.1      | Preliminary Design                   | Week 6                                 |
| 3.2      | Construction Documents               | Week 10                                |
| 3.3      | Advertisement and Award              | Week 13                                |
| 4        | GCCS Construction Management         | Start of Construction                  |
| 5,6,7    | Construction Services                | Start of Construction                  |
| 8        | TCEQ As-built Notification           | Following completion of GCCS expansion |

### 3 PROJECT BUDGET

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WCG proposes to perform the services described in the scope of work on lump sum basis. Cost estimates for each task in the project are presented on the table below.

**Table 2**  
**Estimated Project Budget**  
**Camelot Landfill**

| Task No.      | Description                            | Labor Cost (\$) | Direct Expense (\$) | Estimated Task Cost old |
|---------------|----------------------------------------|-----------------|---------------------|-------------------------|
| 1             | Pre-Design Services                    | \$2,680         | \$200               | \$2,880                 |
| 2             | Project Planning Meeting               | \$2,050         | \$590               | \$2,640                 |
| 3             | GCCS Expansion Construction Document   |                 |                     |                         |
|               | 3.1 – Preliminary Design               | \$7,800         | \$500               | \$8,300                 |
|               | 3.2 – Construction Documents           | \$12,750        | \$700               | \$13,450                |
|               | 3.3 – Advertisement and Award          | \$7,000         | \$500               | \$7,500                 |
| 4             | GCCS Construction Management           | \$11,420        | \$1,500             | \$12,920                |
| 5             | GCCS Construction Quality Assurance    |                 |                     |                         |
|               | 5.1 – Extraction Well Installation     | \$31,001        | \$14,133            | \$45,134                |
|               | 5.2 – Piping Installation              | \$62,375        | \$29,184            | \$91,559                |
| 6             | GCCS Construction Surveying            | \$1,992         | \$20,533            | \$22,525                |
| 7             | GCCS Construction Documentation Report | \$7,500         | \$1,000             | \$8,500                 |
| 8             | TCEQ As-built Notification             | \$4,500         | \$500               | \$5,000                 |
| <b>Total:</b> |                                        |                 |                     | <b>\$220,408</b>        |



## Assumptions

To prepare the scope of work and budget for the proposed services, WCG has made the following assumptions.

- The site will be able to provide all necessary information relevant to this project. Available background materials requested will be provided to WCG at no cost.
- The City will provide electronic copies of its standard front-end bid package documents, including general conditions, supplementary conditions, and other necessary bid documents used in City contract documents.
- The GCCS expansion design shall be completed using the most recent aerial photography and topographic information available to WCG. As such, the construction bid quantities may require modification based on physical changes to site conditions since the time of the aerial photograph and topographic mapping.
- Any work not included under this proposed scope of services shall be performed after a new scope and price have been approved by the City. If necessary, unit price or time and materials (T&M) estimate will be established to cover any work beyond the scope of this project.
- No provisions are included for any weather-related delays, or delays caused by the Contractor's actions.
- This proposal assumes all the tasks will be provided.
- Our CQA budget is based on anticipated production estimates for the quantities of work completed by the contractor on a daily basis. Production rates vary by contractor based on its available resources. Should the actual rate of completed work be less than that projected, WCG will notify City personnel to discuss options, including the possibility of a contract addendum at the following costs:

| Task | Description                                               | Labor Cost | Direct Expenses | Total   |
|------|-----------------------------------------------------------|------------|-----------------|---------|
| 5.a  | Construction Quality Assurance (Per Day, survey included) | \$996      | \$567           | \$1,563 |
| 5.b  | CQA Mobilization (Per each)                               | \$747      | \$1,368         | \$2,115 |
| 5.c  | Construction Delays (Per Day)                             | \$332      | \$327           | \$659   |