

City of Scottsbluff, Nebraska

Tuesday, February 20, 2024

Regular Meeting

Item Reports2

Council to discuss and consider action on the Proposal Letter with TriHydro Engineering for Updated Airspace Site Life and Construction Cost Estimate for Regional Landfill and authorize the Mayor to sign the Letter.

Staff Contact: Kevin Spencer, City Manager



February 8, 2024

Ms. Annie Folck, City Engineer
City of Gering
1025 P Street
Gering, NE 69341

RE: Cities of Gering and Scottsbluff Regional Landfill
Updated Airspace and Cost Estimate

Dear Ms. Folck:

Trihydro Corporation (Trihydro) appreciates the opportunity to provide the Cities of Gering and Scottsbluff (Cities) a proposal for updating the airspace site life and construction cost estimates for both the current cell development design and for a cell sized for a 5-year period using only the City of Gering's waste acceptance disposal tonnages. The following information summarizes Trihydro's project understanding, approach, schedule, and cost proposal for these services.

PROJECT SCOPE OF WORK

Trihydro's proposed scope of work for these tasks is outlined below. Detailed costs, activities, and assumptions are included in Attachment A.

Task 1: Site Life and Cost Estimate Update

The most recent cost estimate prepared in April of 2022 was estimating the cost for a cell sized for a projected 20-year period within the designed landfill. This task will include updating the construction cost estimate for the same 20-year, 19.4 acre cell based on current estimated construction costs and without modification to quantities.

In addition, Trihydro will estimate the airspace requirements and construction costs associated with construction of a cell sized for a 5-year period using the current waste acceptance tonnages of only the City of Gering. Trihydro will provide a table summary of remaining site life and updated Tables 2 through 9 of the previously completed Solid Waste Management Cost Analysis.

PROJECT COST ESTIMATE

Trihydro's cost estimate to complete the work described above is **\$4,912**. A detailed breakdown of our estimated budget for the Tasks is provided in Attachment A. Our cost estimate is based on the labor rates of those professionals assigned to the project team.

This work will be performed on a time and material basis in accordance with Trihydro's Standard

1252 Commerce Drive | Laramie, WY 82070 | phone 307/745.7474 | fax 307/745.7729 | www.trihydro.com



Ms. Annie Folck
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Schedule of Charges included as Attachment B or the most current version should the work occur after 2024. In the event that scope changes arise during execution of the project, we will be prepared to discuss these with the Cities and determine an appropriate path forward.

PROJECT SCHEDULING

Trihydro is available to commence work on this project immediately upon the signing of a work order. We anticipate the permit application will be completed approximately two weeks after the kickoff meeting, excluding weather interruptions.

We appreciate the opportunity to continue to assist the Cities with this project and look forward to hearing back from you soon. Trihydro proposes to perform the work in accordance with the terms and conditions of the General Basic Agreement – Engineering and Consulting Services No. 18-017BA-E, between Trihydro Corporation and the Cities of Scottsbluff and Gering, Nebraska. If the proposal meets your expectations, please sign, and date the letter and return a scanned copy to Autumn Bainer by email (abainer@trihydro.com). If you have any questions, or require additional information, please do not hesitate to contact me at (307) 745-7474 or by email at rswanson@trihydro.com.

City of Gering: 

Date: 2-12-24

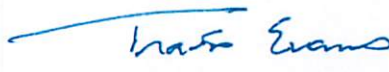
City of Scottsbluff: _____

Date: _____

Sincerely,
Trihydro Corporation



Ryan Swanson, P.E.
Project Manager



Travis Evans, P.E.
Project Director

P9999-024-0158

Attachments

ATTACHMENT A
COST ESTIMATE
2024 LANDFILL COST ESTIMATE UPDATE

ATTACHMENT A. COST ESTIMATE



Activity		Schedule of Charges	Hourly Rate or Charge	Hours or Unit Estimate	Subtotal
1	SITE LIFE AND COST ESTIMATE UPDATE	Professional Level 11	\$206	2	\$412.00
		Professional Level 8	\$164	15	\$2,460.00
		Professional Level 3	\$102	20	\$2,040.00
		Labor			\$4,912.00
		Activity 1 Subtotal			\$4,912.00

Activities:
 - Update current 20-year design to 2024 estimated construction costs
 - Create a 5-year design using City of Gering's waste acceptance rates
 - Create a 2024 estimated construction cost for 5-year design

Deliverables:
 - Updated Tables 1-9 of the Solid Waste Management Cost Analysis for each design.

Assumptions:
 - No updated grading figure will be requested.
 - No report or updates to the alternatives is requested.
 - No adjustments or changes to infrastructure or landfill design is requested.
 - Trihydro will address one round of comments from the Cities.
 - No kickoff, progress, or presentation meetings are included.

		Trihydro Total	TOTAL
Task 1	SITE LIFE AND COST ESTIMATE UPDATE	\$4,912	\$4,912
	Total	\$4,912	\$4,912

Notes:

ATTACHMENT B
TRIHYDRO SCHEDULE OF CHARGES

TRIHYRO STANDARD SCHEDULE OF CHARGES

JANUARY 1, 2024 - DECEMBER 31, 2024 ^{2, 3, 4}

<u>PERSONNEL</u>	<u>UNIT RATE</u> ^{1, 7}
Senior Principal-----	260.00/hour
Principal-----	235.00/hour
Project Principal-----	220.00/hour
Technical Specialist 4-----	270.00/hour
Technical Specialist 3-----	255.00/hour
Technical Specialist 2-----	240.00/hour
Technical Specialist 1-----	225.00/hour
Professional Level 12-----	220.00/hour
Professional Level 11-----	206.00/hour
Professional Level 10-----	192.00/hour
Professional Level 9-----	178.00/hour
Professional Level 8-----	164.00/hour
Professional Level 7-----	149.00/hour
Professional Level 6-----	135.00/hour
Professional Level 5-----	125.00/hour
Professional Level 4-----	113.00/hour
Professional Level 3-----	102.00/hour
Professional Level 2-----	93.00/hour
Professional Level 1-----	83.00/hour
Technician Level 8-----	132.00/hour
Technician Level 7-----	123.00/hour
Technician Level 6-----	113.00/hour
Technician Level 5-----	105.00/hour
Technician Level 4-----	95.00/hour
Technician Level 3-----	86.00/hour
Technician Level 2-----	76.00/hour
Technician Level 1-----	67.00/hour
Administrative 4-----	87.00/hour
Administrative 3-----	76.00/hour
Administrative 2-----	68.00/hour
Administrative 1-----	57.00/hour
<u>EXPENSES</u>	
Subcontracts (Labor, Equipment and Services)-----	Cost + 10%
Shipping (i.e. Documents, Equipment, Supplies)-----	Cost
<u>TRAVEL EXPENSES</u>	
Meal Per Diem ⁶ -----	\$59/day/person
Airline Tickets-----	Cost
Hotel/Motel-----	Cost
Rental Vehicle-----	Cost
<u>FIELD EXPENSES AND EQUIPMENT</u>	
Consumable Field Supplies-----	Cost + 10%
Rental Equipment-----	Cost + 10%
Purchased Equipment-----	Cost + 10%
Company Field Instruments, Equipment, Vehicles, etc.-----	See Project-Specific Cost Estimate
Consumable Field Supplies and PPE-----	See Project-Specific Cost Estimate
Company Vehicles (daily) ⁵ -----	\$95/day min or 65.5 cents/mile
Company Vehicles (monthly)-----	Cost + fuel cost

1. The above charges include fringe benefits, overhead and profit. No multiplier is used for billing.
2. An annual escalation rate less than or equal to 5% will be applied to these rates for multi-year projects and contracts.
3. Payment of invoices shall be due within thirty days; delinquent amounts due shall accrue a late charge of 1 1/2% per month from date of invoice.
4. The rates in this Schedule of Charges are subject to change on December 31, 2024.
5. Minimum charge of \$95/day. Daily mileage exceeding 145 miles is charged at the current IRS rate per mile. Mileage rates are subject to change throughout the year.
6. Any International travel meal per diem will be at cost.
7. Expert testimony services, including but not limited to preparing for and time spent in depositions, arbitration or trial testimony, shall be charged at 3.0 times the individual's billing level. Other expert technical consulting services, including but not limited to research, review, evaluation, and preparation of expert technical opinions and deliverables, shall be charged at 2.0 times the individual's billing level.