

SL COUNTY BUDGET REQUEST / ADJUSTMENT FORM


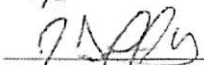
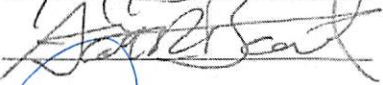

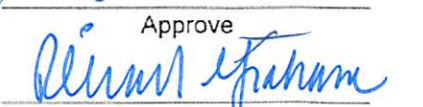
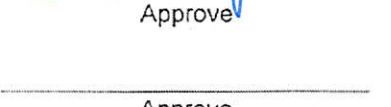
| Executive Summary | |
|--|------------------------------------|
| Reference No: 475000YE03 | For Fiscal Year: 2018 |
| Requesting Organization: 47500000 SOLID WASTE MANAG | Date of Request: 10-Sep-18 |
| Budget Adjust Type(s): New Request | Ongoing (Y or N): N |
| | If Yes, next year's CF impact: \$0 |
| | Net FTE Change: 0.00 |
| Description and Justification: SLVSWMF Access Road Design: This is for the engineering services that Salt Lake City is managing for the new Landfill entrance. | |

Fund Impact

| SUMMARY OF FUND IMPACT BY FUND | |
|--------------------------------|--|
| FUND: | 730 SOLID WASTE MANAGEMNT FACILITY FUND |
| Fund Impact (Budgetary) | (\$47,500) |
| Fund Impact (Transfers) | \$0 |
| TOTAL FUND IMPACT | (\$47,500) |

| SUMMARY OF CNTY FUNDING IMPACT BY DEPT | | | | |
|--|---------|---------|-----------|--------------|
| DEPT | REVENUE | EXPENSE | BAL SHEET | CNTY FUNDING |
| 4750000100 LANDFILL DISPOSAL | 0 | 47,500 | 0 | 47,500 |
| TOTALS | 0 | 47,500 | 0 | 47,500 |

Approvals

| | |
|--|--------------------|
| Division Director:  | Date: 09-11-18 |
| Dept. or Elected Fiscal Mgr:  | Date: 9-12-18 |
| Dept. Dir. or Elected Official:  | Date: 17 Sept 2018 |
| Facilities Division Director: (Capital Projects Only)  | Date: _____ |
| Chief Financial Officer:  | Date: 7/17/18 |
| Mayor or Designee:  | Date: 9-18-18 |
| Council Action: _____ | Date: _____ |

Jenneth Hampton

From: Scott Baird
Sent: Wednesday, August 15, 2018 7:46 AM
To: 'Bennett, Vicki'; Coyle, John; Lyons, Debbie; John Ioannou; Jared C Steffey; Jenneth Hampton
Cc: John Ioannou; Casperson, Eric; EngVault
Subject: RE: Design proposal for SLVSWMF Access Road, Job No. 811201

Yianni, Jenneth, Jared,

This is a proposal the City is managing for engineering services for the new entrance to the landfill.

Once the contract is awarded, is there a general engineering line in the budget that can cover this work? In other words, when the City sends the invoice to the landfill, how does it get paid? Is there anything we need to do up front?

Scott

Scott R. Baird, P.E.
Department Director
Department of Public Works and Municipal Services



SALT LAKE COUNTY
Department of Public Works and Municipal Services
2001 South State Street N3-600
Salt Lake City, UT 84190
Office: (385) 468-6600

From: Bennett, Vicki [mailto:vicki.bennett@slcgov.com]
Sent: Monday, August 13, 2018 1:05 PM
To: Coyle, John <john.coyle@slcgov.com>; Lyons, Debbie <debbie.lyons@slcgov.com>; Scott Baird <SBaird@slco.org>
Cc: John Ioannou <Joannou@slco.org>; Casperson, Eric <Eric.Casperson@slcgov.com>; EngVault <EngVault@slcgov.com>
Subject: RE: Design proposal for SLVSWMF Access Road, Job No. 811201

Hi John,

If that bid is reasonable to you, then I'm fine with it. I'm also copying Scott Baird from the County –

Scott, ok to proceed? Bid is \$47,500 for all design work.

Thanks,

Vicki

August 9th, 2018



DOMINION
Engineering Associates, L.C.
5684 South Green Street
Murray Utah 84123 801-713-3000

Eric Casperson
Salt Lake City Engineering
349 South 200 East Suite 600
Salt Lake City, Utah 84102

Re: Salt Lake County Landfill Access Road Improvements – Civil Engineering Services Proposal

Mr. Casperson,

We appreciate the opportunity to submit this proposal for Civil Site Design Services for the proposed Salt Lake County Landfill Access Road Improvements Project. The following is a description of the scope with associated fees based on the provided RFP documents and Dominion's conversations with city and county staff through emails and/or in person during on-site field visit.

Schedule:

Dominion Engineering will begin work on this project as soon as Notice to Proceed is issued. Coordination will need to be done related to Wetland Investigation during the appropriate season and weather. It is anticipated that all design work can be completed and construction plans provided by February of 2019 in order to begin construction in the spring of 2019.

Design Scope Items:

1. **Scoping and Design Coordination and Meetings** - Meetings with the City, County, UDOT private utility owners, and/or other organizations can be attended as needed during the initial scoping and design phases of the project. It is assumed that a majority of coordination time and meetings can be accomplished through telephone or email correspondence (Limited to 40 hours).
2. **Topographic Survey**: A topographic survey of the existing site conditions will be conducted of existing ground, roadways, utilities and all other features necessary for mapping and to aid in the design of the new improvements. A base map will be prepared and utilized in final design.
3. **Preliminary Wetland Assessment and/or Full Delineation**: We propose to complete a preliminary wetlands assessment to ascertain the potential of whether there are any wetlands inside the project area boundaries and any temporary construction staging areas that will be needed outside the project area boundaries.

Frontier Corporation USA will research historic aerial photography and perform field work to inspect the project area and identify the presence of potential playas and/or wetland-dominated plant communities with evidence that hydrology capable of supporting wetland conditions may be present. These areas will be identified as "potential playas or potential wetlands." Areas with wetland plants that appear to be sustained by drainage water, artesian wells, industrial stormwater management, irrigation water or other man-made sources of water that have been artificially introduced to the area will be identified as "problem areas." The approximate locations of potential wetlands and problem areas will be marked on aerial photography field maps. The marked boundaries will be digitized and incorporated into a GIS database. The database

will be used to create a preliminary wetland delineation map for the study area, and to calculate the approximate acreage of potential wetland areas and problem areas within the project area. The results of the investigation will be reported in a preliminary wetlands assessment report. If no potential wetlands or playas are identified in the project area or construction staging areas, no additional wetlands work will be done.

The purpose of the preliminary wetland assessment report is for planning purposes only. The preliminary wetlands assessment report is not intended to be submitted to the Corps of Engineers for regulatory permitting. A more detailed level of data collection, hydrologic evaluation and site documentation that would be required for a formal wetland delineation.

If the preliminary wetland assessment report finds the presence of potential wetlands or playas that could fall under the Corps of Engineers regulatory jurisdiction, Frontier will complete a formal delineation for review and verification by the Corps of Engineers. The formal delineation can be used to design the project so as to avoid wetland/playa impacts. If wetland/playa impacts cannot be avoided, the formal delineation can be used to obtain a Section 404 fill permit from the Corps of Engineers.

Preliminary Wetland Assessment Fee = \$4,600 (Included in this scope)

Full Wetland Delineation Fee = \$14,000 (Not included in this scope. Will only complete the full delineation if required based on preliminary wetlands assessment)

4. **Geotechnical Investigations** – A geotechnical investigation will be conducted of the project site to ensure proper soils data is obtained for the design of the access road including pavement sections accounting for provided vehicle loading and subsurface soil and groundwater conditions. If needed, this geotechnical investigation will include any recommendations for the reconstruction of the sewer sump pit. A formal geotechnical report will be provided for use by Owner, Design Team and Contractor.
5. **Generator and Transformer Electrical Design** – Design plans will be prepared for the relocation of the existing emergency generator equipment and transformer as directed by Owner. It is assumed that all existing equipment will be relocated and minimal effort will be required for any new design other than getting new conduits and wiring to new equipment location. Will require coordination with Rocky Mountain Power on transformer relocation. (This item includes a \$10,000 allowance for design by an electrical engineer).
6. **Access Road Design** – Design plans will be provided detailing the various design components related to the construction of the required improvements. This design will include: roadway design, recycling yard area, drainage, utilities, lighting, erosion control/SWPPP and removal of existing parking stalls for installation of new access road. Stormwater detention/retention design is not included in this scope. It is assumed that the site will drain as it does now into the storm drain system in the road. New storm drain improvements will be connected to the existing storm drain similarly. APWA Standards and Specifications will be used for project. Additional specifications can be provided as required by owner.
7. **Construction Administration and Meetings** – Construction Observation and meetings with the city, county, utility owners, and/or other organizations can be attended as needed and cost estimates prepared. Dominion will assist project team during bidding phase with answering questions and providing feedback on potential bidders and construction items.

During bidding and construction, Dominion will respond to RFI's, submittals and all other civil related items. It is assumed that a majority of coordination time and meetings can be accomplished through telephone or email correspondence (Limited to 40 hours).

Total – Dominion proposes to bill the total amount of \$47,500 for the Civil Engineering and Landscape Design services as described in the above scope.

Optional (Not included in scope and fee)

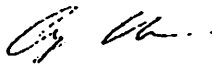
8. **Sewer Sump Pit Redesign** – Existing sump structure and equipment will be assessed (mainly structural) and if determined to be inadequate, design plans will be prepared for the reconstruction of the existing sewer sump pit as directed by owner. It is assumed that all electrical equipment will be reused or replaced in kind and minimal effort will be required for any new design. Structure will meet requirements for H-20 loading for heavy traffic conditions.

The following items are excluded from this proposal:

- A. Construction staking.
- B. Design and coordination related to existing water meter, fire hydrant, backflow preventer assembly. Dominion is assuming these will not be impacted by proposed new improvements and can remain in place.
- C. Storm drain detention/retention design, calculations or design reports.
- D. Coordination and design related to existing power poles.
- E. Landscape and Irrigation Design – assumed new landscaping is not part of project.
- F. Significant permit and submittal coordination and efforts – assumes owner will handle majority of all submittals and permitting coordination.
- G. Materials testing services for site improvements.
- H. Any application fees, impact fees, review fees associated with any municipality or private utility are not included and will be the responsibility of the Owner.
- I. Traffic study and/or report.
- J. Any off-site modifications or design which might be required by the city, county, UDOT or other utility companies for this project.
- K. No submittals, design plans or reports beyond prepared plans and documents noted above are included to other agencies such as sewer districts, county departments, city departments or state agencies.
- L. Private utility coordination and design.
- M. Revisions to the site plan or scope of work provided such revisions are not a result of actions taken by Dominion Engineering.
- N. Sewer bypass pumping plans if sump is relocated or reconstructed.
- O. Survey Services including: ALTA Survey, boundary, Right-of-Way and Platting.
- P. Construction phasing and traffic control plan to be provided by Contractor.

Dominion Engineering can provide a cost proposal or consultant recommendation for any of the excluded services listed above. If you have any questions or concerns, please feel free to call.

Sincerely,



Colby C. Anderson, P.E.
Project Manager