

**WORK ORDER AMENDMENT 3C**  
**to the**  
**AGREEMENT**  
**between**  
**GREATER SALT LAKE MUNICIPAL SERVICES DISTRICT**  
**and**  
**RB&G ENGINEERING, INC.**  
**Magna Main Reconstruct, 8400 W to 9200 W**

\*\*\*\*\*

THIS WORK ORDER AMENDMENT ('Amendment') is made and entered into as of the \_\_\_\_\_ day of \_\_\_\_\_, 2025, to the Agreement between the GREATER SALT LAKE MUNICIPAL SERVICES DISTRICT (the 'MSD'), a body corporate and politic of the State of Utah, and RB&G Engineering, Inc. (the 'Consultant'). MSD and Consultant are jointly referred to below as "the Parties."

**R E C I T A L S:**

WHEREAS, the MSD desires to obtain engineering services related to the Magna Main Reconstruct, 8400 W to 9200 W ("Project");

WHEREAS, the MSD developed a work order, which contains the projected scope of work, time schedule, and price for the engineering services;

WHEREAS, the MSD then negotiated with the Consultant to determine a fair and reasonable scope of work and cost to perform the engineering services;

WHEREAS, the parties now desire to amend the Agreement to add the Project to the Consultant's scope of work;

**A M E N D M E N T:**

NOW, THEREFORE, in consideration of the mutual promises set forth herein, the parties agree to amend that certain Agreement, referenced above, as follows:

1. In a manner consistent with Article VI of the Agreement, the MSD shall pay the Consultant for performance of the services as detailed in the Scope of Work, attached hereto as Exhibit 1. Payment shall be made for actual work completed with the total payment not to exceed \$411,737.30 without further amendment. This reflects an additional \$58,930.00 as shown in Exhibit 1.

Original Contract Amount	\$168,970.00
Amendment 3A	\$59,960.00
Amendment 3B	\$123,877.30
<u>Amendment 3C</u>	<u>\$58,930.00</u>
Adjusted Contract Amount	\$411,737.30

2. Consultant shall perform all services within the time periods stated in the Agreement.
3. All other terms, conditions and exhibits set forth in the original Agreement and the Amendments, not affected by the express terms of this document, shall remain in full force and effect.

IN WITNESS WHEREOF, each of the parties execute this Amendment as the day and year specified above.

GREATER SALT LAKE MUNICIPAL SERVICES  
DISTRICT (MSD):

By \_\_\_\_\_  
Marla Howard, General Manager  
Or Designee

Approved as to Form:

\_\_\_\_\_  
Mark H. Anderson, Attorney

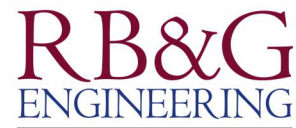
RB&G ENGINEERING, INC.:

By \_\_\_\_\_

Name \_\_\_\_\_

Title \_\_\_\_\_

May 15, 2025



Mr. Tolin Hessell, P.E.  
Engineering Division  
Project Manager  
Greater Salt Lake Municipal Services District  
2001 S. State St., Ste. N3-120  
Salt Lake City, UT 84190  
THessel@msd.utah.gov

Re: Greater Salt Lake Municipal Services District Project #MC230009  
Magna Main Reconstruct, 8400 W to 9200 W  
Construction Mgmt. & Inspection Services Contract Work Order Amendment No. 3C  
Proposal to Provide Additional Const. Support Services for Construction Engineering  
Mgmt. (CEM)

Dear Tolin,

In accordance with our conversations and Greater Salt Lake Municipal Services District (MSD) request, we are submitting this proposal to provide additional construction engineering support services for the subject Magna Main Street (2700 South, between 8400 West and 9200 West in Magna City) Reconstruction Project. This also includes 9040 West and 8850 West from Magna Main to 2600 South. The overall main segment is approximately 5,100 feet long, extending from 9200 West to 8800 West; with both 9040 West and 8850 West extending north from Main Street, and being about 700 feet each in length. Current work is limited to primarily pavement reconstruction (consisting of cement treated base and HMA), with some ADA ramp corrective work, and a small amount of drainage improvements and curb & gutter replacement.

Curb & gutter and sidewalk will generally not be replaced unless necessary to correct ADA deficiencies or faulting leading to drainage problems. As such, the project does not require any new rights-of-way. No pavement widening is included. Anticipated retained roadway improvements include 12.5 ft lanes, 8 ft shoulder/parking or bulb out planter, 30-inch curb & gutter, and 7 to 10 ft. sidewalks. No new traffic signals or related infrastructure and components, or modifications are involved. Work near 8400 West will terminate just west of the corner radii.

### **Scope of Work**

The proposed added construction engineering support services Scope of Work includes tasks as described below:

Construction Support: Provide additional supporting construction engineering and inspection for the project beyond the cement treat base and HMA placement construction described in Work Order Amendment 3B. This includes additional inspections support. We understand that District (MSD) staff will provide overall project construction engineering management (Owner, Resident

Engineer, and some Field Engineer or inspector level), but RB&G will now provide full normal inspector roles during construction, including for all areas of work beyond Cement Treat Base and HMA, including work such as drainage and concrete flatwork at ADA ramps/sidewalk and isolated curb & gutter replacement. The role of RB&G Engineering will be to provide support for District personnel as needed and expected to be for all construction as primary inspectors for the full project. We assume that the following added work/hours will be performed by RB&G Engineering for construction of these added areas of the project:

#### Construction Engineering Management Support for Reconstruction – Pavement Section

- Previous was: Average of one site visit by construction/design engineer per week for 16 weeks. Proposed is: Increase to one to two site visits by construction/design engineer per week for 18 weeks (assumes 27 total site visits for a net increase of 11 visits = about 44 hours).
- Previous was: Inspection in the days leading up to, and during, placing of the cement into the current or supplemented base course, and during placement and testing of the HMA, including for densities. It is anticipated this will typically require only part-time inspection. Once cement stabilization production begins, an inspector will be on site full time until the stabilization task for the given segment is complete. Key points in the inspection will be documenting the surface preparation/cement mixing at required proportions, pre- and final – grading, and compaction; plus, subsequent micro-cracking. The following is anticipated: 2/3-time (28 hours/week, 3 or 4 days per week) inspection by one inspector for sixteen weeks anticipated mainly during cement stabilization/base materials and HMA installation.  
Proposed is: Inspection for all areas of work [beyond Cement Treat Base and HMA], including work such as drainage and concrete flatwork at ADA ramps/sidewalk and isolated curb & gutter replacement, including reviewing QC testing for concrete and densities, etc. It is anticipated this will typically now require near full-time inspection. An inspector will generally be on site for all areas of the work excepting that which can reasonably be inspected after placement. Key points in the inspection will be documenting the excavation, trench/subgrade/grade preparation as applicable, and material placements, backfill placement and compaction, and concrete placement, finishing and curing. This now anticipates: on average nearly full time (40 hours/week, 5 days per week) inspection by one inspector for eighteen weeks, with some longer weeks offset by shorter weeks or less effort on the ramp up and ramp down of work, or clean-up/punch list. Most, but not all, of the 40 hours will be on site. This reflects a net increase of 12 hours/week for 16 weeks and 40 hours/week for 2 weeks = 272 hours).
- Previous was: The contractor is responsible for QC testing as defined in the contract documents. We will provide QA Field testing and laboratory compressive strength testing to verify or recommend the cement proportion levels for the base material used, and that required compaction is achieved.  
Proposed is: No additional QA testing is included in this current proposal.
- Previous was: Review of project submittals and testing (4 hours/week for 16 weeks). Proposed is: Review of project submittals and testing (4 hours/week for 18 weeks for a net increase of 4 hours/week for 2 weeks = 8 hours).
- Attend project Open House.
- Attendance at weekly construction coordination meetings by our inspector in person, and by virtual (online) connection only our field (construction/design) engineer and/or our project manager).

Based on this added scope of services, we have prepared an estimated added cost to complete the anticipated CEM support work as follows:

**CEM Support Services**

Principal Engr/Proj Mgr	40 Hours @ \$200.00 per hour	8,000.00
Professional Engineer IV/(FE)	102 Hours @ \$175.00 per hour	17,850.00
Professional Engineer I/(Insp)	196 Hours @ \$130.00 per hour	25,480.00
Staff Engineer EIT II	0 Hours @ \$115.00 per hour	0.00
Staff Engineer EIT I	0 Hours @ \$100.00 per hour	0.00
Staff Engineer Intern/(Insp)	64 Hours @ \$75.00 per hour	4,800.00
Sr. Geo Tech/Lab Mgr	4 Hours @ \$135.00 per hour	540.00
Geotechnical Tech III/(Insp)	16 Hours @ \$105.00 per hour	1,680.00
Geotechnical Technician II	0 Hours @ \$70.00 per hour	0.00
Geotechnical Technician I	0 Hours @ \$60.00 per hour	0.00
Business Manager	2 Hours @ \$150.00 per hour	300.00
Clerical	4 Hour @ \$70.00 per hour	280.00

**Total Estimated Cost**

**\$ 58,930.00**

We anticipate that this added work would be completed using the hours worked at the above rates with a Not-to-Exceed added subtotal as shown. In the event the District requires additional analysis or services not described herein such can be provided and billed at our identified hourly rate schedule, but we would contact you first, advising of the projected additional cost, or other direct costs if any, and get authorization before undertaking any extra work. I would be happy to review with you the scope of work and make any adjustments necessary to meet your needs.

We understand construction is anticipated to occur beginning June 2, 2025, and occur for 120 days or 18 weeks. We are prepared to begin and undertake the work described in this proposal to match the contractor's schedule.

Pending acceptance of this proposal by the District, we request that another amendment to our current Construction Management & Inspection Services pool contract be executed for this work. We appreciate working with you on this project to date and the opportunity to submit this Construction Engineering Support Proposal for District review and approval. Please let me know of any other changes that you would like to make or if you need anything else. We look forward to working with you toward the successful completion of this work.

Sincerely,

RB&G ENGINEERING, INC

Scott Hendricks, P.E.  
Principal

/attachments