



December 10th , 2024

Ms. June Hamal
Augusta Engineering and Environmental Services Department
452 Walker Street, Suite 110,
Augusta, GA 30901

Subject: Proposal for Construction Materials Testing & Special Inspection Services
Resurfacing Various Roads
Richmond County, Georgia
MC² Proposal No. A122401.185_C

Dear Ms. Hamal,

MC Squared, LLC. (MC²) is pleased to present this proposal for Construction Materials Testing & Special Inspection Services associated with the Resurfacing of Various Roads in Richmond County, Georgia. This proposal outlines the services you requested and our budgetary estimate, per the information provided via e-mail dated October 2024. **The project's finalized construction schedule and completed specifications were not provided to MC² during the preparation of this proposal. Therefore, this estimate is based on MC²'s experience with similar projects. In addition, per the provided information, we assumed the total duration of MC² services during the construction would be 350 days. MC² can revise this estimate once the project construction schedule is available.**

PROPOSED SERVICES

Construction Management

- Review project drawings, specifications, and contract scope of work.
- Review contracts, schedules, and quality control/quality assurance plans.
- Manage pre-construction and progress meetings: Present agenda, scope, schedule, and conditions applicable to the project.
- Review submittals, RFI's, and communicate with project Stakeholders (Design/Owner/Contractor) regarding approvals, feedback, and change orders promptly.
- Weekly meetings/conferences with the project stakeholders.
- Keep logs of open and corrected Items for follow-up with the contractor on a resolution to changes and/or corrective measures.
- Engage the owner for items that require a change in design and/or contract provisions.
- Review change orders and manage the approval process.
- Review monthly pay applications and resolve issues with the contractor before payment approval.

- Assist in project closeout by reviewing punch list items with contractors and finalizing documentation before project closeout and release of retainage.

Construction Materials Testing Services

- Monitor and document the progress of work daily and schedule construction inspections as required by the project specifications.
- Geotechnical and Pavement Engineer to provide evaluation and recommendations.
- Monitoring of over-excavation and quantification.
- Subgrade inspections of finished grades for pavements and sidewalks on both sides of the roadways.
- Concrete testing on the sidewalk on both sides of the roadways, curbs/gutters, and structures.
- GAB compaction testing and proof-roll testing.
- Asphalt testing.
- Laboratory testing
 - Soil Proctor tests.
 - GAB Proctor tests.

FEE ESTIMATE

MC² will provide the above scope of services for an estimated fee of **\$253,950.00** on a time and materials basis.

Additional work required beyond the scope of services included in this proposal (e.g., additional analyses/testing or other factors beyond MC² control) will be invoiced on a time and expense basis and an estimate for efforts will be provided upon request. However, additional work will not be performed without your prior written authorization. Estimates for additional work will be provided upon request.

AUTHORIZATION

To authorize us to perform these services, we ask that you indicate acceptance of this proposal by your signature in the space provided. Our work will be performed by the attached Standard Agreement Provisions, which should be considered an integral part of this proposal.

MC² appreciates being considered for this project and looks forward to working with you. Please do not hesitate to call us if you have any questions.

Sincerely,
MC Squared, LLC.



Shaban Abousaud
Project Manager



Prashanth Vaddu, PE
Regional VP

Budgetary Fee Estimate: \$253,950.00 (Attachment A)

| AUTHORIZED BY: | INVOICE TO: |
|----------------|-------------|
| Signature | Firm |
| Name | Address |
| Title | |
| Date | Attention |

Attachments:

- 1- Schedule of Services and Fees



**Construction Materials Testing and Special Inspections
Resurfacing Various Roads
Augusta, GA
MC² Proposal No. A122401.185_C**

| DESCRIPTION OF SERVICES | QUANTITY X UNIT PRICE | COST (\$) |
|---|--|----------------------|
| <u>ITEM 1 - Construction Materials Testing Services:</u> - Attendance of weekly site meetings - Subgrade evaluations - Soil backfill monitoring - Soil backfill compaction testing - Bearing capacity evaluation - GAB testing - Nuclear gauge density testing - Asphalt temperature determination | 4 hrs/day x 350 days x \$63/hr | \$ 88,200.00 |
| <u>ITEM 2 - Staff Engineer & Professional Engineers:</u> - Pavement Engineer - Field Staff engineer for documentation of construction activities - Project Manager (Monthly Meetings 11 hrs, weekly report review) | 1hr/week x 65 weeks x \$150/hr 4 hrs/day x 350 days x \$86/hr 2hrs/week x 65 weeks x \$120/hr | \$ 145,750.00 |
| <u>ITEM 3 - Laboratory Testing for Soil / Asphalt</u> - Asphalt Specific Gravity testing - Gradations - Soil/GAB proctors - Concrete Cylinders | LUMP SUM | \$ 20,000.00 |
| | Estimate Maximum Fee: | \$ 253,950.00 |

Notes:

- 1-Hourly rate includes direct expense costs (such as a vehicle, phone, per diem, lodging, etc). There will be no separate pay item for these and other incidental items.
 2-Any work outside of 8AM-5PM or night work will result in an OT rate of 1.5x.
 3-Assigned Inspector must possess required GSWCC and other Certifications to perform required
 4-Assumed Construction days: 450 Total days of Service: 350