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August 25, 2021

**Via Electronic & Interoffice Mail**

Chief Darren McConnell, Interim Administrator  
Borough of Red Bank  
90 Monmouth Street  
Red Bank, NJ 07701

**Re: Estimate of Fees for Professional Engineering Services  
2021 Road Program  
Borough of Red Bank, Monmouth County, NJ  
Proposal No. 2021-217**

Dear Chief McConnell:

We are pleased to present our estimate of fees for the design, permitting and construction administration phase services for the above referenced project.

It is our understanding that the scope of work includes the following:

1. Water Main Replacement within Alston Court;
2. Sanitary Sewer Improvements within Hubbard Park;
3. Mill and overlay of Alston Court, Hubbard Park, and Allen Place. Improvements will include the milling and overlay of the existing roadway surface, hot mix asphalt base repair where necessary, the removal and replacement of deteriorated concrete curb, granite block curb and concrete curb and gutter where directed, installation of ADA curb ramps and detectable warning surfaces, traffic striping, the reconstruction of all inlets and the installation of bicycle safe grates and Type 'N' ECO inlet castings as required by the Tier "A" Municipal Stormwater Regulations, and stormwater management improvements as required.

The preliminary construction cost estimate for the utility work listed above is approximately \$363,900.00, and for the roadway work is approximately \$250,700.00.

With this being said, our proposed scope of work is as follows:

**A. Survey and Base Map Phase Services**

Work in this phase will include preparation of base mapping for use in the design of the construction plans. A detailed base map will be prepared by field surveying the existing roadway and other relevant physical features. Approximate property lines will be established utilizing located property markers and tax map information. In areas of mill and overlay, GIS mapping will be utilized supplemented with field survey work where required.



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#### **B. Design Phase Services**

The work in this phase will involve the preparation of the necessary construction plans within the specified project limits for the Road Program and will involve but not be limited to the following:

1. Perform site visits and collect existing site information;
2. Prepare Construction Plans including:
  - i. Existing Conditions Plan
  - ii. Construction Plans
  - iii. Utility Plans (where necessary)
  - iv. Stormwater Management Plans (when necessary)
  - v. Soil Erosion and Sediment Control Plans (when necessary)
  - vi. Traffic Control Plan
  - vii. Construction Details
3. Prepare Bid Specifications; and
4. Prepare Final Construction Cost Estimate.

#### **C. Bid Phase Services**

This phase will include the following services to publicly bid the project in accordance with the Local Public Contracts Law:

1. Provide Bid Documents to Prospective Bidders as needed;
2. Provide Addenda for Clarification of Project Specifications;
3. Attend Bid Opening;
4. Analyze Responsible Bids and Recommend Contract Award; and
5. Coordinate with Township, as needed.



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#### **D. Construction Phase Services**

The following services will be provided under this phase:

1. Contract preparation including review of bonds, insurance certificates and project manning reports;
2. Attend preconstruction meeting;
3. Provide assistance with interpretation of contract documents;
4. Review shop drawings for site-related items; and
5. Provide construction observation services, prepare contractor punch lists and review and prepare pay estimates. (6 week construction period assumed)

We will provide the necessary engineering services as described above based upon the cost breakdown as noted below:

A. Survey*	.....	\$10,000.00
B. Design Phase Services.....		\$20,000.00
Utility Improvements.....	\$12,000.00	
Roadway Improvements.....	\$ 8,000.00	
C. Bid Phase Services.....		\$3,500.00
D. Construction Phase Services .....		\$30,000.00
Utility Improvements.....	\$18,000.00	
Roadway Improvements.....	\$12,000.00	
<b>Total Estimated Fee for Services.....</b>		<b>\$63,500.00</b>

\*Associated with Utility Work

#### **Exceptions:**

- The preparation of right of way acquisition maps and/or temporary construction easements if required for the construction of the improvements.
- Any work not specified as listed in the above phases shall be considered additional services and will be invoiced at the time said work is authorized by the Borough.
- Application fees are considered extra and will be requested at time of submission.



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Should this fee estimate meet your approval, please provide our office with a professional services agreement or resolution as an indication of the work to proceed. In the meantime, should you have any questions concerning this matter, please do not hesitate to contact this office.

Very truly yours,

CME Associates

Laura J. Neumann, PE, PP  
*Borough Engineer's Office*

GRV:LJN:pg

cc: Mayor Menna and Borough Council  
Clifford Keen, Director of Public Works