



**M&E Engineers, Inc**  
*Integrated Engineering Solutions*  
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June 9, 2022

North Brunswick Township  
710 Hermann Road  
North Brunswick, NJ 08902

Attn: Ms. Justine Progebin

Re: Proposal for Engineering Services

Dear Ms. Progebin,

M&E Engineers, Inc (M&E) is pleased to submit this proposal to provide engineering services for the restoration of the municipal complex HVAC systems. It is our understanding that the building suffered extensive damage from Hurricane Ida. We have been supporting Rapid Recovery on temporary power and some plumbing issues. We have now been requested to support the restoration team with engineering review of certain HVAC issues.

### **Scope(s) of Services**

The first scope of work is to review submittals of HVAC equipment. Although the intent is to replace existing equipment as like-for-like, the original equipment is no longer manufactured, and are therefore being selected to be "similar" to the original equipment. We would therefore review the proposed replacement chiller, air handlers and pumps to ensure (to the extent practical) that the new systems will perform properly.

The second scope of work is to investigate the existing chilled water and hot water piping. It is our understanding that the piping is showing signs of deterioration. M&E will engage a specialty firm to perform ultrasonic wall thickness testing on the piping at select locations to determine whether the piping has corroded beyond the pressure requirements. Additionally, we will engage a water treatment company to develop a plan for flushing and treating the existing piping (if it is determined to be usable).

Lastly, we will provide Construction Administration support to the contractors on an as-needed basis. This will include inspections, responding to requests for information (RFI) or review of other issues which may arise during the reconstruction. These services will be billed hourly as needed.

### **Stipulations**

- M&E Engineers shall have no control or charge and/or responsibility for construction means, methods, techniques, sequences, or procedures, for safety precautions and programs in connection with the work, for acts or omissions of the contractors, subcontractors or other persons performing any of the work, or for failure of any of them to carry out the work in accordance with construction documents.
- M&E will verify existing conditions by visual observations only, except as specifically noted otherwise. Testing or invasive investigation to expose concealed

conditions is not included. Any such investigation if authorized or requested by Owner shall be considered an additional service.

- M&E will perform the services described in this proposal in accordance with the generally accepted standards of the profession. No warranty is expressed nor implied.
- This proposal does not include an overall assessment of the building systems.
- M&E is not assuming responsibility for the operation of HVAC systems or any indoor air quality or comfort issues that might arise.
- Investigation, design or specifications for mitigation of asbestos or other hazardous materials is NOT included.
- Electrical, Plumbing and Fire Sprinkler designs are NOT included.
- Automatic Temperature Controls work is not included.
- Electrical arc-flash analysis is NOT included.
- Permit fees are NOT included.
- Commissioning is NOT included.

### **Fees & Payments**

We propose an hourly not-to-exceed sum fee of **Twenty Thousand Dollars (\$20,000.00)** for engineering support services as described above. Reimbursable expenses for travel and normal printing are included.

Invoices will be issued monthly according to the progress of the work, and are due net 30 days. Construction Administration and other Additional Services, if required and authorized, would be billed at the following hourly rates.

<b>Discipline</b>	<b>Hourly Rate</b>
Principal	\$190.00/Hr.
Senior Engineer	\$165.00
Commissioning Agent	\$150.00
Project Engineer	\$140.00
Engineer	\$120.00
Commissioning Technician	\$100.00

### **Contract**

The basis of this agreement shall be in accordance with the EJCDC (Engineers Joint Contract Documents Committee) Agreement Between Owner and Engineer for Study and Report Phase Professional Services (E-525, 2022) as published by the National Society of Professional Engineers, for these services.

M&E Engineers maintains General Liability, Excess Umbrella, and Professional Services Insurance coverage, and will issue certificates upon request. The Owner and Rapid Recovery Service shall indemnify and hold harmless M&E Engineers, Inc. and its officers, directors, employees, and consultants against all third party claims. Total liability shall be limited to the amount of fees paid, to the extent allowed by law.

We thank you for the opportunity to present this proposal and look forward to being of service. If there are any questions regarding this proposal please do not hesitate to call.

Very Truly Yours,



William Amann, P.E., DCEP, LEED Fellow  
President

Please sign and return one copy as authorization to proceed.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Title: \_\_\_\_\_