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**Company Overview: Innovative Solutions • Now and the Future**

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Mbroh Engineering, Inc. (MEI) is a certified minority owned Electrical, Instrumentation and Controls (I&C) engineering firm committed to providing a high level of professional service with personal attention to details on every project. Our engineering services includes, planning, studies, power distribution systems, switchgear design, network design, telecommunication design, SCADA, controls, and instrumentation design.

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**Key Projects: Current projects with City of Houston**

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**City of Houston Automation Improvements for Plant Sites at Various Locations**



MEI was selected as the Prime Consultant firm to develop a standardized approach for automation improvements for various plant and equipment sites utilizing the city-wide WiMax infrastructure for data acquisition and controls. The project involves converting an obsolete dial-up communication for monitoring water main distribution pressure, developing a method to leverage the WiMax network for monitoring corrosion protection systems throughout the City, and converting an outdated Kingwood SCADA system to the City standards. MEI will deliver a PER, design set of construction plans and specifications, SCADA programming, and Phase III Construction Services for this project.

**NEWPP Expansion**



MEI is providing the electrical engineering for the NEWPP Expansion Project. The scope of services involves the complete detail design from the initial start-up design effort to the Issue for Construction stage for all facilities/components within the new plant expansion.

**Storm Water Pump Station & Flood Warning System (SWPS/FWS) Improvements**



MEI is a sub-consultant to our mentoring firm Chester Engineering to provide electrical and I&C assessment of the City's SWPS/FWS at various locations. The scope of work includes developing a FWS Design Criteria as a guideline for consultants for future FWS design projects.

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**Differentiators: What makes MEI stands out**

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- Ability to provide an Innovative Approach to complicated projects
- Knowledgeable Staff with a proven record for delivering projects on time and under budget
- Impressive resume for small and large electrical, instrumentation, and controls project