

Design-Build for Morris Park Locomotive Shop Improvements



Garg Consulting Services, Inc.

The Morris Park Locomotive Shop facility is proposed as a replacement of the previous shop constructed and placed into service in 1889 and demolished in 2009. The Morris Park Locomotive Shop project will provide LIRR a new, modern 21st Century



locomotive maintenance facility for the railroad’s fleet of DE 30 and DM 30 diesel and dual-mode diesel-electric locomotives. This project will maximize yard functionality and avoid disturbing neighboring residential areas to the greatest extent possible. The Design of the interior configuration of the new shop plans to maximize efficiency and worker productivity and will incorporate provisions for a future wye track replacing the aging locomotive turntable. LIRR tasked a study to achieve these requirements. To implement the report, drawings were developed to 90% stage.

Garg Consulting Services, Inc. (Garg) is supporting the design effort and is developing the design for heating, ventilation and air-conditioning (HVAC), and Site Lighting including exterior power. Garg is reviewing and verifying 90% staged drawings and making the appropriate changes to update and revise the drawings to 100% level for construction. This includes coordination with the Architectural and all other Service drawings. The design for HVAC and Site Lighting will address the “Performance and Design Criteria Document” and be in accordance with contract specifications. Garg will also provide construction support for the review of shop drawings and testing and commissioning the facility along with providing “As-Built” drawings at the end of construction activity.

Organization Name	Location	Project Duration			Dollar Amount	Prime/Sub-Consultant
		Contract Date	Start Year	Completion Year		
LIRR	Queens, NY	01/03/18	2018	2020	\$102.3 Million	Sub-Consultant