

BART Agreement Number: 6M8124

Approval Date: 11/28/17

Work Plan No. B.12 – Traction Power Preventative Maintenance

Scope:

The Scope of Services includes engineering support as needed to update and improve traction power maintenance processes and procedures. Specific activities include the following:

- Identify new necessary testing, monitoring and measuring equipment to support maintenance and engineering.
- Set up procurement package for identified test equipment and support as needed through the entire procurement cycle.
- Develop a training plan and provide relevant documentation for new test equipment.
- Conduct an engineering resource needs assessment & develop a prioritized list of recommendations based on the needs assessment.
- Document processes to include flow charts.
- Identify potential improvements to remotely monitor and measure Traction Power quality and assets.
- Provide ideas/solutions for visual metric to track equipment performance.
- Review existing Preventive Maintenance Procedures for Traction Power Assets.
- Identify procedural changes for TP PM's to improve reliability and extend the useful life.
- Review Preventive Maintenance Procedures for efficiency, and identify areas to eliminate waste.

Prime: WSP

Subconsultant	Amount	DBE (Y/N)	SBE (Y/N)
SEM	\$108,215	N	Y

Work Plan Value: \$118,652