

BART Agreement Number: 6M8148

Approval Date: 02/23/23

Work Plan No. B.29-01 Project Support for Electrical Engineering Projects

Scope:

This work plan is to hire a Consultant Entry Level Engineer with electrical background to provide design and field support services for various projects under Electrical Engineering. Electrical engineering work involve system design such as Uninterruptable Power Supplies (UPS), Emergency Generators, Standby generators, Arc Flash, low and medium voltage switchgear, transformers, control systems, power distribution designs, fan controller, SEL relays, Emergency Lighting, Lighting, fire alarm, cathodic protection, and many other similar electrical projects. As Entry Level Engineer, under close supervision, perform a variety of entry level electrical engineering duties including modification of engineering specifications, preliminary cost estimates, creation of engineering drawings, and various calculations/analysis; provides input on critical safety decisions ensuring appropriate code and industry standards are utilized through the design process etc.

Prime: TY Lin-TSE, JV

Subconsultant: None

Total Work Plan Value: \$ 150,418