Work Plan No. B.20-01-Sr Civil Engineers

2.0 SERVICES TO BE PERFORMED BY CONSULTANT AND WORK BREAKDOWN STRUCTURE:

The Consultant is to provide two Senior Civil Engineers for approximately 40 hours/week each. Specific duties and responsibilities for the Senior Civil Engineer shall include the following:

a. Perform advanced civil engineering duties in the preparation of engineering design plans and specifications for the District's tracks, access roads, parking lots, drainage and other.
b. Perform engineering design calculations; prepare engineering design drawings and specifications, calculations, and construction cost estimates; and provide design support during construction.
c. Inspect equipment or facility; analyze and provide recommendations for engineering solutions, repairs, modifications, or maintenance.
d. Review and respond to engineering submittals, drawings and specifications prepared by outside agencies for construction projects adjacent to District facilities.
e. Prepare and coordinate the preparation of construction feasibility studies and cost estimates; define scope and develop conceptual plans; prepare civil engineering design project proposals for management review and approval.
f. Review contractor submittals for conformance to drawings and specifications; interpret plans and specifications; prepare and direct design contract revisions and change orders.
g. Initiate and evaluate design and field environment changes during construction; take field measurements of completed work; inspect construction at substantial and final completion stages.
h. Prepare engineering reports, manuals, and other correspondence related to work activities.
i. As assigned, conduct field inspections, site investigations and field materials testing duties.

Prime: TY LIN - TSE, JV
Subconsultants: None
Total Work Plan Value: $727,997