

Works Categories

WORKS: Bridges

Summary of Requirements: Provide all engineering services for the preparation of plans and specifications of bridges.

Matrix of Services

	P/S/I	Sub Consultant
Constructability Review	I	Named At Interview
Electrical Engineering - Traffic/Lighting	I	Named At Interview
Geotechnical Engineering	I	Named At Interview
Highway Eng - Traffic Engineering	I	Named At Interview
Highway Eng - Urban Arterial Design	P/S	
Hydraulic/Hydrology - Storm Drain Conveyance	P/S	
Landscape Architecture	I	Named At Interview
Structural Eng - Transportation and Flood Control	P	N/A
Surveying - Land Surveying	I	Named At Interview
Utilities - Coordination and Design	I	Named At Interview

WORKS: Construction Management

Summary of Requirements: Those duties called for in the Construction Management – Administration Service as the Prime and the provision or management of Construction Management – Quality Assurance (Materials Testing and Inspection) either as the Prime or through a pre-qualified Sub Consultant.

Matrix of Services

	P/S/I	Sub Consultant
Const Management - Administration	P	N/A
Const Management - QA (Mat Test/Insp)	I	Named At Interview

WORKS: Flood Control - Major Project

Summary of Requirements: Provide all engineering services for the preparation of plans and specifications of flood control improvements. Projects will typically cost *more than* one million dollars, and require storm drain conveyance design, detention / retention design, or both.

Matrix of Services

	P/S/I	Sub Consultant
Constructability Review	I	Named At Interview
Environmental Eng - Environmental Studies	I	Named At Interview
Geotechnical Engineering	I	Named At Interview
Hydraulic/Hydrology - Detention/Retention	P	N/A
Hydraulic/Hydrology - Storm Drain Conveyance	P	N/A
Structural Eng - Transportation and Flood Control	P/S	
Surveying - Land Surveying	I	Named At Interview
Utilities - Coordination and Design	I	Named At Interview

WORKS: Flood Control - Minor Project

Summary of Requirements: Provide all engineering services for the preparation of plans and specifications of flood control improvements. Projects will typically cost *less than* one million dollars, and require only storm water collection and conveyance design.

Matrix of Services

	P/S/I	Sub Consultant
Constructability Review	I	Named At Interview
Geotechnical Engineering	I	Named At Interview
Hydraulic/Hydrology - Storm Drain Conveyance	P	N/A
Structural Eng - Transportation and Flood Control	P/S	
Surveying - Land Surveying	I	Named At Interview
Utilities - Coordination and Design	I	Named At Interview

WORKS: Landscape Architecture and Engineering

Summary of Requirements: Provide landscape architectural and engineering services for design and construction of various landscape projects. Basic services may include reports, surveys, studies, general requirements, master planning (analysis and design), construction documents, bidding assistance, and post design services.

Matrix of Services

	P/S/I	Sub Consultant
Electrical Engineering - Traffic/Lighting	I	Named At Interview
Landscape Architecture	P	N/A
Surveying - Land Surveying	I	Named At Interview

WORKS: Limited Access Roadways

Summary of Requirements: Provide all engineering services for the preparation of plans and specifications of freeways and other limited access roadways.

Matrix of Services

	P/S/I	Sub Consultant
Constructability Review	I	Named At Interview
Electrical Engineering - Traffic/Lighting	I	Named At Interview
Environmental Eng - Environmental Studies	I	Named At Interview
Geotechnical Engineering	I	Named At Interview
Highway Eng - Freeway Design	P	N/A
Highway Eng - Traffic Engineering	P/S	
Hydraulic/Hydrology - Detention/Retention	P/S	
Hydraulic/Hydrology - Storm Drain Conveyance	P/S	
Structural Eng - Transportation and Flood Control	P/S	
Surveying - Land Surveying	I	Named At Interview
Utilities - Coordination and Design	I	Named At Interview

WORKS: Pedestrian Grade Separations

Summary of Requirements: Provide conceptual, preliminary, and possibly all engineering services from feasibility studies to the construction of pedestrian grade separations. These Services may include consensus building; interactive three-dimensional computer model presentation ability; extensive and detailed utility location and relocation; pedestrian and vehicle estimates; air quality benefit analysis; ADA compliance; architectural analysis; geotechnical, civil, traffic, structural, and electrical engineering. Work may involve numerous meetings with property owners and interested parties.

Matrix of Services

	P/S/I	Sub Consultant
Constructability Review	I	Named At Interview
Electrical Engineering - Traffic/Lighting	P/S	
Environmental Eng - Air Quality Impact Studies	I	Named At Interview
Geotechnical Engineering	I	Named At Interview
Highway Eng - Traffic Engineering	P/S	
Highway Eng - Urban Arterial Design	P/S	
Structural Eng - Transportation and Flood Control	P	N/A
Surveying - Land Surveying	I	Named At Interview
Utilities - Coordination and Design	I	Named At Interview

WORKS: Streets and Road Repair - Major Project

Summary of Requirements: Provide all engineering services for the preparation of plans and specifications of streets and road repair. Projects will typically cost *more than* two million dollars, and may require special improvement district work, traffic improvement work, electrical engineering, structural engineering, and considerable right-of-way engineering.

Matrix of Services

	P/S/I	Sub Consultant
Constructability Review	I	Named At Interview
Electrical Engineering - Traffic/Lighting	I	Named At Interview
Geotechnical Engineering	I	Named At Interview

Highway Eng - Traffic Engineering	P/S	
Highway Eng - Urban Arterial Design	P	N/A
Hydraulic/Hydrology - Storm Drain Conveyance	P/S	
Structural Eng - Transportation and Flood Control	P/S	
Surveying - Land Surveying	I	Named At Interview
Utilities - Coordination and Design	I	Named At Interview

WORKS: Streets and Road Repair - Minor Project

Summary of Requirements: Provide all engineering services for the preparation of plans and specifications of streets and road repair. Projects will typically cost *less* than two million dollars and will not normally require special improvement district work, electrical engineering, or structural engineering. Work may involve some minor structures and minimal right-of-way engineering.

Matrix of Services

	P/S/I	Sub Consultant
Constructability Review	I	Named At Interview
Electrical Engineering - Traffic/Lighting	I	Named At Interview
Geotechnical Engineering	I	Named At Interview
Highway Eng - Traffic Engineering	P/S	
Highway Eng - Urban Arterial Design	P	N/A
Hydraulic/Hydrology - Storm Drain Conveyance	P/S	
Surveying - Land Surveying	I	Named At Interview
Utilities - Coordination and Design	I	Named At Interview