

COMMERCIAL TECHNICAL DIRECTOR

REPORTS TO: DESIGN PROJECT DIRECTOR

ROLE / RESPONSIBILITIES

- Oversee project support services
- Coordinate project TWG discipline leads, meetings and deliverables
- Manage daily activities in development and execution of framework needed to deliver project
- Direct and monitor overall project budget and schedule
- Oversee preparation, negotiations and administration of project subconsultant agreements
- Oversee fulfilling staffing and human resources needs
- Manage daily activities of project support resources and discipline leads
- Monitor compliance with commercial terms of contracts including invoicing and accounting functions
- Manage project controls and documentation requirements
- Monitor the operation and performance of the management systems to help ensure that they perform as required
- Ensure clear lines of communication with design staff and support services
- Ensure client satisfaction

QUALIFICATIONS

EDUCATION / CERTIFICATION

- Advanced degree in business, law or similar discipline; Graduate degree or J.D. preferred
- PMP certification a plus

EXPERIENCE

- At least 15 years of senior level management experience in the consulting engineering or construction industry
- At least five years of experience in delivery of design-build and/or P3 projects
- At least five years of experience managing human resources, accounting, documentation and subcontracting efforts

SKILLS

- Excellent technical and interpersonal skills, public speaking and persuasive ability
- Strong team management, meeting management and leadership skills
- Strong credentials in contract negotiations, financial management, fee estimating, risk management, change management and project closeout

LOCATION / DUTIES

- Full time
- Co-located with the client and owner in Dallas/Fort Worth

POST DESIGN MANAGER

REPORTS TO: DESIGN PROJECT DIRECTOR

ROLE / RESPONSIBILITIES

- Oversee design services during construction
- Provide effective communication flow between contractor and design engineers for interpretation or clarification of contract documents
- Implement efficient review and response program for all requests during construction
- Oversee effective tracking mechanisms for construction related requests including design changes during construction, information requests, and shop drawing reviews
- Effectively communicates with construction leadership and staff
- Ensure clear lines of communication with construction staff and design team
- Evaluate contractor-initiated changes for technical feasibility and cost implications
- Lead design team in delivering changes that result during construction
- Ensure client satisfaction

QUALIFICATIONS

EDUCATION / CERTIFICATION

- Bachelor's degree in engineering with concentration in transportation
- Texas P.E. license or ability to obtain within 6 months
- DBIA, CMAA or similar certification a plus
- PMP certification a plus

EXPERIENCE

- At least 15 years of experience in heavy civil transit and railroad projects including guideway, stations, structures
- At least five years of experience in delivery of design-build and/or P3 projects, including successful management of projects in excess of \$250M construction value

SKILLS

- Excellent technical and interpersonal skills, public speaking and persuasive ability
- Strong team management, and leadership skills
- Strong credentials in contract negotiations, financial management, fee estimating, risk management, change management and project closeout

LOCATION / DUTIES

- Full time
- Co-located with the client and owner in Dallas/Fort Worth

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| <p>REGION MANAGER REPORTS TO: DESIGN MANAGER</p> | |
| <p>ROLE / RESPONSIBILITIES</p> <ul style="list-style-type: none"> – Responsible for delivery of design elements of all segments in a Region, resulting in an integrated design across all segments within assigned Region – Direct Segment Leads in engineering design – Review deliverables and submittals from segment leads – Coordinate with technical disciplines leads and adjacent regional managers – Coordinate region-wide geotechnical, utilities/SUE, survey, haz-mat, drainage, structures – Identify and engage resources to conduct local, state and federal stakeholder coordination within assigned Region – Ensure adherence to all local, state and federal jurisdictional requirements – Coordinate with system integrator and system provider to ensure input is provided in a timely and effective manner to support design development – Ensure compliance with the project management plan and design quality management plan – Oversee budget, schedule and quality for all segments in the Region – Report on the status and expedite resolution of project action items and design/construction issues – Review and develop progress and status reports – Track project progress of deliverables, milestones and other commitments – Ensure client satisfaction | <p>QUALIFICATIONS</p> <p>EDUCATION / CERTIFICATION</p> <ul style="list-style-type: none"> – Bachelor's degree in engineering with concentration in transportation; graduate degree preferred. – Texas P.E. license or ability to obtain within 6 months – DBIA, CMAA or similar certification a plus – PMP certification a plus <p>EXPERIENCE</p> <ul style="list-style-type: none"> – At least 10 years of experience in design and delivery of major transportation projects, with three years of rail and transit project experience preferred – At least five years of experience as project manager on projects in excess of \$80M construction value – Experience in delivery of design-build and/or P3 projects a plus <p>SKILLS</p> <ul style="list-style-type: none"> – Excellent technical and interpersonal skills, public speaking and persuasive ability – Strong schedule and budget management, and team leadership skills – Strong credentials in financial management, fee estimating, risk management, change management and project closeout. <p>LOCATION / DUTIES</p> <ul style="list-style-type: none"> – Full time – May be housed in a remote office location – Requires frequent (weekly) travel for meetings with client and owner in Dallas/Fort Worth – Additional in-state travel required |

SEGMENT X LEAD *{Multiple Positions Required}*

REPORTS TO: REGION MANAGER *[SEGMENT LEADS MAY SIMULTANEOUSLY FILL A REGION MANAGER POSITION]*

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| <p>ROLE / RESPONSIBILITIES</p> <ul style="list-style-type: none"> – Provide design management for Segment X – Responsible for design execution of all top-of-rail down components within the Segment, including detailed coordination with systems design components provided by others; Segment design includes plan production for all underground conduit and backbone infrastructure required for rail power and systems – Oversee production of all design deliverables on schedule – Ensure adherence to corridor-wide design criteria – Coordinate as needed with relevant TWG – Coordinate with local municipal agencies and utility providers – Perform all services in compliance with the project management plan and design quality management plan – Oversee budget, schedule and quality for the Segment – Identify and assign needed resources to deliver Segment design – Report on the status and expedite resolution of project action items and design/construction issues – Review and develop progress and status reports – Track project progress of deliverables, milestones and other commitments | <p>QUALIFICATIONS</p> <p>EDUCATION / CERTIFICATION</p> <ul style="list-style-type: none"> – Bachelor's degree in engineering with concentration in transportation – Texas P.E. license or ability to obtain within six months – DBIA, CMAA or similar certification a plus – PMP certification a plus. <p>EXPERIENCE</p> <ul style="list-style-type: none"> – At least 10 years of experience in design and delivery of major transportation projects, with three years of rail and transit project experience preferred – Experience in delivery of design-build and/or P3 projects a plus <p>SKILLS</p> <ul style="list-style-type: none"> – Excellent technical and interpersonal skills – Strong schedule and budget management, and team leadership skills – Strong credentials in financial management, fee estimating, risk management, change management and project closeout. <p>LOCATION / DUTIES</p> <ul style="list-style-type: none"> – Full time – May be housed in a remote office location – Requires frequent travel for meetings with client and owner in Dallas/Fort Worth |
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LEAD – MAINTENANCE / MAINTENANCE OF WAY (MOW) FACILITIES
 REPORTS TO: REGION MANAGER

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| <p>ROLE / RESPONSIBILITIES</p> <ul style="list-style-type: none"> – Responsible for site planning, design management and design execution for the heavy maintenance, minor maintenance and maintenance of way facilities along the corridor – Oversee production of all design deliverables associated with these facilities – Design responsibility includes plan production for all underground conduit and backbone infrastructure required for rail power and systems – Coordinate with 1BB, TCP (Owner) and Team Japan (Operator) as needed to address systems and track integration – Coordinate with local municipal agencies and utility providers – Ensure adherence to corridor-wide design criteria – Coordinate as needed with relevant TWG – Perform all services in compliance with the project management plan and design quality management plan – Oversee budget and schedule, quality for the design work – Identify and assign needed resources to deliver the design – Report on the status and expedite resolution of project action items and design/construction issues – Review and develop progress and status reports – Track project progress of deliverables, milestones and other commitments | <p>QUALIFICATIONS</p> <p>EDUCATION / CERTIFICATION</p> <ul style="list-style-type: none"> – Bachelor's degree in civil engineering – Texas P.E. license or ability to obtain within six months – DBIA, CMAA or similar certification a plus – PMP certification a plus <p>EXPERIENCE</p> <ul style="list-style-type: none"> – At least 12 years of experience in design and delivery of major transportation projects, with at least five years of rail and transit project experience – Experience in delivering rail maintenance facilities – Experience in delivery of design-build and/or P3 projects a plus <p>SKILLS</p> <ul style="list-style-type: none"> – Excellent technical and interpersonal skills – Strong schedule and team leadership skills – Strong credentials in financial management, fee estimating, risk management, change management and project closeout <p>LOCATION / DUTIES</p> <ul style="list-style-type: none"> – Full time – May be housed in a remote office location – Requires frequent travel for meetings with client and owner in Dallas/Fort Worth |
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| <p>LEAD – TEMPORARY FACILITIES</p> <p>REPORTS TO: REGION MANAGER</p> | |
| <p>ROLE / RESPONSIBILITIES</p> <ul style="list-style-type: none"> – Provide design management and design execution for temporary facilities corridor wide – Oversee production of all design deliverables for temporary facilities – Coordinate with local municipal agencies and utility providers – Ensure adherence to corridor-wide design criteria – Coordinate as needed with relevant TWG – Perform all services in compliance with the project management plan and design quality management plan – Oversee budget and schedule, quality for all temporary facilities – Identify and assign needed resources to deliver design of temporary facilities – Report on the status and expedite resolution of project action items and design/construction issues – Review and develop progress and status reports – Track project progress of deliverables, milestones and other commitments | <p>QUALIFICATIONS</p> <p>EDUCATION / CERTIFICATION</p> <ul style="list-style-type: none"> – Bachelor's degree in engineering with concentration in transportation – Texas P.E. license or ability to obtain within six months – PMP certification a plus <p>EXPERIENCE</p> <ul style="list-style-type: none"> – At least ten years of experience in design and delivery of infrastructure project work – Experience in delivery of design-build and/or P3 projects a plus <p>SKILLS</p> <ul style="list-style-type: none"> – Excellent technical and interpersonal skills – Strong schedule and budget management, and team leadership skills – Strong credentials in financial management, fee estimating, risk management, change management and project closeout. <p>LOCATION / DUTIES</p> <ul style="list-style-type: none"> – Full time – May be housed in a remote office location – Requires frequent travel for meetings with client and owner in Dallas/Fort Worth |

LEAD – STATIONS

REPORTS TO: REGION MANAGER

ROLE / RESPONSIBILITIES

- Responsible for site planning, design management and design execution for the Dallas, Houston and Brazos stations
- Oversee production of all design deliverables associated with these facilities
- Ensure adherence to corridor-wide design criteria
- Coordinate as needed with relevant TWG
- Coordinate with local municipal agencies and utility providers
- Perform all services in compliance with the project management plan and design quality management plan
- Oversee budget and schedule, quality for all station design work
- Identify and assign needed resources to deliver the design
- Report on the status and expedite resolution of project action items and design/construction issues
- Review and develop progress and status reports
- Track project progress of deliverables, milestones and other commitments

QUALIFICATIONS

EDUCATION / CERTIFICATION

- Bachelor's degree in engineering or architecture with concentration on transportation related projects
- Texas PE or TBAE or ability to obtain within six months

EXPERIENCE

- At least 10 years of experience in design and delivery of major transportation projects
- At least three years of rail and transit station experience required
- Experience in delivery of design-build and/or P3 projects

SKILLS

- Excellent technical and interpersonal skills
- Strong schedule and budget management, and team leadership skills
- Strong credentials in financial management, fee estimating, risk management, change management and project closeout

LOCATION / DUTIES

- Full time
- May be housed in a remote office location
- Requires frequent travel for meetings with client and owner in Dallas/Fort Worth

TWG / DISCIPLINE LEAD - TRACK

REPORTS TO: COMMERCIAL / TECHNICAL DIRECTOR

ROLE / RESPONSIBILITIES

- In consultation with 1BB, provide leadership for the planning, management and documentation of all TWG activities
- Investigate innovations and enhancements for refinement of the project's track alignment. Obtain model verification and alignment approval from TCP (Owner) and Team Japan (Operator)
- Establish final alignment of track (horizontal and vertical) throughout the entire corridor
- Finalize the Design Criteria Matrix with 1BB, TCP (Owner) and Team Japan (Operator)
- Implement innovative and cost effective design solutions
- Establish corridor-wide design criteria and maintain configuration control throughout all segment designs
- Provide resources needed within discipline
- Coordinate with other design disciplines and stakeholders
- Perform all services in compliance with the project management plan and design quality management plan
- Direct technical resources for trackwork in support of design development across all segments
- Control, review and approve any request for variances from the segment design team(s)
- Support development of memoranda of understanding with stakeholders

QUALIFICATIONS

EDUCATION / CERTIFICATION

- Bachelor's degree in civil engineering, with a concentration in transportation
- Texas P.E. license or ability to obtain within six months

EXPERIENCE

- At least 15 years of experience in design and delivery of major transportation projects, with at least five years of rail and transit project experience
- Experience in delivery of design-build and/or P3 projects a plus

SKILLS

- Broad-based track and systems engineering knowledge
- Excellent technical and interpersonal skills, public speaking ability
- Strong schedule and budget management, and team leadership skills

LOCATION / DUTIES

- Full time
- Co-located with client and owner in Dallas/Fort Worth
- In-state travel required

TWG / DISCIPLINE LEAD – SYSTEMS INTEGRATION

REPORTS TO: COMMERCIAL / TECHNICAL DIRECTOR

ROLE / RESPONSIBILITIES

- Liaise with and provide coordination with TCP (Owner) and Team Japan (Operator)
- In consultation with 1BB, provide leadership for the planning, management and documentation of all TWG activities
- Support 1BB’s development of a defined scope that clearly demarcates services provided by others
- Provide coordination with 1BB and its systems subcontractor (MC Dean)
- Recommend innovative and cost effective design solutions
- Establish corridor-wide design criteria with Owner and Operator and maintain consistency throughout all Segment designs
- Document in detail, all coordination efforts, recommendations and outcomes with 1BB, the TCP (Owner) and Team Japan (Operator)
- Provide needed resources within discipline
- Perform all services in compliance with the project management plan and design quality management plan
- Coordinate all required systems installations at a detail level with other design disciplines and stakeholders. (Work/design performed at the segment level)
- Direct technical resources for support of design development across all segments
- Control, review and approve any request for variances from the segment design team
- Support development of memoranda of understanding with stakeholders

QUALIFICATIONS

EDUCATION / CERTIFICATION

- Bachelor's degree in civil engineering, with a concentration in transportation
- Texas P.E. license or ability to obtain within six months

EXPERIENCE

- At least 10 years of experience in design and delivery of major transportation projects
- A minimum of five years of rail and transit systems integration experience; high-speed rail systems a plus
- Experience in delivery of design-build and/or P3 projects a plus

SKILLS

- Broad-based track and systems engineering knowledge
- Excellent technical and interpersonal skills, public speaking ability
- Strong schedule and budget management, and team leadership skills

LOCATION / DUTIES

- Full time
- Co-located with client and owner in Dallas/Fort Worth
- In-state travel required

TWG / DISCIPLINE LEAD - CIVIL / MOT / ITS

REPORTS TO: COMMERCIAL / TECHNICAL DIRECTOR

ROLE / RESPONSIBILITIES

- Establish corridor-wide design criteria and maintain configuration control
- Develop project wide standard details (i.e. embankment, local roads, etc.)
- Provide technical and quality guidance within discipline
- Manage coordination between TWG disciplines and maintain appropriate records, drawings and documentation to ensure compliance with the Design Criteria Matrix and other established standards
- Coordinate, develop and complete relevant quality reviews for the complete and proper transmittal of multi-discipline deliverables
- Lead the development of cost effective and innovation design solutions
- Provide needed resources within discipline
- Perform all services in compliance with the project management plan and design quality management plan
- Coordinate with other design disciplines and stakeholders
- Support development of memoranda of understanding with stakeholders
- Coordination with other design disciplines and stakeholders

QUALIFICATIONS

EDUCATION / CERTIFICATION

- Bachelor's degree in civil engineering with concentration on transportation
- Texas P.E. license or ability to obtain within six months

EXPERIENCE

- At least 12 years of experience in design and delivery of major transportation projects, with at least three years of rail and transit project experience
- Experience in civil design for railways, signal design, intersection design, pavement marking, signing and striping design
- Experience in delivery of design-build and/or P3 projects a plus

SKILLS

- Excellent technical and interpersonal skills, public speaking and persuasive ability
- Strong schedule and budget management, and team leadership skills

LOCATION / DUTIES

- Full time
- Co-located with client and owner in Dallas/Fort Worth
- In-state travel required

TWG / DISCIPLINE LEAD – STRUCTURAL

REPORTS TO: COMMERCIAL / TECHNICAL DIRECTOR

ROLE / RESPONSIBILITIES

- In consultation with 1BB, provide leadership for the planning, management and documentation of all TWG activities
- Establish corridor-wide design criteria and maintain configuration control
- Develop project wide standard details (viaduct, columns, walls, foundations, etc.)
- Provide technical and quality guidance for the discipline
- Oversee the production of structural models that are implemented corridor-wide
- Lead the development of innovative and cost effective design solutions related to project structures with strong interaction with the Civil, Geo-Tech, Track and System TWGs
- Perform all services in compliance with the project management plan and design quality management plan
- Assist with resolution with technical issues corridor wide
- Provide needed resources within discipline
- Coordinate with other design disciplines and stakeholders

QUALIFICATIONS

EDUCATION / CERTIFICATION

- Bachelor's degree in engineering with concentration on transportation; graduate degree preferred
- Texas P.E. license or ability to obtain within six months
- Pre-certification in Texas Department of Transportation's (TxDOT) work categories for bridge design is desirable

EXPERIENCE

- At least 12 years of experience in design and delivery of major transportation projects, with at least three years as the structures lead for a rail and transit project
- At least five years of long-span bridge design experience, with rail experience preferred
- Experience in delivery of design-build and/or P3 projects a plus

SKILLS

- Excellent technical and interpersonal skills, public speaking and persuasive ability
- Strong schedule and budget management, and team leadership skills

LOCATION / DUTIES

- Full time
- Co-located with client and owner in Dallas/Fort Worth
- In-state travel required

TWG / DISCIPLINE LEAD – DRAINAGE

REPORTS TO: COMMERCIAL / TECHNICAL DIRECTOR

ROLE / RESPONSIBILITIES

- Establish corridor-wide drainage design criteria and maintain configuration control
- Develop corridor-wide drainage standard details
- Provide needed resources within discipline
- Lead the development of innovative and cost effective design solutions related to drainage
- Lead analysis of FEMA regulated floodways to identify preliminary design requirements for structures
- Support development of memoranda of understanding with stakeholders and reports required by local and state agencies
- Perform all services in compliance with the project management plan and design quality management plan
- Assist with resolution with technical drainage issues corridor wide
- Coordinate with other design disciplines and stakeholders
- In consultation with 1BB, provide leadership for the planning, management and documentation of all TWG activities.

QUALIFICATIONS

EDUCATION / CERTIFICATION

- Bachelor's degree in civil engineering with concentration on transportation. Graduate degree preferred.
- Texas P.E. license or ability to obtain within six months

EXPERIENCE

- At least 8 years of experience in design and delivery of major transportation projects, with at least three years in a lead role for project wide drainage design
- Experience in delivery of design-build and/or P3 projects a plus

SKILLS

- Excellent technical and interpersonal skills, public speaking and persuasive ability
- Strong schedule and budget management, and team leadership skills

LOCATION / DUTIES

- Full time
- Co-located with client and owner in Dallas/Fort Worth
- In-state travel required

TWG / DISCIPLINE LEAD – GEOTECHNICAL

REPORTS TO: COMMERCIAL / TECHNICAL DIRECTOR

ROLE / RESPONSIBILITIES

- Oversee geotechnical discipline activities for the project
- Oversee drilling, testing, and geotechnical subconsultants and efficiently direct these activities in coordination with the needs of the overall design
- In consultation with 1BB, provide leadership for the planning, management and documentation of all TWG activities
- Implement innovative and cost effective design solutions corridor wide
- Oversee production of preliminary geotechnical reports
- Ensure that preliminary reports contain project information required for preliminary design deliverables
- Participate in risk workshop and identifies risks related to geotechnical conditions
- Provide innovative and cost effective design solutions related to project geotechnical issues and retaining walls
- Perform all services in compliance with the project management plan and design quality management plan
- Coordinate with other design disciplines and stakeholders

QUALIFICATIONS

EDUCATION / CERTIFICATION

- Bachelor's degree in civil engineering with concentration on transportation; graduate degree preferred
- Texas P.E. license or ability to obtain within six months

EXPERIENCE

- At least 12 years of experience providing leadership of geotechnical investigations, reports and recommendations for design
- A minimum of six years of experience shall be Texas-based; experience in the Dallas/Houston corridor preferred
- Experience in delivery of design-build and/or P3 projects

SKILLS

- Excellent technical and interpersonal skills, public speaking and persuasive ability
- Proven expertise to identify and implement cost effective geotechnical foundation designs on a design-build project
- Strong schedule and budget management, and team leadership skills

LOCATION / DUTIES

- Full time
- Co-located with client and owner in Dallas/Fort Worth
- In-state travel required



TWG / DISCIPLINE LEAD – UTILITIES

REPORTS TO: COMMERCIAL / TECHNICAL DIRECTOR

ROLE / RESPONSIBILITIES

- Establish and maintain a full listing of utilities within the project’s LOD along the entire corridor
- In consultation with 1BB, provide leadership for the planning, management and documentation of all TWG activities
- Coordinate the need for further field investigations with 1BB
- Plan, oversee and document field SUE investigations; manage design specific subconsultants required to complete these efforts
- Provide needed resources within discipline
- Perform all services in compliance with the project management plan and design quality management plan
- Coordinate with other design disciplines and stakeholders
- Support Texas Central Partner’s outreach for creation of needed utility, local government and third party agreements
- Support development of memoranda of understanding with stakeholders

QUALIFICATIONS

EDUCATION / CERTIFICATION

- Bachelor's degree in civil engineering or related area of study

EXPERIENCE

- At least 10 years of experience in design and delivery of major transportation projects with a minimum of three years leading utility investigations
- Experience in delivery of design-build and/or P3 projects a plus

SKILLS

- Excellent technical and interpersonal skills, public speaking and persuasive ability
- Strong schedule and budget management, and team leadership skills

LOCATION / DUTIES

- Full time
- Co-located with client and owner in Dallas/Fort Worth
- In-state travel required

TWG / DISCIPLINE LEAD – STATIONS

REPORTS TO: COMMERCIAL / TECHNICAL DIRECTOR

ROLE / RESPONSIBILITIES

- Provide input into the TCP (Owner) master planning process and translate those planning goals into preliminary design
- In consultation with 1BB, provide leadership for the planning, management and documentation of all TWG activities
- Oversee development of preliminary design for aesthetic features consistent with conceptual station renderings prepared by others
- Conduct technical working group meetings related to station preliminary design
- Finalize the station design criteria and requirements based TCP's (Owner) preliminary site plans, station layouts and other details
- Promote and implement innovative and cost effective solutions related to stations
- Provide direction and oversight to Segment teams preparing preliminary design drawings for station architectural, structural, and MEP.
- Perform all services in compliance with the project management plan and design quality management plan
- Provide needed resources within discipline
- Coordinate with other design disciplines and stakeholders
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QUALIFICATIONS

EDUCATION / CERTIFICATION

- Bachelor's degree in architecture; graduate degree preferred
- License with the Texas Board of Architectural Examiners or ability to obtain within 6 months

EXPERIENCE

- At least 12 years of experience in design and delivery of major architectural projects, with at least five years of rail and transit station experience
- Experience in delivery of design-build and/or P3 projects

SKILLS

- Excellent technical and interpersonal skills
- Ability to deliver a standardized and cost-efficient design concept across all stations and to maintain control of final design teams
- Strong schedule and budget management, and team leadership skills

LOCATION / DUTIES

- Full time
- Co-located with client and owner in Dallas/Fort Worth
- In-state travel required



TWG / DISCIPLINE LEAD – SURVEY

REPORTS TO: COMMERCIAL / TECHNICAL DIRECTOR

ROLE / RESPONSIBILITIES

- Oversee execution of all project survey requirements to develop base and topographic mapping and boundary surveys needed to enable preliminary engineering design
- In consultation with 1BB, provide leadership for the planning, management and documentation of all TWG activities
- Establish corridor-wide survey quality and criteria requirements for capturing supplemental survey
- Establish a common state plane coordinate systems for the entire corridor
- Manage survey team, including subconsultants as needed to complete work
- Provide needed resources to collect survey components for SUE investigations
- Ensure execution of project survey requirements within tight delivery schedule
- Establish survey control monuments that will become the primary survey control for construction of the project
- Perform all services in compliance with the project management plan and design quality management plan
- Coordinate with other design disciplines and stakeholders

QUALIFICATIONS

EDUCATION / CERTIFICATION

- Bachelor, associate or other technical degree
- Texas Registered Professional Land Surveyor (RPLS) license or ability to obtain within six months

EXPERIENCE

- At least 12 years of experience in surveying, including surveying for major transportation projects
- Rail and transit surveying a plus
- Experience in delivery of design-build and/or P3 projects is mandatory

SKILLS

- Excellent technical and interpersonal skills
- Strong schedule and budget management, and team leadership skills

LOCATION / DUTIES

- Full time
- Co-located with client and owner in Dallas/Fort Worth
- In-state travel required

TWG / DISCIPLINE LEAD – ENVIRONMENTAL / ROW

REPORTS TO: COMMERCIAL / TECHNICAL DIRECTOR

ROLE / RESPONSIBILITIES

- Create a detailed listing of environmental compliance requirements using existing owner documents, EIS, public records and other relevant information
- In consultation with 1BB, provide leadership for the planning, management and documentation of all TWG activities
- Prepare environmental constraints mapping
- Establish corridor-wide design criteria including standards for removals, relocations, permanent protection and protect-in-place conditions (construction)
- Support development of memoranda of understanding and agreements with stakeholders
- Coordinate the need for further field investigations with 1BB
- Plan, oversee and document field haz-mat investigations (by others) Manage design specific subconsultants required to complete these efforts
- Provide needed resources within TWG / discipline
- Perform all services in compliance with the project management plan and design quality management plan
- Coordinate with other design disciplines and stakeholders

QUALIFICATIONS

EDUCATION / CERTIFICATION

- Bachelor's degree in civil engineering with concentration in transportation; graduate degree preferred
- Texas P.E. license or ability to obtain within six months

EXPERIENCE

- At least 12 years of experience in design and delivery of major transportation projects, with at least three years of rail and transit project experience
- Experience in delivery of design-build and/or P3 projects a plus

SKILLS

- Excellent technical and interpersonal skills, public speaking and persuasive ability
- Strong schedule and budget management, and team leadership skills

LOCATION / DUTIES

- Full time
- Co-located with client and owner in Dallas/Fort Worth
- In-state travel required

TWG / DISCIPLINE LEAD – SAFETY & SECURITY

REPORTS TO: COMMERCIAL / TECHNICAL DIRECTOR

ROLE / RESPONSIBILITIES

- Working closely with the Track, Systems and Station TWGs, ensure that appropriate corridor-wide track, station and maintenance facility safety and security design criteria are developed and then distributed to the relevant design teams
- In consultation with 1BB, provide leadership for the planning, management and documentation of all TWG activities
- Support 1BB and TCP (Owner) with outreach to relevant public agencies and development of memorandum of understanding and required agreements
- Oversee development of cost effective and innovation design solutions by relevant design teams
- Provide needed resources within TWG
- Coordinate with other design disciplines and stakeholders
- Perform all services in compliance with the project management plan and design quality management plan
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QUALIFICATIONS

EDUCATION / CERTIFICATION

- Bachelor's degree in engineering or other discipline specific degree

EXPERIENCE

- At least ten years of experience in design and delivery of major transportation projects, with at least five 5 years of rail and transit systems experience
- Experience in delivery of design-build and/or P3 projects a plus

SKILLS

- Excellent technical and interpersonal skills, public speaking and persuasive ability
- Strong schedule and budget management, and team leadership skills

LOCATION / DUTIES

- Full time
- Co-located with client and owner in Dallas/Fort Worth
- In-state travel required

CORRIDOR WIDE SERVICES – DOCUMENTATION MANAGER

REPORTS TO: COMMERCIAL / TECHNICAL DIRECTOR

ROLE / RESPONSIBILITIES

- Oversee compliance with Project document management standards and procedures
- Maintain project records, assembly, distribution and storage of documents using a variety of tools including Microsoft SharePoint, ProjectWise and Office Suite
- Receive, log, track, and distribute documents in both electronic and paper format for project record maintenance
- Recognize issues, advise and confer with leadership and project team on matters affecting projects records, documents and deliverable products
- Liaise with Project Design Manager to proactively address documentation issues to promote project success
- Support Client’s Project Controls Manager with overall project controls needs, information access, project closeout activities and document management
- Perform all services in compliance with the project management plan and design quality management plan
- Provide process training to Project staff

QUALIFICATIONS

EDUCATION / CERTIFICATION

- Associates degree in business administration or a similar, relevant discipline, or experience in lieu

EXPERIENCE

- At least five years of experience in document control for the design and construction of large infrastructure projects
- Experience in delivery of design-build and/or P3 projects a plus

SKILLS

- Strong capabilities using Microsoft SharePoint, ProjectWise and Office Suite
- Excellent organizational and interpersonal skills
- Strong schedule and budget management, and team leadership skills

LOCATION / DUTIES

- Full time
- Co-located with client and owner in Dallas/Fort Worth
- No travel required

CORRIDOR WIDE SERVICES – SCHEDULE MANAGER

REPORTS TO: COMMERCIAL / TECHNICAL DIRECTOR

ROLE / RESPONSIBILITIES

- Lead the development and management of integrated master schedule for design using P6 scheduling software
- Identify critical paths including critical float path analysis
- Maintain web-based project performance analysis tools including earned value
- Assess progress measurement and develop/update progress curves for monthly reports
- Create graphics including Gantt charts, activity network diagrams, time-scaled logic diagrams, and histograms
- Collect and distribute schedule related information collection and distribution
- Perform all services in compliance with the project management plan and design quality management plan

QUALIFICATIONS

EDUCATION / CERTIFICATION

- Bachelor's degree in business, engineering, construction management, or related field

EXPERIENCE

- At least seven years of scheduling and field construction experience
- Experience in delivery of design-build and/or P3 projects a plus

SKILLS

- Proficient in Primavera Scheduling software
- Knowledgeable of a variety of engineering and construction concepts, practices, and procedures
- Ability to work closely with others and to deliver in a time-sensitive environment

LOCATION / DUTIES

- Full time
- Co-located with client and owner in Dallas/Fort Worth
- No travel required

CORRIDOR WIDE SERVICES – QUALITY MANAGER

REPORTS TO: 1BB, TCP AND EXECUTIVE COMMITTEE

ROLE / RESPONSIBILITIES

- Develop and maintain quality management plan that aligns with project goals and objectives
- Manage, coordinate and direct the implementation and operation of the design team’s quality management program
- Provide team and subcontractors a clear definition of all aspects of the quality program for project design
- Conduct quality audits of design team’s deliverables to ensure compliance with applicable contract terms and conditions, change order documentation and other related aspects of the work
- Oversee compliance with project document management standards and procedures

QUALIFICATIONS

EDUCATION / CERTIFICATION

- Bachelor’s degree in civil engineering; master’s degree preferred.

EXPERIENCE

- At least 15 years of experience providing QA/QC services on design and construction of large infrastructure projects

SKILLS

- Extensive knowledge of quality assurance/quality control principles, practices and procedures
- Extensive knowledge of engineering design, and construction management principles and practices
- Extensive knowledge of transportation project planning, design and construction
- Extensive knowledge of building materials and equipment, construction practices and techniques.
- Extensive knowledge of Federal, State and Local laws and regulations governing construction activities
- Extensive ability to read and understand design drawings, specifications, geotechnical reports, and industry reference standards and documents
- Considerable ability in use of computer hardware and software for word processing, spreadsheet, database and CADD applications
- Ability to evaluate program effectiveness
- Ability to document and communicate effectively, both orally and in writing

LOCATION / DUTIES

- Full time
- Co-located with client and owner in Dallas/Fort Worth
- Significant travel required



CORRIDOR WIDE SERVICES – ACCOUNTING / CONTRACTS MANAGER

REPORTS TO: COMMERCIAL / TECHNICAL DIRECTOR

ROLE / RESPONSIBILITIES

- Prepare subcontract agreements with scope and cost, negotiate subcontract through execution and funding
- Supervise subcontracts: enforce terms and conditions, modification requests; and settle disputes regarding contract interpretation, conditions or compliance with legal requirements
- Manage subcontractor invoices, monthly reporting requirements, liens and payments
- Monitor compliance of labor charges against the established work breakdown structure
- Prepare, submit and monitor payment for monthly WSP invoices
- Participate in required monthly progress reporting process, ensure compliance with policies and procedure, analysis of costs and variances.
- Perform all services in compliance with the project management plan and design quality management plan
- Act as point of contact and advisor regarding legal requirements and client customer contract requirements

QUALIFICATIONS

EDUCATION / CERTIFICATION

- Bachelor’s degree in a relevant discipline—engineering, business, finance or law preferred

EXPERIENCE

- At least ten years of related experience with the formation and administration of contracts
- Prior experience on large programs

SKILLS

- A strong foundation of specialized skills and knowledge, and ability to draw upon advanced training to make sound business decisions when analyzing, preparing and executing contracts
- Knowledge of design and construction contracts and contract law

LOCATION / DUTIES

- Full time
- Co-located with client and owner in Dallas/Fort Worth
- No travel required



CORRIDOR WIDE SERVICES – HUMAN RESOURCES MANAGER

REPORTS TO: COMMERCIAL / TECHNICAL DIRECTOR

ROLE / RESPONSIBILITIES

- Coordinate with the project leadership team to determine staffing needs and appropriate resource pool
- Work in close partnership with internal talent management representatives for successful recruitment of new hires or assignment of existing staff
- Ensure compliance to company’s EEO and Affirmative Action programs
- Provide personal on-boarding for all staff assigned to this project, including new hires and existing staff
- Oversee compliance with the project’s safety program including required reporting, training and periodic office inspections
- Perform all services in compliance with the project management plan and design quality management plan

QUALIFICATIONS

EDUCATION / CERTIFICATION

- Bachelor’s degree with major concentration in either human resources or business; advanced degree preferred

EXPERIENCE

- At least ten years of human resources experience, including a minimum of five years of recruiting experience dedicated to the transportation consultant industry
- Prior experience supporting large, multi-location teams

SKILLS

- Knowledge in all components of full lifecycle recruiting including job description development, sourcing, qualifying, networking, assessing, phone screening, job analysis, wage and salary trends, relationship management and due diligence
- Deep knowledge of Texas employment law, standard human resources concepts, practices and procedures
- Proven experience in employee relations, performance management, and providing proactive advice to leadership
- Outstanding written and verbal communication skills

LOCATION / DUTIES

- Full time
- Co-located with client and owner in Dallas/Fort Worth
- No travel required

CORRIDOR WIDE SERVICES - PUBLIC OUTREACH MANAGER

REPORTS TO: COMMERCIAL / TECHNICAL DIRECTOR

ROLE / RESPONSIBILITIES

ALL LEADERSHIP FOR PRESS RELEASES, GOVERNMENT LIASONS AND OTHER PUBLIC OUTREACH EFFORTS ARE PROVIDED BY THE OWNER. THIS POSITION IS A SUPPORT ROLE ONLY.

- Support client and owner in developing press releases and to respond to public inquiries
- Support client and owner in developing effective strategies to solicit feedback and input from the public
- Create, edit, and produce public involvement documents and social media content
- Perform all services in compliance with the project management plan and design quality management plan
- Direct the work of support services such as graphic design, website development, video, and photography
- Prepare talking points, multi-media presentations, newsletters, public exhibits, display boards, meeting summaries and documentation
- As appropriate, facilitate and organize open houses, workshops, public hearings, neighborhood meetings, ground breakings, ribbon cuttings, workshops, and other public events
- Maintain project photo history and other relevant data to prepare and submit industry award submittals (i.e. DBIA, CMAA, AGC, ACEC, ENR, etc.)

QUALIFICATIONS

EDUCATION / CERTIFICATION

- Bachelor's degree in communications, marketing, public relations or related field

EXPERIENCE

- At least ten years of experience on public involvement and/or communication-project work experience in the transportation field
- A minimum of five years on Texas based projects

SKILLS

- Strong verbal, writing, presentation and computer skills, including experience with Microsoft Office, Word, Excel, Outlook, and PowerPoint
- Ability to work well with the public and interact effectively with all organizational levels, including agency staff, senior management, executive leadership, board members, community leaders, and city/county/state representatives
- Fluency in Spanish is beneficial

LOCATION / DUTIES

- Part-time (as needed)
- Texas based office location required
- Limited in-state travel

CORRIDOR WIDE SERVICES – CADD / BIM MANAGER

REPORTS TO: COMMERCIAL / TECHNICAL DIRECTOR

ROLE / RESPONSIBILITIES

- Model management: Setup project directory structure and model files, define shared coordinate system, establish model datasets and phases, create and maintain contract borders, facilitate model exchanges between team members.
- Model Development: Development and production of 3D models, 4D models and generating construction documents; architectural and Civil BIM Models developed using Bentley BIM Software, Bentley AECOSim, Autodesk Revit
- Model Quality Control: Development and maintenance of model compliance plan to ensure conformance with client standards, perform model quality checks identified in compliance plan, and work with model leads to implement necessary corrections
- Content Librarian: Assist architecture and structural groups with Revit family development, maintenance of Revit family libraries and project templates
- Manage staff members responsible for the tasks above
- Perform all services in compliance with the project management plan and design quality management plan

QUALIFICATIONS

EDUCATION / CERTIFICATION

- TBD

EXPERIENCE

- At least seven years' experience using 3D and BIM software.
- Leadership position implementing best practices and procedures to produce project plans (minimum \$400M) based on 3D design models

SKILLS

- Experience managing other staff responsible for completion of the tasks above

LOCATION / DUTIES

- Full time
- Co-located with client and owner in Dallas/Fort Worth
- No travel required