

V. Project Requirements and Provisions for Work.

F. Railroad Coordination:

The Department will conduct the required contract negotiations and plans review coordination. All required Railroad Reimbursement Agreements will be between _____ and the Department. Copies of the approved Agreements will be made available to the Design-Build Firm. The Design-Build Firm must comply with the terms of these agreements. The Design-Build Firm must make the necessary arrangements with _____ prior to encroachments into the railroad rights-of-way.

Note to developer of the RFP: *On projects involving CSX Transportation Inc., where it has been determined by the Department, based on the concept plans, that protective services (i.e. watchman or flagging services) will be required for less than 20 consecutive days (short-term), coordinate with the District Rail Office to ensure that CSX Transportation Inc., has been notified by the Department of the need for short-term protective services a minimum of 45 days before Bid Price Proposals are due to be received. On projects involving CSX Transportation Inc., where it has been determined by the Department, based on the concept plans, that protective services (i.e. watchman or flagging services) will be required for 20 or more consecutive days (long-term), coordinate with the District Rail Office to ensure that CSX Transportation Inc., has been notified by the Department of the need for long-term protective services a minimum of 6 months before Bid Price Proposals are due to be received.*

Note to developer of the RFP: *On projects involving CSX Transportation Inc., use the following paragraph if the Departments concept plans anticipate that no protective services (i.e. watchman or flagging services) will be required:*

Based on the Department's Concept Plans, it is anticipated that no protective services (i.e., watchman or flagging services) furnished by CSX Transportation, Inc., will be required. The Design-Build Firm is responsible for providing the Engineer with a minimum of forty-five (45) days written advance notice if the Design-Build Firm's design and construction concept requires protective services (i.e., watchman or flagging services) furnished by CSX Transportation, Inc. for less than twenty (20) consecutive days (short-term). The Design-Build Firm is responsible for providing the Engineer with a minimum of six (6) months written advance notice if the Design-Build Firm's design and construction concept requires protective services (i.e., watchman or flagging services) furnished by CSX Transportation, Inc. for twenty (20) or more consecutive days (long-term). The Design-Build Firm shall submit schedule and schedule changes to the Engineer so the Department can coordinate the scheduling of protective services.

Note to developer of the RFP: *On projects involving CSX Transportation Inc., use the following paragraph if the Departments concept plans anticipate that protective services (i.e. watchman or flagging services) will be required for less than 20 consecutive days (short-term):*

Commented [AA1]: This RFP language works in conjunction with SP0071104DB and is used only on projects involving CSXT:

<http://www.dot.state.fl.us/specificationsoffice/Implemented/DesignBuild/HistoryDB/July15/Files/SP0071104DB.DOC>

The Department maintains responsibility to provide notice to CSXT and coordinating the flagging services with CSXT.

Commented [AA2]: This RFP Developer Note requires that the Department provide notice to CSX either 45 days in advance of the Letting date when short-term flagging is required by the Concept Plans or 6 months prior to the Letting date when long-term flagging is required by the Concept Plans.

Commented [AA3]: This section addresses changes in flagging services to either short-term or long-term based on the DB Firms Plans when the Concept Plans contemplated no flagging services being required.

Based on the Department's Concept Plans, it is anticipated that protective services (i.e., watchman or flagging services) furnished by CSX Transportation, Inc., will be required for less than twenty (20) consecutive calendar days (short-term) and the Department has notified CSX Transportation, Inc. The Design-Build Firm shall submit schedule and schedule changes to the Engineer so the Department can coordinate the scheduling of protective services. The Design-Build Firm is responsible for providing the Engineer with a minimum of six (6) months written advance notice if the Design-Build Firm's design and construction concept requires protective services (i.e., watchman or flagging services) furnished by CSX Transportation, Inc. for twenty (20) or more consecutive days (long-term).

Note to developer of the RFP: On projects involving CSX Transportation Inc., use the following paragraph if the Departments concept plans anticipate that protective services (i.e. watchman or flagging services) will be required for 20 or more consecutive days (long-term):

Based on the Department's Concept Plans, it is anticipated that protective services (i.e., watchman or flagging services) furnished by CSX Transportation, Inc., will be required for twenty (20) or more consecutive calendar days (long-term) and the Department has notified CSX Transportation, Inc. The Design-Build Firm shall submit schedule and schedule changes to the Engineer so the Department can coordinate the scheduling of protective services.

Commented [AA4]: This section addresses changes in flagging services to long-term based on the DB Firms Plans when the Concept Plans contemplated short-term flagging services being required.

Commented [AA5]: This section addresses submittal of schedule and schedule updates when the Departments concept plans contemplate long-term flagging services.

L. Key Personnel/Staffing:

The Design-Build Firm's work shall be performed and directed by key personnel identified in the Letter of Interest and/or Technical Proposal by the Design-Build Firm. In the event a change in key personnel is requested, the Design-Build Firm shall submit the qualifications of the proposed key personnel and include the reason for the proposed change. Any changes in the indicated personnel shall be subject to review and approval by the District Construction Engineer. The Department shall have sole discretion in determining whether or not the proposed substitutions in key personnel are comparable to the key personnel identified in the Letter of Interest and/or Technical Proposal. The Design-Build Firm shall have available professional staff meeting the minimum training and experience set forth in Florida Statute Chapter 455.

Commented [AA6]: New sentence which requires qualifications of proposed key personnel who are replacing original key personnel and a reason for the requested change.

Commented [AA7]: New sentence addressing departments sole discretion in approving changes in key personnel/staffing.

M. Partner/Teaming Arrangement:

Partner/Teaming Arrangements of the Design-Build Firm (i.e., Prime Contractor or Lead Design Firm) cannot be changed after submittal of the Letter of Interest without written consent of the Department. In the event a change in the Partner/Teaming Arrangement is requested, the Design-Build Firm shall submit the reason for the proposed change. Any changes in the Partner/Teaming Arrangement shall be subject to review and approval by the Department's Chief Engineer. The Department shall have sole discretion in determining whether or not the proposed substitutions in Partner/Teaming Arrangements are comparable to the Partner/Teaming Arrangements identified in the Letter of Interest and/or Technical Proposal.

Commented [AA8]: New language addressing changes in Partnering/Teaming Arrangements after submittal of the LOI. Requires the DB firm to submit a request, along with the reason for the change, and obtain Department approval (Chief Engineer). This language is and has been in the DB Procedure but is now in the RFP.

P. Quality Management Plan (QMP):

2. Construction:

The Design-Build Firm shall be responsible for developing and maintaining a Construction Quality Control Plan in accordance with Section 105 of Standard Specifications which describes their Quality Control procedures to verify, check, and maintain control of key construction processes and materials.

The sampling, testing and reporting of all materials used shall be in compliance with the Sampling, Testing and Reporting Guide (STRG) provided by the Department. The Design-Build Firm will use the Department's database(s) to allow audits of materials used to assure compliance with the STRG. The Department has listed the most commonly used materials and details in the Department's database. When materials being used are not in the Department's database list, the Design-Build Firm shall use appropriate material details from the STRG to report sampling and testing. Refer to the State Materials Office website for instructions on gaining access to the Department's databases: <http://www.dot.state.fl.us/statematerialsoffice/quality/programs/qualitycontrol/contractor.shtm>

Prepare and submit to the Engineer a Job Guide Schedule (JGS) using the Department database in accordance with Section 105 of Standard Specifications.

R. Engineers Field Office:

The Design-Build Firm will provide an Engineers Field Office in accordance with Special Provision 109.

Note to developer of the RFP: Approval from the Director, Office of Construction shall be obtained prior to requiring the DB Firm to provide the Engineers Office as part of their Contract. The District Construction Engineer (DCE) shall be contacted and shall make the determination as to whether or not Engineers Field Office is to be used on this Project. The Engineers Field Office shall only be used on projects which will not be administered by a Full Service Consultant CEI Contract but will be administered by In-house FDOT personnel using the Hybrid Inspection Services Contract and the project is located in an area which is not within a reasonable distance to an FDOT Resident Office/Operations Center. On those Projects where the DCE makes this determination and obtains approval from the Director, Office of Construction, coordinate with the District Specifications Office to develop a Modified Special Provision 109 (SP1090000) and associated Pay Item (to be included on the Bid Proposal Form) and provide the number of calendar days and the field office size in accordance with the Modified Special Provision.

VI. Design and Construction Criteria.

C. Geotechnical Services:

Specialty Geotechnical Services Requirements

Specialty geotechnical work is any alternative geotechnical work not covered by Department Specifications and requires the development of a Technical Special Provision (TSP). Any TSP for geotechnical work shall include the following:

Commented [AA9]: Deleted References to LIMS. Now using a generic reference to "department database"

Commented [AA10]: Contractor provided Engineers Field Office no longer used on jobs Let on or after 07/01/2015 unless prior approval is obtained from SCO. BOE and Specs Workbook have been updated to reflect this policy decision.

When approved the District will be required to develop and submit for approval a Modified Special Provision which will be provided to the DB Firms as an Attachment to the RFP.

Commented [AA11]: New language addressing Specialty Geotechnical Services Requirements.

- Criteria of measurable parameters to be met in order to accept the specialty geotechnical work,
- A field testing and instrumentation program to verify design assumptions and performance,
- A quality control program to be performed by the Design-Build Firm that includes sampling and testing to ensure the material quality, products, and installation procedures meet , requirements,
- A verification testing program to be performed by the Geotechnical Foundation Design Engineer of Record (GFDEOR) that includes inspection, sampling, and testing to verify the material, products, and procedures meet requirements. The TSP shall include language providing separate lab samples to be used for the Department's independent verification. □ A certification process

After construction of the specialty geotechnical work, the Design-Build Firm shall submit a certification package for Department's review. The certification package shall include the results of all the field testing, instrumentation and lab testing performed and a signed and sealed letter by the GFDEOR certifying that the specialty geotechnical work meets the requirements. The Department may issue comments and request additional verification testing.