

**ISSUE DATE: November 16, 2020**

Questions and Responses #1 for:

**RFP-484-10022020DB: The Statewide ITS DMS Deployment Design-Build Project  
Chatham, Cherokee, and Cobb Counties, Georgia**

Note: Review carefully!

**The purpose of this posting is to provide responses to the written questions received during the question and response period of the RFP Phase.**

**Questions and Responses:**

	<b>Question</b>	<b>Response</b>
1.	Free from defects language is typically applicable to materials and equipment, not the design services or the design documents. To comply with industry standard and to assure the more accurate and favorable pricing for GDOT, will GDOT consider removing reference to Design Work and Design Documents and revising the language to ensure instead that materials and equipment shall be free from Defects?	No change will be made. The comment appears to be a misreading of the paragraph. "Free from Defects" applies to the Construction Work.
2.	Insurance policies contain proprietary information. Will GDOT consider revising the Agreement to instead require copies of policies with proprietary information redacted?	Per Project Agreement Article 16.1.1, GDOT requires insurance certificates. Copies of actual policies are not required.
3.	The DB Team and its subs are required to carry workers compensation and employer's liability coverage with at least the minimum limits prescribed by the Agreement, but the DB Team is also required to provide a letter certifying subs' coverage. Will GDOT consider deleting this unusual, redundant requirement?	No change will be made to the RFP.
4.	Most companies consider their insurance policies to be proprietary, as they contain competitive information. The Agreement requires that the DB Team provide GDOT with a copy of insurance policies upon GDOT's request. Considering the need to protect proprietary information, will GDOT consider revising the Agreement to instead require copies of policies with proprietary information redacted?	See response to Question #2.
5.	The Agreement requires that the DB Team (Contractor and its subcontractors) to carry workers compensation and employer's liability coverage, at least the minimum limits prescribed by the Agreement. It then goes a step further by requesting that the DB Team provide a letter certifying that all subcontractors will be covered under their own workers compensation and employer's liability policies. Because the contract already requires subcontractors to have such coverage and holds the DB Team liable for a subcontractor's failure to do so, the requirement to provide an additional certification seems unnecessary and redundant. Will GDOT consider deleting this unusual requirement?	No change will be made to the RFP.

	<b>Question</b>	<b>Response</b>
6.	Will gantries be required for maintenance access to DMS?	Yes, for Type I DMS only.
7.	To what degree and to who will training be required?	Please see the RFP for all training requirements, which include but aren't limited to: Form U - Sexual Harassment Prevention Training Section 2.1.4 - PMCS Training Section 2.3.2.1 - Quality Training Section 2.4.1 - Safety Training Section 4.2.2.10 - Hazmat Manager Training
8.	Are there pre-established GDOT test plans for ITS equipment or does the DB team develop a job specific testing plans?	Yes, the DB Team will need to develop job specific testing plans in compliance with the GDOT Standard Specifications and the requirements of the RFP.
9.	Will the D/B firm be allowed to work on multiple sites simultaneously?	Yes.
10.	Will RSUs be included? Will a separate site survey be required?	No.
11.	Will a battery backup be required for DMS hubs and CCTV cameras?	A battery backup will be required for the DMS hubs, but not for the CCTV cameras.
12.	Is there potential for additional sites, DMS or other ITS equipment to be added?	No.
13.	Will additional ITS inventory/spare parts be required in this contract?	No.
14.	Is there a maintenance warranty requirement?	Yes, as specified in the applicable GDOT Standard Specification.
15.	Who will be considered first responder during the maintenance period?	No reference to first responders exists in the Maintenance Requirements.
16.	What is the minimum linear distance (in feet) required for ITS Field cabinets to be located prior to the DMS sign?	Please see the GDOT ITS Design Manual.
17.	Are there any other projects that we will need to coordinate with?	The Department is not aware of any other projects in the vicinity of the DMS locations at this time. Please refer to the requirements of Section 1.3.4.
18.	Will GDOT require us to set points and produce a control package?	Refer to the requirements in Volume 2, Sections 9 & 17.
19.	SUE Data is from 2007 (possibly updated in 2013) Is there a more recent SUE package?	No.
20.	Will there be an existing conditions survey for the specific locations?	No.
21.	Who will handle existing utilities? No 5.08 is listed in the PNA?	DB Team will be required to handle coordination with existing utility companies per the requirements listed in Volume 2, Section 6.

	Question	Response
22.	Rock or water can be unforeseen and adversely affect the D/B's team to make a fair profit. Will rock or water if discovered be considered as unforeseen conditions?	It is anticipated that the Contractor will be able to place sign foundations to sufficiently avoid utilities and unforeseen conditions mentioned. In rare conditions where these circumstances <b>CAN NOT</b> be avoided, the Department will consider on a case by case basis.
23.	Cellular service may be needed at one or more locations. Who will be responsible for any recurring cell service and for how long?	Cost incurred by utilities will be part of DB team responsibility until turnover/ final acceptance is completed.
24.	Does GDOT require travel time messages to be able to rotate with traffic alerts or warnings?	No.
25.	Does GDOT require the designer to configure a custom message library configured in conjunction with existing or proposed detection at each DMS location to warn motorists of upcoming congestion or off ramp queuing?	No.
26.	As stated above, will a library need to be configured for Silver Alert, Child Abduction Alert, Law Enforcement Alert, Wrong Way Driving Alert, Evacuation or other custom messages?	No.
27.	Are we allowed or permitted to use existing GDOT or municipal assets in lieu of new structures to mount new CCTV cameras and ITS Cabinet placement?	Yes, if approved by GDOT.
28.	Will we be allowed or permitted to use nearby traffic infrastructure?	Yes, if approved by GDOT and the applicable Governmental Entity.
29.	Will we be allowed or permitted to use existing spare conduit in lieu of new conduit for electrical and communications runs?	Yes, if approved by GDOT and the applicable Governmental Entity.
30.	Will the designer also be the systems manager and responsible for all proposed equipment testing, configuration and integration with GDOT's existing ITS Network?	No.
31.	Will GDOT provide an IP address schema to integrate all proposed addressable devices to the network?	Yes, GDOT will provide a block of IP addresses and program the cellular router provided by the contractor.
32.	Dependent on available AC power, Is GDOT open to partial or a fully equipped Solar Powered system or a combination of AC and solar?	No.
33.	Will the designer be responsible to develop a DMS Standard Operating Procedure (SOP) or follow GDOT established guidelines?	The DB Team will need to follow GDOT's established guidelines.
34.	Is a Technical Special Provision (TSP) required? <ul style="list-style-type: none"> <li>• Is a project specific Testing Procedural Plan (TPP) to be included or do we follow the existing GDOT Specs?</li> </ul>	No, the DB Team will need to follow GDOT Specifications.
35.	What are the minimum testing requirements? <ul style="list-style-type: none"> <li>• Independent Environmental Test Y or N</li> <li>• System Design Test Y or N</li> <li>• Standalone Test Y or N</li> </ul>	Follow GDOT Standard Specifications 631 and 942, as well as the ITS design manual

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	<ul style="list-style-type: none"> <li>System Acceptance Test Y or N</li> <li>90- Day Burn-In Y or N</li> </ul>	
36.	How many years warranty at a minimum is GDOT requiring for the DMS signs?	See GDOT Standard Specifications 631 and 942
37.	What type of documentation is required and how often?	See GDOT Standard Specifications 631 and 942, as well as the requirements listed in Volume 2, Section 2.
38.	<p>Aside for the following As-Built documentation a through c, will a GIS based field inventory be required for all proposed and installed GDOT assets?</p> <ol style="list-style-type: none"> <li>Operators Manuals</li> <li>Software Manuals</li> <li>Final Documentation</li> </ol>	See GDOT Standard Specifications 631 and 942
39.	Will post-design services be needed and an additional supplemental or contract possibly be needed? e.g.; unforeseen water or rock?	See Question #22.
40.	<p>Article 7.10 - Request clarification regarding meetings. See 3.3 Design Requirements (Design Workshop, Design Coordination meetings, - Frequency- Find out who, at a minimum, needs to be in attendance and the frequency of meetings required at a minimum.</p>	Requirements for meetings are identified throughout the Technical Provisions. See requirements listed in Volume 2, Sections 2.1, 3.3.2, 6.2.2.1, 16.2.2 and elsewhere in the Technical Provisions.
41.	Verify the DB Team can choose a drilled shaft location if in a current municipal or state maintained beautification project or planted area, that minimal disruption shall occur and bedding plants will be replaced in kind and mulched, irrigation systems maintained and verified 100% operational at conditional and final acceptance (Section 15.1).	DB Team will be allowed to place anywhere within existing Right of Way. Section 15.1 requires the DB Team to repair any damage to the existing landscaping elements, which includes any existing irrigation system.
42.	In regard to traffic control, can GDOT state standards be referenced/used if they comply with design safety and roadway conditions?	Yes, as long as the DB Team also complies with the requirements listed in Section 18, Attachment 3-1, and Attachment 18-1.
43.	<p>Can additional support staff be shown on the organization chart besides the required key staffing below?</p> <ul style="list-style-type: none"> <li>Lead Contractor</li> <li>Lead Design Consultant Project Manager (GA P.E. required)</li> <li>Engineer of Record (GA P.E. required)</li> <li>Contractor Superintendent</li> <li>Construction Quality Assurance Manager</li> <li>Section 17.2.1.1.2 Required Personnel - ITS Construction Manager</li> <li>Section 17.2.1.1.1 Required Personnel - ITS Design Manager</li> </ul>	The organizational chart only requires Key personnel be listed. Additional personnel may be shown by the DB Team.
44.	Baseline Schedule vs. Critical Path Method (CPM) Schedule? – What method does GDOT prefer?	A critical path method schedule is not required for this project. Please see Section 2.5 for project scheduling requirements.
45.	Section 3.3.8.4.3 Qualified Products List. Will a submittal data binders be required to verify all QPL items, infrastructure parts and incidentals are GDOT qualified and checked in the field for compliance, Eg. Make model of	If an item is on the QPL, material certifications and associated product data that is provided by the manufacturer will need to be submitted as well.

	Question	Response
	Layer 2 switch, port server, HDPE SDR 11 vs. SDR 13. Hot dipped galvanized steel pipe vs. black pipe, etc.?	
46.	Can the Project Manager sign compliance of Submittal Data or is the Project Engineer required to sign?	Per Volume 2, Section 3.3.7.8, the DB Teams EOR is required to sign the QA Certification Statement.
47.	Multi-mode fiber optic cable will be needed from the DMS controller to the sign controller module. If GDOT prefers single mode fiber, a media converter shall be required. Please verify which type of fiber optic cable shall be used?	DB Team will need to use manufacturer recommendations.
48.	Aside for section 17.2.3, Transportation Management Center (TMC) Improvements DB items listed, will the DB team need access to verify backend testing is successful?	No.
49.	What minimum single mode fiber count is required for the backbone 48, 60, 72, 96, 144, 288 at each site and what minimum single mode drop fiber count is required for the drop (feeder) cables? 6, 12, 24 or 48?	The existing trunk fiber adjacent to the project will be used as the "backbone" fiber to connect to the GDOT network. Per the GDOT ITS Design Manual, use 12 fibers for the single mode drop fiber count.
50.	<p>Since there is no published arterial DMS installation guidance in the ITS Design Manual, was the following guidance from the MUTCD taken into consideration when determining the Cobb Parkway SB DMS location?</p> <ul style="list-style-type: none"> <li>a. Section 2L.06 Installation of Permanent Changeable Message Signs <ul style="list-style-type: none"> <li>i. Section 2L.06.C Changeable message signs should not be located within an interchange except for toll plazas of managed lanes.</li> <li>ii. Changeable message signs should not be positioned at locations where the information load on drivers is already high because of guide signs and other types of information.</li> </ul> </li> </ul> <p>Also, FDOT states in their ITS design manual to "Place [DMS] on arterials prior to major intersections and interchanges: Approximately ¼ to ½ mile in advance of major intersections or interchanges, and at least 600 feet from adjacent signalized intersections". Our team is concerned a sign at this location could cause safety issues due to its proximity to the traffic signal.</p>	While the listed items were considered in the review of the Proposed DMS locations, due to the existing site conditions and the requirements for the DMS, no changes will be made to the RFP.
51.	Would the Department consider making SUE, QL-B, a requirement for the Cobb Parkway locations?	No change will be made to the RFP.
52.	Per Section 8 – Geotechnical of the Technical Provisions – Volume 2, Will the Department require soil borings for each location?	Section 8.3.8 requires a foundation investigation for all structural foundations and Section 16.3.2 requires the foundation types and design to be based on geotechnical survey/tests. To meet these requirements, a soil boring from each location is required
53.	Will GDOT please post the editable electronic version of the Forms?	Yes, the forms will be posted to the GDOT Public Sharepoint site as soon as they are available.
54.	Will GDOT please define non-participating member?	There are no "non-participating members." There are Major Non-Participating Members; see Volume 1, Exhibit 1 Acronyms and Definitions.

	<b>Question</b>	<b>Response</b>
55.	Can the Lead Design Consultant PM and Engineer of Record be the same person?	Yes.
56.	Is survey required as stated in Section 9 – Survey and Mapping?	Yes.
57.	Will GDOT please define the project limits as referred to in Section 11.3.3.3 Barriers?	Project is defined in Volume 1, Exhibit 1. The scope of this project is installation of new DMS and supporting structures. All guardrail used for protection of the new equipment would be required to be replaced in conformance with Section 11.3.3.3.
58.	Will the Department please clarify the need for Drainage System Design for this project?	Provide a Drainage System consistent with the requirements in Section 12 of the RFP. Among other requirements, upgrade within the Construction Maintenance Limits all substandard drainage facilities where the design and construction of the Project propose to utilize or impact those facilities.
59.	Will the Department please clarify the need for Section 16 – Signing, Pavement Marking, Signalization?	Volume 2, Section 16 defines the requirements for signing, pavement marking, and signalization within the Project including requirements if existing items are adversely impacted by the DB Team, such as existing traffic signals or to ensure adequate spacing and sight distance between existing and new items.
60.	Per Section 17 – Intelligent Transportation System, can the ITS Design Manager and the Consultant Project Manager be the same person?	Yes.
61.	Will GDOT please clarify if the items included in Section 17.2.2 General Purpose Lanes ITS are part of the scope of this project.	See Volume 2, Section 1.3.2.
62.	Will GDOT please clarify that surveying and locating all existing GDOT ITS Infrastructure as stated in section 17.3 is part of the scope of this project?	Yes.
63.	Will GDOT consider allowing CCTVs used for viewing the sign to be mounted lower than the 50' minimum per Section 17 in order to achieve optimal viewing of the DMS?	See GDOT Standard Specifications 936 and 942, as well as the requirements listed in Section 17.3.1.