SPECIAL PROVISION

000---962

Important Notice to Contractors

The Contractor’s attention is directed to the fact that there are experience requirements associated with the Intelligent Transportation System (ITS) items contained on this project. The Contractor or his subcontractor must provide information to the Engineer that they meet these requirements with the initial submittals for the associated bid items and before installing or testing ITS items. Following are the ITS items and requirements that must be met if the item is on this project.

Category A.1.0. Pulling Fiber Optic Cable.

The bidder or the designated subcontractor must meet the following experience requirements:

a. Two years continuous existence offering services in the installation of fiber optic cable through a conduit system and terminating in ground boxes, field cabinets or buildings.

b. Two completed projects where the personnel pulled a minimum of 5 mi. in length of fiber optic cable through an outdoor conduit system for each project. The completed fiber optic cable systems must have been in continuous satisfactory operation for a minimum of 1 yr.

Category A.2.0. Splicing and Testing of Fiber Optic Cable

The bidder or the designated subcontractor must meet the following experience requirements:

a. Two years continuous existence offering services in the fields of fiber optic cable splicing and testing of fiber optic cable installed through a conduit system and terminating in ground boxes, field cabinets or buildings.

Experience must include all of the following:

(1) Termination of a minimum of 36 fibers within a Fiber Distribution Frame.
(2) OTDR testing and measurement of end to end attenuation of single mode and multimode fibers.
(3) System troubleshooting and maintenance.
(4) Training of personnel in system maintenance.
(5) Use of water-tight splice enclosures.
(6) Fusion splicing of fiber optic cable which meet the tolerable dB losses listed below:
<table>
<thead>
<tr>
<th>Mode</th>
<th>dB Loss Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single mode</td>
<td>0.05 to 0.10</td>
</tr>
<tr>
<td>Multimode</td>
<td>0.20 to 0.30</td>
</tr>
</tbody>
</table>

b. Two completed projects where the personnel performed fiber optic cable splicing and terminations, system testing, system troubleshooting and maintenance during the course of the project and provided training on system maintenance. Each project must have consisted of a minimum 5 mi. of fiber optic cable. The completed fiber optic cable systems must have been in continuous satisfactory operation for a minimum of 1 yr.

**Category C.1.0.** Closed Circuit Television (CCTV) Equipment Installation.

The bidder or the designated subcontractor must meet the following experience requirements:

a. Two years continuous existence offering services in the installation of CCTV camera systems.

b. Two completed projects consisting of a minimum of 5 cameras in each project where the personnel installed and tested CCTV cameras on outdoor, permanently mounted structure(s) and related camera control and transmission equipment. The completed CCTV camera system installations must have been in continuous satisfactory operation for a minimum of 1 yr.

c. One project (may be one of the two in the preceding paragraph) in which the personnel worked in cooperation with technical representatives of equipment suppliers to perform specific stages of work. The Contractor will not be required to furnish equipment on this project from the supplier who furnished pre-qualification documentation.

**Category E.1.0.** Radar Vehicle Sensing Device (RVSD) Installation.

The bidder or the designated subcontractor must meet the following experience requirements:

a. Two years continuous existence offering services in the installation of RVSD systems.

b. Two completed projects consisting of a minimum of 2 RVSD in each project where the personnel installed and tested RVSD system on outdoor, permanently mounted structure(s) and related camera control and transmission equipment. The completed RVSD system installations must have been in continuous satisfactory operation for a minimum of 1 yr.

c. One project (may be one of the two in the preceding paragraph) in which the personnel worked in cooperation with technical representatives of equipment suppliers to perform specific stages of work. The Contractor will not be required to furnish equipment on this project from the supplier who furnished pre-qualification documentation.

Should the Contractor have subcontractors which meet the above requirements, and should these subcontractors be unable to complete the ITS items contained within the project, the Contractor must resubmit qualification material on alternate subcontractors for approval before the applicable category of work can be continued.