

Special Specification 6032

ITS System Integration



1. DESCRIPTION

This Item shall govern for the integration of all furnished equipment and software as shown on the plans, as detailed in this Special Specification, and as directed. Furnish, install, test, and integrate all hardware and software into the existing traffic management center.

2. SYSTEM EQUIPMENT AND INSTALLATION

Install, interconnect, test, integrate, and make fully operational all equipment and the system in accordance with the National Electrical Code (NEC).

Select, install, and integrate the equipment and software as required to achieve a complete and fully operational system as shown on the plans, as detailed in this Special Specification, and as directed.

3. SYSTEM INTEGRATION

Provide an end-to-end communication system for integration into the traffic management center. Equipment includes, but is not limited to:

- CCTV equipment (when shown on plans)
- DMS equipment (when shown on plans)
- RVSD equipment (when shown on plans)
- LCS equipment (when shown on plans)
- VIVDS equipment (when shown on plans)

Provide, install, and make operational a complete and functional system. Install and integrate all field, central, and communications components. Items not specifically mentioned or addressed in this specification necessary for a complete and operational system as described herein shall be provided by the Contractor and shall not be paid for directly but shall be considered incidental to this Item.

Perform work inside existing enclosures, when required, including re-routing, re-assignment re-wiring, reconfiguration, re-switching, and re-cabling, based on the proposed configuration as shown in the plans and as detailed in the specifications. Perform all work in accordance with the plans. Perform all necessary work to achieve a fully functional and operational system, including all re-routing, terminations, connections, splicing, and re-assignments.

4. TESTING, TRAINING, DOCUMENTATION, FINAL ACCEPTANCE AND WARRANTY

All testing, training, documentation, final acceptance and warranty requirements will be in accordance with Special Specification, "Testing, Training, Documentation, Final Acceptance, and Warranty."

5. MEASUREMENT

This item will be measured by the lump sum.

6. PAYMENT

The work performed and materials furnished in accordance with this Item and measured as provided under "Measurement" will be paid for at the unit price bid for "System Integration." This price shall be full compensation for preparing, furnishing, and installing all materials, equipment, and incidentals.