

The contract lump sum price paid for traffic operations system shall include full compensation for furnishing all labor, materials (except items covered by other bid items), tools, equipment, and incidentals, and for doing all the work involved in installing traffic operations system, complete in place, including all the foundations (except for the changeable message sign), poles, manuals and testing, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

The contract unit price paid for the additional equipment as specified in these special provisions shall be paid for under separate bid items.

The contract unit price paid for each of the following items shall include full compensation for furnishing all materials, tools, equipment, and incidentals, as shown on the plans, as specified in these special provisions, and as directed by the Engineer:

1. Integrated Camera unit
2. Camera control unit (CCU)
3. Video encoder unit (VEU)
4. Dial-up modem
5. Extinguishable message sign radio controller assembly
6. Extinguishable message sign panel (LED)
7. Extinguishable message sign panel
8. Highway advisory radio system
9. General packet radio system (GPRS) wireless modem assembly
10. Master traffic controller unit (MTCU)
11. Analog video routing switcher (AVS -including training)
12. Access node
13. Channel service unit/ data service unit (CSU/DSU)
14. Short haul modem (SHM)
15. Fiber optic transmitters and receivers (FOTS/FORS)
16. Multimode fiber optic transmitters and receivers (MMFORS/MMFOTS)
17. Fiber optic data modem (FODM)
18. Uninterruptable power system (UPS)
19. Maintenance bypass switch (MBS)
20. Long Lead-in cable Loop Detector (LLLD) sensor unit
21. Video image processing system (VIPS)
22. Video monitor
23. Analog data station termination (ADST)

The contract price paid in feet for each of the following items shall include full compensation for furnishing the materials as shown on the plans, as specified in these special provisions, and as directed by the Engineer:

1. Fiber optic cable.