

Data Logger - Supply, Installation & Commissioning of Data Logger for monitoring status of important relays, complete with processor module to monitor digital/analog inputs and networking of data logger as per guide line issued vide RDSO Ltr. No. STS/E/Data Logger Vol.XX dtd. 12-09-11 at 17 stations (List enclosed). The Data Logger shall cater for 1024 digital inputs and 32 analog inputs, and following activities are to be executed by firm :-

1. Supply of required quantity of 1X0.6mm jumper wire as per Spec. no.IRS-76/89(Amd-3) or latest and 200 way tag block as per Spec. No. IRS-S-77/2006(Rev-I)duly inspected by RDSO.
2. Supply of required quantity of 60 core & 40 core indoor as per RDSO Spec. IRS-76/89 (Amd-3) or latest duly inspected by RDSO. Wiring of new contact's from tag block to new data logger & replacement of existing indoor cable by new indoor cable. This also includes packeting of indoor cable lacing, threading etc.
3. Wiring of power supply for data logger with firms own materials.
4. Extension of existing earth of the data logger with exothermic weld connection of single earth electrode to a copper tape of 150mm x 25mm x 6mm.
5. Quantity of 1x0.6mm, 200 way tag block, 60,40 core indoor cables will be jointly decided by Rly. Engineers & Firm.
6. Networking with FEP existing in control office JBP, testing and commissioning of data logger complete along with accessories with contractor own materials. This includes programming of data logger for fault diagnostic (as per guide line issued vide RDSO Ltr. No. STS/E/DataLogger/Vol.XX. dtd. 12-03-11 & extant practice of WCR) in suitable structured language. This also includes supply and commissioning of failure analysis system. The minimum specification for failure analysis system is as under :-
 - A) PC
 - a) CPU-Intel Core i7-860.208GHz, 8MB Cache or latest.
 - b) 4 GB –Memory or as required for latest OS and application software.
 - c) 500 GB Hard Drive.
 - d) Dual Gigabit Ethernet ports.
 - e) 2 Serial Port.
 - f) Keyboard (USB).
 - g) Mouse : (USB Optical)
 - h) Windows 7 professional OS.
 - i) Kaspersky Antivirus.
 - j) 22" TFT Monitor-1No.
 - k) DVD R/W Drive:8X or better DVD R/W Drive.
 - l) Make : HP/IBM/DELL
 - B) UPS with 1 KVA with minimum half hour battery back up and software support numeric make or similar.

Above specification of FAS can be revised to higher/latest version with approval of engineer in charge at the time of supply.