

CONTROL ROOM

ENGINEERING OLM OPERATION STATION

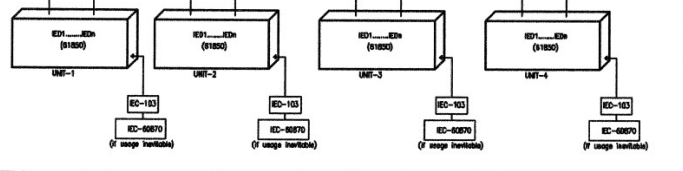
AI Color Printer (1 No.)

PORTABLE ENGINEERING STATION - 1 (LAPTOP)

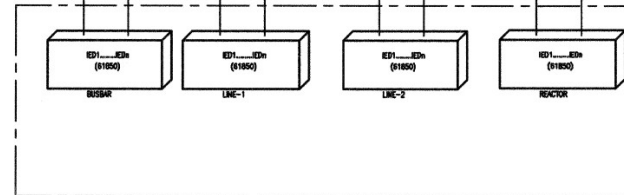
PROTECTION NETWORK (CIS NETWORK)

IEC-104/OPC TO PLANT CONTROL NETWORK

IEC-104/OPC TO PLANT CONTROL NETWORK



Machine Hall



SWITCHYARD

PLANT CONTROL NETWORK (as per Drawing No. SJVN/ED/ARUN-III/EM-2017-05)

IEC-104**/OPC

IEC-104**/OPC

NOTES :-

1. DRAWING IS INDICATIVE ONLY. FOR COMPLETE SCOPE REFER TECHNICAL SPECIFICATION.

** Exchange of Alarm, Event, Data etc. Protection Signal for Units, Line, Busbar, Reactor, can be used as DI/AI in DCS. Finalisation shall be done during detailed engineering.

LEGENDS

- IED - INTELLIGENT ELECTRONIC DEVICE
- CIS - CENTRALISED INFORMATION STATION
- OPC - OBJECT LINKING AND EMBEDDING FOR FOR PROCESS CONTROL
- SNTP - SIMPLE NETWORK TIME PROTOCOL
- CMS - CONTROL AND MONITORING SYSTEM

FOR TENDER PURPOSE ONLY

SCALE :- NOT TO SCALE

0227

SJVN ARUN-3 POWER DEVELOPMENT COMPANY Pvt. LTD.

(SAPDC LTD.)

SJVN LTD.

(A JOINT VENTURE OF GOVT. OF INDIA & GOVT. OF MP)

PROJECT: ARUN-3 HYDRO ELECTRIC PROJECT (NEPAL)
(4X225MW)

CENTRALISED INFORMATION STATION

SIGN NEHARISHABH	CHKD S.PATIAL	RECK AJAY SINGH
DRAWN	SJVN B.S.NEGI	APPD S.P.PATHAK

ELECTRICAL DESIGN DEPTT. SHIMLA

DRG. NO. SJVN/ED/ARUN-111/EM-2017-05A SHEET: 1/1 OCT, 2017