### Electrical and I&C equipment

Turbine set and steam & water system shall be provided with all I&C equipment, including, inter alia, measuring tubes and nozzles, tubular sensor inserts for metering systems, separate instrument nozzles for making guarantee measurements, control nozzles for measuring of pressures and temperatures for plotting characteristic of control valves in steam and water circuits and making heat balance of the turbine, metering systems, cut-off and control devices and all electrical circuits.

**Battery Limits of the Power Unit:**

The Contractor’s scope of supplies comprises integration of the following systems of the Power Unit into the existing facilities of XXX Combined Heat and Power Plant:

* Process steam collector

Connection point of steam pipeline with existing process steam collector (diam. 273x7.1) in the main building - as per local coordinates of XXX Combined Heat and Power Plant is specified below.

* + 5B+62.0
  + 3A+13.5
  + Pipeline axis datum – 99.30 m above the sea level

Location of steam pipeline connection with existing pipelines is shown on Fig.10. This location may be changed upon agreement with the Employer.

* Evacuation of raw (unclean) condensate

Point of connection of pipeline of raw condensate evacuated from the Power Unit to make-up network (heating) water system in XXX Combined Heat and Power Plant.