

## **Westinghouse W251B28 equipment list**

### **The Equipment**

- (a) W251B28 Gas Turbine Engine and accessories.
  - i. Westinghouse Gear box
- (b) Electric Power Pack and accessories
  - i. Generator (ACEC) type TAW840/60
  - ii. Exciter – Westinghouse 2S-84P624
- (c) Diesel Starting Package
- (d) Auxiliary Equipment
  - i. Air Compressor (Gardner Denver model # 202ADL645) serial #N5999
- (e) Lube Oil System
  - i. Main DC Oil Pump Serial #
  - ii. Oil Circulating Pump (Buffalo Forge) model # 51-2-1551010
  - iii. Oil Filter Hilliard Co. Serial # HF43111
  - iv. Main and Auxiliary oil reservoirs
- (f) Air Cooling System
- (g) Turning Gear
- (h) WDPF Control System (including panels, hardware, and software).
  - i. One operator's station transfers to BUYER.
- (i) Intake and Filter System
- (j) Air & Oil Piping
- (k) Electrical Package
  - i. Exide Utility Charger Serial #, Model US-130-3-125
  - ii. LWU – 73002-1 control panel, c/w AC & DC Main Breakers and auxiliary equipment breakers.
- (l) Fuel System
  - i. Fisher Isolation valves Serial # 5025486 & 6368905
  - ii. Fisher control Valve serial# 6371109
  - iii. Package mounted Gas Filter (does not include exterior mounted gas filter –E&D Pipe & Process Equip. serial # 10168)

- (m) Turbine/Generator Enclosures
- (n) Fire Protection system. (Halon bottles and Halon chemical to stay at the plant).
  - i. Underwriters Lab. Inc. Panels
  - ii. Control enclosure # 109093
  - iii. Gas Turbine Enclosure # 109085
  - iv. Mechanical Enclosure # 109086
  - v. Battery Cabinet Enclosure # 129627
  - vi. Dry Chem. Bearing Housing Enclosure # 109083

8.1 The Equipment shall not include the following:

- (a) Foundation
- (b) Exhaust
- (c) HRSG
- (d) Halon Bottles
- (e) Halon chemical and piping system
- (f) Engineering station
- (g) Generator transformer (500 KVA, 13.8 KV/480 V)
- (h) Service transformers: Westinghouse 500kva serial # LD53867  
13,800/480v, Westinghouse 500kva serial # LD60623 2300/480v