














LOT # 2 (C) PASNI

LEGEND :-

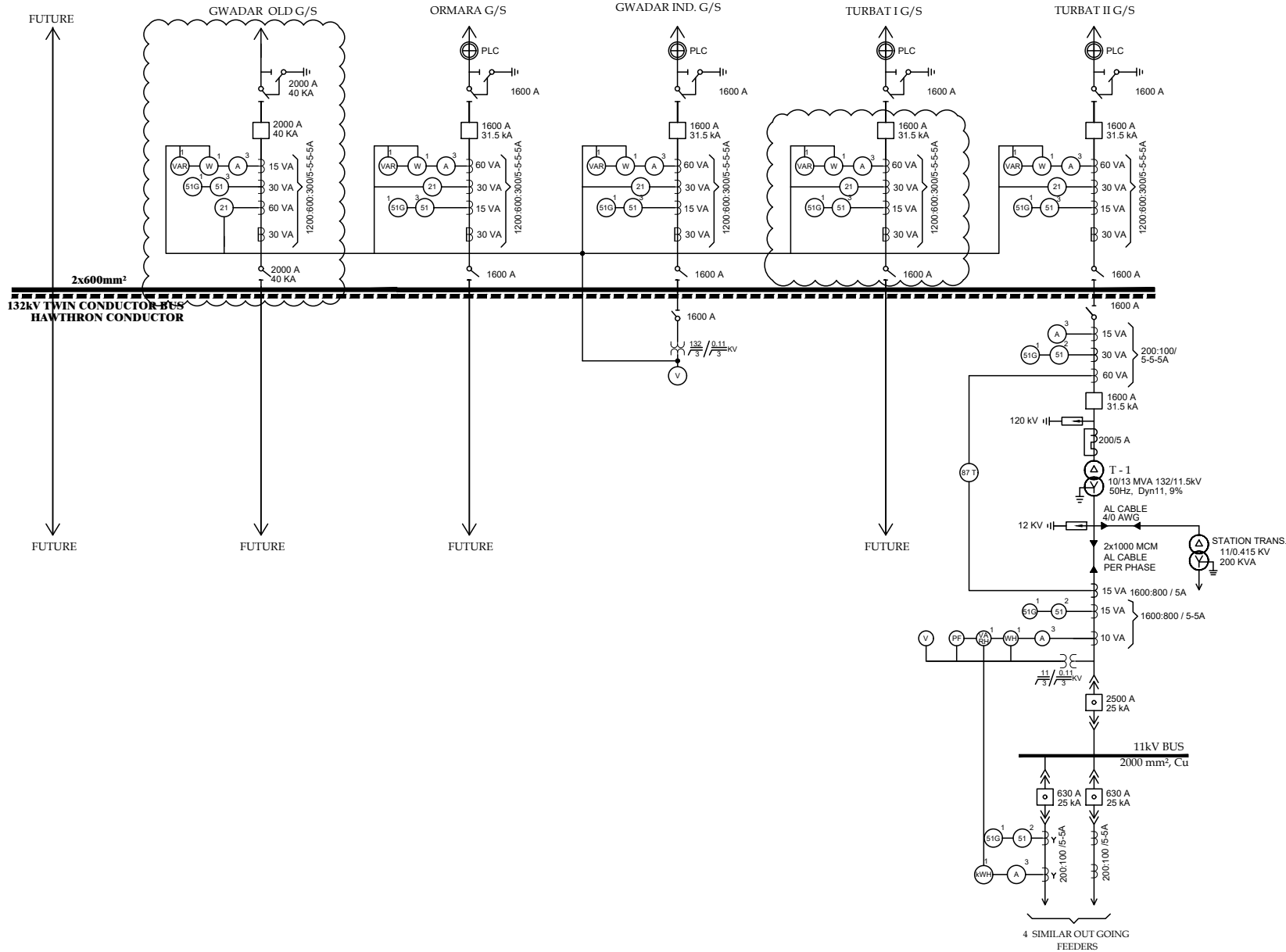
-  ISOLATOR
-  EARTHING BLADE
-  POWER CIRCUIT BREAKER
-  DRAW OUT TYPE CIRCUIT BREAKER
-  CURRENT TRANSFORMER
-  POTENTIAL TRANSFORMER
-  BUSHING CURRENT TRANSFORMER
-  LIGHTNING ARRESTOR
-  POWER CABLE
-  TWO WINDING TRANSFORMER
-  PLC EQUIPMENT
-  RELAY (NO IN SYMBOL INDICATES FUNCTION)
- 51 OVER CURRENT RELAY
- 51G EARTH FAULT RELAY
- 21 DISTANCE RELAY
- 87 T DIFFERENTIAL RELAY
- A AMMETER
- W WATT METER
- VAR VAR METER
- V VOLT METER
- VARH VAR HOUR METER
- WH WATT HOUR METER
- HRC FUSE
- PF POWER FACTOR METER
-  RESTRICTED EARTH FAULT RELAY

PROPOSED:

NOTE:

1. PREPARED FROM WAPDA S/L DWG. NO. PDW/TE -1454 DT 20-03-2006.

1.	17-01-20	ADDED 1 NO. 132KV LINE BAY FOR GWADAR OLD G/S. CONVERSION OF 1 NO ISO BAY INTO 132KV LINE BAY FOR TURBAT AND 132KV BUS TO TWIN BUNDLE CONDUCTOR. EXTENDED SWITCHYARD BUILDING FOR 2 NO. 132KV BAYS.	EnMasse
NO.	DATE	REVISION	BY
CLIENT:-		<b>QESCO</b>	
CONSULTANT :-		<b>EnMasse</b>	
EXISTING: 3 NO. 132KV LINE BAYS, 1 NO. 132KV ISO BAY, 1 NO.10/13MVA, 132/11.5KV T/F BAY.			
PREPARED	MM	TITLE :- <b>132kv PASNI</b>	
CHECKED	HA	<b>GRID SUB-STATION</b>	
APPROVED	CAL	<b>SINGLE LINE DIAGRAM</b>	
SCALE:- N T S		DRAWING NO. SL-08	DATE:



2x600mm<sup>2</sup>  
132kV TWIN CONDUCTOR BUS  
HAWTHORN CONDUCTOR

11kV BUS  
2000 mm<sup>2</sup>, Cu

4 SIMILAR OUT GOING FEEDERS