



**LOT # 2 (H) NAL
LEGEND :-**

- ISOLATOR
- EARTHING BLADE
- POWER CIRCUIT BREAKER
- DRAW OUT TYPE CIRCUIT BREAKER
- CURRENT TRANSFORMER
- POTENTIAL TRANSFORMER
- LIGHTNING ARRESTOR
- POWER CABLE
- TWO WINDING TRANSFORMER
- 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
- POWER FACTOR METER
- RESTRICTED EARTH FAULT RELAY

NOTE:
1. PREPARED FROM WAPDA S/L DWG NO. PDW/TE/1409
DATED 10-05-2004

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| PROPOSED: | | | |
| 1 | 17.1.20 | ADDED 2 NO. 132kV LINE BAYS 1 FOR BESIMA G/S, 1 FOR NAG G/S AND 1 P.T BAY. CONVERSION OF 132kV BUS INTO TWIN BUNDLE CONDUCTOR AND KHUZDAR ISO BAY INTO 132kV LINE BAY. | |
| NO. | DATE | REVISION | BY |
| CLIENT:- | | QESCO | |
| CONSULTANT :- | | EnMasse | |
| EXISTING 1 NO. 132kV ISO BAY , 2 NO. 20/26MVA, 132/11.5KV T/F BAYS. | | | |
| NAME | SIG. | TITLE :- | |
| PREPARED | MM | 132kV NAL GRID STATION SINGLE LINE DIAGRAM | |
| CHECKED | HA | | |
| APPROVED | CAL | | |
| SCALE:- N T S | | DRAWING NO. SL-007 | DATE: |