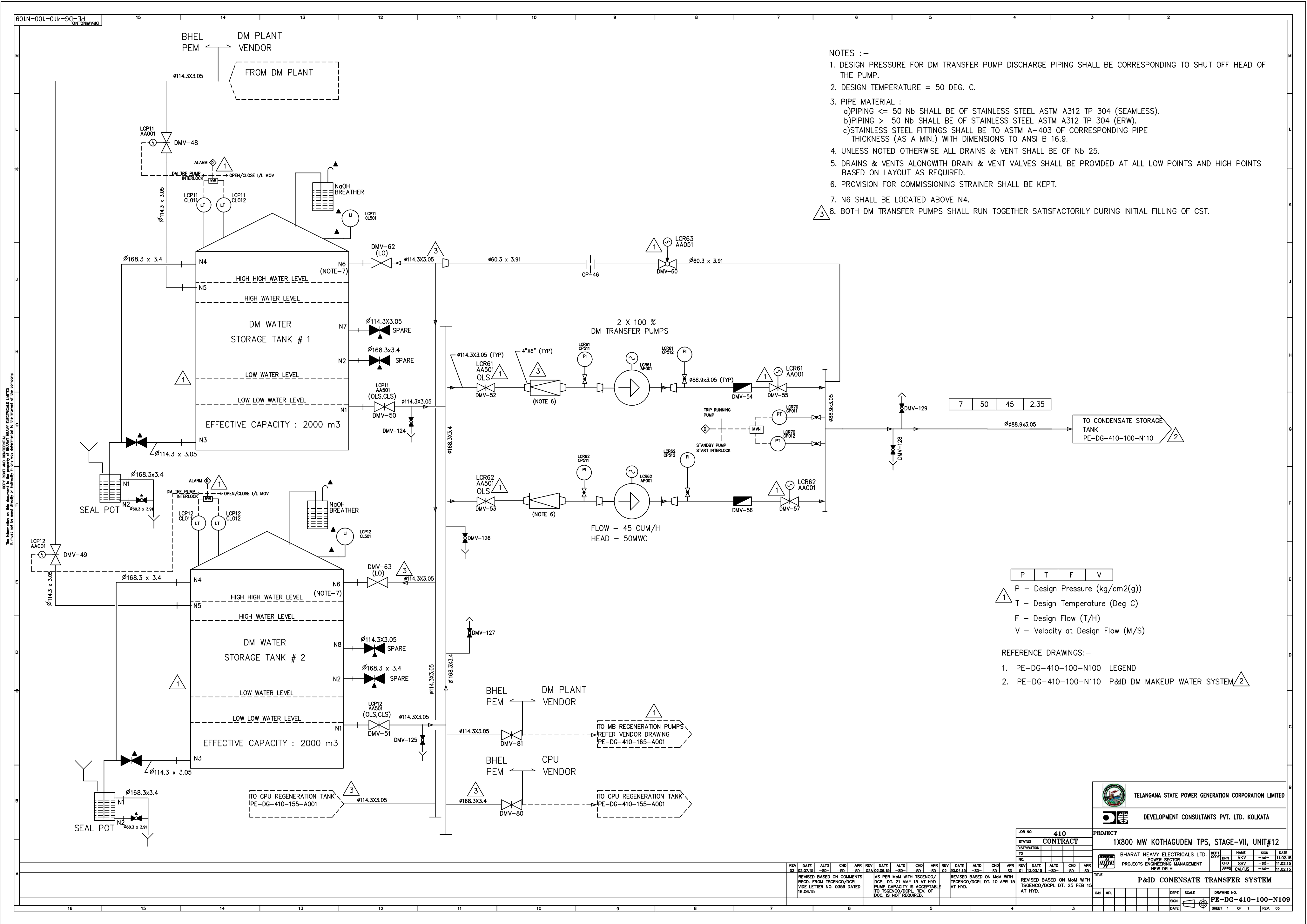


ANNEXURE -A



- NOTES :-
1. DESIGN PRESSURE FOR DM TRANSFER PUMP DISCHARGE PIPING SHALL BE CORRESPONDING TO SHUT OFF HEAD OF THE PUMP.
 2. DESIGN TEMPERATURE = 50 DEG. C.
 3. PIPE MATERIAL :
a) PIPING <= 50 Nb SHALL BE OF STAINLESS STEEL ASTM A312 TP 304 (SEAMLESS).
b) PIPING > 50 Nb SHALL BE OF STAINLESS STEEL ASTM A312 TP 304 (ERW).
c) STAINLESS STEEL FITTINGS SHALL BE TO ASTM A-403 OF CORRESPONDING PIPE THICKNESS (AS A MIN.) WITH DIMENSIONS TO ANSI B 16.9.
 4. UNLESS NOTED OTHERWISE ALL DRAINS & VENT SHALL BE OF Nb 25.
 5. DRAINS & VENTS ALONGWITH DRAIN & VENT VALVES SHALL BE PROVIDED AT ALL LOW POINTS AND HIGH POINTS BASED ON LAYOUT AS REQUIRED.
 6. PROVISION FOR COMMISSIONING STRAINER SHALL BE KEPT.
 7. N6 SHALL BE LOCATED ABOVE N4.
 8. BOTH DM TRANSFER PUMPS SHALL RUN TOGETHER SATISFACTORILY DURING INITIAL FILLING OF CST.

P	T	F	V
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- 1
- P - Design Pressure (kg/cm2(g))
 - T - Design Temperature (Deg C)
 - F - Design Flow (T/H)
 - V - Velocity at Design Flow (M/S)

REFERENCE DRAWINGS:-

1. PE-DG-410-100-N100 LEGEND
2. PE-DG-410-100-N110 P&ID DM MAKEUP WATER SYSTEM



TELANGANA STATE POWER GENERATION CORPORATION LIMITED



DEVELOPMENT CONSULTANTS PVT. LTD. KOLKATA

PROJECT

1X800 MW KOTHAGUDEM TPS, STAGE-VII, UNIT#12

POWER SECTOR

PROJECTS ENGINEERING MANAGEMENT
NEW DELHI

REVISIONS

REV	DATE	ALTD	CHD	APR	REV	DATE	ALTD	CHD	APR	REV	DATE	ALTD	CHD	APR	REV	DATE	ALTD	CHD	APR
03	02.07.15	-SD-	-SD-	02A	02.06.15	-SD-	-SD-	02	30.04.15	-SD-	-SD-	01	13.03.15	-SD-	-SD-	01	13.03.15	-SD-	-SD-

REVISED BASED ON COMMENTS REC'D. FROM TSGENCO/DCPL WIDE LETTER NO. 0359 DATED 16.06.15

AS PER M&M WITH TSGENCO/DCPL DT. 21 MAY 15 AT HYD PUMP CAPACITY IS ACCEPTABLE ITO TSGENCO/DCPL. REV. OF P&ID IS NOT REQUIRED.

REVISED BASED ON M&M WITH TSGENCO/DCPL DT. 10 APR 15 AT HYD.

REVISED BASED ON M&M WITH TSGENCO/DCPL DT. 25 FEB 15 AT HYD.

TITLE

P&ID CONDENSATE TRANSFER SYSTEM

DRAWING NO.

PE-DG-410-100-N109

DESIGNER

CHD

CHECKED

SSV

APPROVED

CM/JS

SCALE

1:1

SHEET

1 OF 1

REV.

03