

2 MATERIAL DETAILS:-

Table – 2

LOT NO	MATERIAL	QTY	UOM
1	Diesel Generator 3 sets each of 3160 KW capacity (DG 1, DG 2, DG 3)	1	Lot
2	Diesel Generator set of 3510 KW capacity (DG 4)	1	Lot
3	Diesel Generator set of 7717 KW capacity (DG 5)	1	Lot
4	Miscellaneous Items	1	Lot
5	Vapour Absorption Machines (VAM 1 & VAM 2)	1	Lot

Note:

- i. GST will be charged @ 18 %.
- ii. Delivery Challans shall be issued by ITPL on LOT basis
- iii. All the DG sets are sold on Lot Basis, as-is where-is condition.

DG sets Specifications

DG – 1 DETAILS

Make: Wartsila Diesel
 Type: Wartsila Vasa 9R 32 D
 ESN: 7783
 SPEC: 173197
 Capacity: 3160 KW
 No. of Cylinder: 9
 Bore: 320 MM
 Stroke: 350 MM
 Speed: 750 RPM
 Mean Piston Speed: 525
 Firing Order: 174286395
 Present RHS: 90328.
 Year of Installation: 1997

TURBO-CHARGER

Make: ABB
 Type: VTR – 354 O – 11 – 21
 HT: 419108

ALTERNATOR

Make: ABB Industry
Type: HSG 710 X S8
Output: 3792 KVA
Voltage: 11 KV, 3ph, 50 Hz
Current: 199 A
Duty / IC: S1 / OA1
Excit. voltage / Current: 64 V / 7.5 A
Insu. Class: F
Made in: Finland
Serial No. / Year: 4553744 / 1996

Running Hours: 90328 Hours.

DG – 2 DETAILS

Make: Wärtsilä Diesel
Type: Wartsila Vasa 9R 32 D
ESN: 7785
SPEC: 173197
Capacity: 3160KW
No, of Cylinder: 9
Bore: 320 MM
Stroke: 350 MM
Speed: 750 RPM
Mean Piston Speed: 525
Firing Order: 174286395
Present RHS: 89364.
Year of Installation: 1997

TURBO-CHARGER

Make: ABB
Type: VTR – 354 O – 11 – 21
HT: 419110

ALTERNATOR

Make: ABB Industry
Type: HSG 710 X S8
Output: 3792 KVA
Voltage: 11 KV, 3ph, 50 Hz
Current: 199 A
Duty / IC: S1 / OA1
Excit. voltage / Current: 64 V / 7.5 A
Insu. Class: F
Made in: Finland
Serial No. / Year: 4553746 / 1996

Running Hours: 89364 Hours.

DG – 3 DETAILS.

Make: Wärtsilä Diesel
Type: Wartsila Vasa 9R 32 D
ESN: 7784
SPEC: 173197

Capacity: 3160 KW

No, of Cylinder: 9
Bore: 320 MM
Stroke: 350 MM
Speed: 750 RPM
Mean Piston Speed: 525
Firing Order: 174286395
Present RHS: 88855.
Year of Installation: 1998

TURBO-CHARGER

Make: ABB
Type: VTR – 354 O – 11 – 21
HT: 419109

ALTERNATOR

Make: ABB Industry
Type: HSG 710 X S8
Output: 3792 KVA
Voltage: 11 KV, 3ph, 50 Hz
Current: 199 A
Duty / IC: S1 / OA1
Excit. voltage / Current: 64 V / 7.5 A
Insu. Class: F
Made in: Finland
Serial No. / Year: 4553745 / 1996

Running Hours: 88855 Hours.

DG – 4 DETAILS

Make: CAT / MAK
Type: MAK 8 CM 32C
ESN: 38089

Capacity: 3510 KW

No, of Cylinder: 8
Bore: 320 MM
Stroke: 480 MM
Speed: 600 RPM
Mean Piston Speed: 32.17
Firing Order: 13578642
Present RHS: 94112.
Year of Installation: 2002

TURBO-CHARGER

Make: NAPIER
Type: NAPIER ER – 357 - C
Serial No: 702051 X
Specification: 3G S100 B/J

ALTERNATOR

Make: AVK
Type: DIG 16 1L
Output: 3792 KVA - 10
Voltage: 11 KV, 3ph, 50 Hz
Current: 222 A

Duty: S1
Excit. voltage / Current: 41 V / 3.4 A
Insu. Class: F
Made in: GERMANY
Serial No. / Year: 8424865A101 / 2001

Running Hours: 94112 Hours.

DG – 5 DETAILS.

Make: Wärtsilä Diesel
Type: W18 V 34 Duel Fuel
ESN: PAAE 250904
SPEC: 17335
Capacity: 7717 KW
No, of Cylinder: 18
Bore: 320 MM
Stroke: 400 MM
Speed: 750 RPM
Mean Piston Speed: 32.17
Firing Order: A1B1A7B7A4B4A2B2A8B8A6B6A3B3A9B9A5B5
Present RHS: 27469.
TURBO-CHARGER 'A' Bank
Make: ABB
Type: TPL67-C36
Spec: CV 36 TT 40
Year of Installation: 2006

TURBO-CHARGER 'B' Bank

Make: ABB
Type: TPL67-C36
Spec: CV 36 TT 40

ALTERNATOR

Make: ABB Industry
Type: AMG 1120MP08DSE
Output: 10030 KVA
Voltage: 11 KV, 3ph, 50 Hz
Current: 526 A
Duty / IC: S1 / OA1
Excit. voltage / Current: 59 V / 8 A
Insu. Class: F
Made in: Finland
Serial No. / Year: 4581711 / 2005

Running Hours: 27469 Hours.

Miscellaneous Items:

DM Water plant :

1. DM water-Product- Anion and filter , Make – Thermax, Capacity – 3.5KG/CM²
2. Softener Plant, Make – Thermax, Capacity – 3.5KG/CM²
3. EOT Crane, Capacity – 10T & 2T. All supporting structures and girders are included in the sale.
4. 2X1600 KVA Auxiliary Transformers
5. 40 MT Weighbridge
6. Fire pump house equipment (56 KW Fire water diesel engine, 45 KW main water pump, 11 KW jockey pump)

7. Electrical Panels - 11 KV HT AUX TRF-1 OG, AUX TRF-2 OG, VAM TRF-1 OG, VAM TRF-2 OG
PANEL

8.180 KVA BLACK START DG, Make – Kirloskar.

VAPOUR ABSORPTION MACHINE – I (VAM):

Make Thermax / 2006

Quantity 1 nos.

Model HJ 80 BHX

Capacity 1200 TR

Running Hrs 8394

Absorbent Pump Motor

Make TEIKOKU (Japan) / 2006 Model: L326040-0812T-F

Capacity 4.5 ltrs / min,

Refrigerant Pump Motor

Make TEIKOKU (Japan) / 2006

Purge Pump Motor

Make Nil / 2006

ABSO Pump

Make TEIKOKU / 2006 Model: Nil

Capacity 750 & 783.4 ltrs / min Type: FY-12233-1 & F1545-2

Purge Pump Motor

Make Indo Woosung / 2006 Model: IVPT/300

Refrigerant Pump Motor

Make Indo Woosung / 2006 Model: IVPT/300

VAPOUR ABSORPTION MACHINE – II (VAM)

Make Thermax / 2006

Quantity 1 nos.

Model HD 80 BXX

Capacity 1200 TR

Running Hrs 5506

Absorbent Pump Motor / Refrigerant Pump

Make TEIKOKU (Japan) / 2006 Model: 4-426C4G-0812U-F

Purge Pump Motor

Make Mahela, India / 2006 Model: EB-08005403

Capacity 0.75/1.0 ltrs / min

ABSO Pump

Make TEIKOKU / 2006 Model: Nil

Capacity 783.4 ltrs / min

Refrigerant Pump Motor

Make TEKOKU / 2006 Model: Nil

Capacity 391.7 ltrs / min

Purge

Make Indo Woosung / 2006 Model: IVPT/300

NOTE:

- All supporting structures, pipes, girders of cranes are included in the sale. Kindly refer to the detailed materials list as mentioned in the Annexure I.
- Any RCC and civil structures are not included in the sale.

3. Onsite Inspection:

- i. Inspection will only be permitted by giving prior notification to the valuejunction team at least 1 day before the date of visit. Refer to the Expression of Interest document for inspection appended below in this catalogue.
- ii. Buyers are required to submit the duly filled in EOI as provided in the next page along with the balance sheet of the previous financial year before visiting the site.
- iii. Buyers visiting the site are required to carry the following Originals along with them:
 1. Government approved Photo identity proof of each visitor.
 2. Company letterhead.

Annexure I:-
Lot 1.

LOT - 1			
SI No	Equipment Description	Capacity	Make
1	DG-1	3160 KW	Wartsila
2	DG-2	3160 KW	Wartsila
3	DG-3	3160 KW	Wartsila
4	L O Separator -1	4kw	Alfa Laval
5	L O Separator -2	4kw	Alfa Laval
6	L O Separator -3	4kw	Alfa Laval
7	HFO Separator -1	7.5kw	Alfa Laval
8	HFO Separator -2	7.5kw	Alfa Laval
9	Starting Air Comp-1 (IR)	30 Bar	IR
10	Starting Air Comp-2 (IR)	30 Bar	IR
11	Starting Air Comp-3 (IR)	30 Bar	IR
12	Starting Air Comp-4 (IR)	30 Bar	IR
13	FO Booster Pump -1	4kw	MEZ
14	FO Booster Pump -2	4kw	MEZ
15	FO Feeder Pump -1	3kw	MEZ
16	FO Feeder Pump -2	3kw	MEZ
17	F.O U/L pump	7.5kw	Crompt. Grves
18	F.O U/L pump	7.5kw	Crompt. Grves
19	F.O Transfer Pump -1	2.2 KW	Crompt. Grves
20	F.O Transfer Pump -2	2.2 KW	Crompt. Grves
21	F.O Transfer Pump -3	2.2 KW	Crompt. Grves
22	HSD U/L Pump -1	7.5 KW	Crompt. Grves
23	HSD U/L Pump -2	7.5 KW	Crompt. Grves
24	HSD Feeder Pump -1	1.5 KW	Crompt. Grves
25	HSD Feeder Pump -2	1.5 KW	Crompt. Grves
26	Hydrophore pump -1	1.1 KW	Grundfos
27	Hydrophore pump -2	1.1 KW	Grundfos
28	Roof Extractor Fan - 1	3.7 KW	GEC Alsthom
29	Roof Extractor Fan - 2	3.7 KW	GEC Alsthom
30	Roof Extractor Fan - 3	3.7 KW	GEC Alsthom
31	Roof Extractor Fan - 4	3.7 KW	GEC Alsthom
32	Roof Extractor Fan - 5	3.7 KW	GEC Alsthom
33	Roof Extractor Fan - 6	3.7 KW	GEC Alsthom
34	Roof Extractor Fan - 7	3.7 KW	GEC Alsthom
35	Roof Extractor Fan - 8	3.7 KW	GEC Alsthom
36	HFO storage tank 1	300 KL	
37	HFO storage tank 2	300 KL	
38	HFO buffer tank 1	25 KL	
39	HFO buffer tank 2	25 KL	
40	HFO day tank 1	25 KL	
41	HFO day tank 2	25 KL	
42	HSD storage tank	50 KL	

43	HSD day tank	10 KL	
44	Spent oil tank	25 KL	
45	45 KVA lighting transformer with main lighting DB - 1 No.		
46	11 KV HT DG incomer1, DG incomer2, DG incomer 3, BUSPT-1, BUSPT-2, TIE-1, TIE-2, Bus coupler panels		
47	DG 1,2&3 11KV PT CUBICLE		
48	DG 1,2&3 LT MSB complete panel	415V, 2500A	C&S
49	Roof extractor MCC panel		
50	Small power DB at DG Hall		
51	BAP011 - DG1 control panel		
52	BAP021 - DG2 control panel		
53	BAP031 - DG3 control panel		
54	BAP901-common sync panel		
55	BAP012-DG1 PLC and protection panel		
56	BAP022-DG2 PLC and protection panel		
57	BAP032-DG3 PLC and protection panel		
58	BAP902-common PLC panel		
59	LT EMSB PANEL		
60	DG 1,2&3 RADIATOR CONTROL PANEL		
61	DG 1, 2, 3 chimney with structure and pipes-height 61 mtrs, width 0.7 mtrs. (3 Nos.)		

LOT 2:

LOT - 2			
SI No	Equipment Description	Capacity	Make
1	DG-4	3510 KW	Caterpillar
2	L O Separator -4	4kw	Alfa Laval
3	HT Water Pump (DG-4)	15kw	PRIMO
4	LT Water Pump (DG-4)	7.5kw	PRIMO
5	Pre Pressure Pump -1	2.5kw	PRIMO
6	Pre Pressure Pump -2	2.5kw	PRIMO
7	F.O Circulation Pump -1	3.7 KW	Crompt. Grves
8	F.O Circulation Pump -2	3.7 KW	Crompt. Grves
9	Roof Extractor Fan - 9	3.7 KW	GEC Alsthom
10	Roof Extractor Fan - 10	3.7 KW	GEC Alsthom
11	Roof Extractor Fan - 11	3.7 KW	GEC Alsthom
12	Roof Extractor Fan - 12	3.7 KW	GEC Alsthom
13	Roof Extractor Fan - 13	3.7 KW	GEC Alsthom
14	DG-4 LT PCC and MCC panel		
15	11 KV HT DG4 INCOMER PANEL		
16	DG 4 11KV PT CUBICLE		
17	DG 4 CONTROL PANEL		

18	DG4 LOCAL DATA BOARD		
19	DG4 PROTECTION PANEL		
20	DG4 EMSB PANEL		
21	DG 4 chimney with structure - height 61 mtrs, width 0.7 mtrs		

Lot 3:-

LOT -3			
SI No	Equipment Description	Capacity	Make
1	DG-5	7717 KW	Wartsila
2	OFB	400Kg/hr	Thermax
3	L O Separator -5	4kw	Alfa Laval
4	LSHS Separator -1	11kw	Alfa Laval
5	LSHS Separator -2	11kw	Alfa Laval
6	Starting Air Comp-5 (IR)	30 Bar	IR
7	Starting Air Comp-6 (IR)(ED)	30 Bar	IR
8	Inst Air Comp-(DG#5)	7 Bar	IR
9	Fuel Booster unit	4kw	MEZ
10	LSHS U/L Pump -1	11 KW	Bhart Bijlee
11	LSHS U/L Pump -2	11 KW	Bhart Bijlee
12	LSHS Feeder Pump -1	2.2 KW	Bhart Bijlee
13	LSHS Feeder Pump -2	2.2 KW	Bhart Bijlee
14	Hydrophore unit pump -1 (Dg-5)	1.1 KW	Grundfos
15	Hydrophore unit pump -2 (DG-5)	1.1 KW	Grundfos
16	Roof Extractor Fan - 14	3.7 KW	Crompt. Grves
17	Roof Extractor Fan - 15	3.7 KW	Crompt. Grves
18	Roof Extractor Fan - 16	3.7 KW	Crompt. Grves
19	Roof Extractor Fan - 17	3.7 KW	Crompt. Grves
20	Roof Extractor Fan - 18	3.7 KW	Crompt. Grves
21	Roof Extractor Fan - 19	3.7 KW	Crompt. Grves
22	Roof Extractor Fan - 20	3.7 KW	Crompt. Grves
23	Roof Extractor Fan - 21	3.7 KW	Crompt. Grves
24	Roof Extractor Fan - 22	3.7 KW	Crompt. Grves
25	LSHS storage tank 1	600 KL	
26	LSHS storage tank 2	600 KL	
27	LSHS buffer tank 1	30 KL	
28	LSHS buffer tank 2	30 KL	
29	LSHS day tank 1	30 KL	
30	LSHS day tank 2	30 KL	
31	43 KVA lighting transformer with main lighting DB - 1 No.		

32	DG 5 RADIATOR MCC PANEL		
33	DG-5 LT PCC and MCC panel with FTH MCC panel		
34	11 KV HT DG5 INCOMER PANEL		
35	DG5 11 KV PT CUBICLE		
36	2X10 KVA UPS system		
37	24 VDC battery charger panel		
38	110 VDC/15-21A DC battery charger panel		
39	BAP051-DG5 control panel		
40	BAP052-DG5 PLC and protection panel		
41	BAP904-DG5 common PLC panel		
42	DG5 ROOF EXTRACTOR MCC		
43	DG 5 LT ACDB PANEL		
44	DG5 chimney, spare chimney and ATH boiler chimney with structure - height 61 mtrs, width 0.7 mtrs (2 Nos.)		

Lot 4:-

LOT - 4			
SI No	Equipment Description	Capacity	Make
1	DM Water plant :		
	(1) DM water-Product- Anion	3.5KG/CM ²	Thermax
	(2)DM water- Product- filter	3.5KG/CM ²	Thermax
2	Softener Plant	3.5KG/CM ²	Thermax
3	EOT Crane	10T+2T	Rank Cranes Hyderabad
4	2X1600 KVA Auxiliary Transformers	2X1600 KVA	Alstom
5	40 MT Weighbridge	40 MT	Essae
6	Fire pump house equipment (56 KW Fire water diesel engine, 45 KW main water pump, 11 KW jockey pump)	56 KW Fire water diesel engine, 45 KW main water pump, 11 KW jockey pump	Kirloskar
7	11 KV HT AUX TRF-1 OG, AUX TRF-2 OG, VAM TRF-1 OG, VAM TRF-2 OG PANEL		
8	180 KVA BLACK START DG	180 KVA	Kirloskar
9	CONTROL ROOM AHU UNIT		

Lot 5:-

LOT-5			
SI No	Equipment Description	Capacity	Make
VAM equipment list			
1	VAM -1	1200 TR	THERMAX
2	ABSORBENT PUMP MOTOR-1	4.5	TEIKOKU(JAPAN)
3	ABSORBENT PUMP MOTOR-2	7.5	TEIKOKU(JAPAN)
4	REFRIGERENT PUMP MOTOR	1.5	TEIKOKU(JAPAN)
5	PURGE PUMP MOTOR	0.75/1.0	
6	ABSO PUMP -1	750 lts/min	TEIKOKU
7	ABSO PUMP -2	783.4 lts/min	TEIKOKU
8	REF PUMP	391.7 lts/min	TEIKOKU
9	PURGE PUMP	NIL	INDO WOOSUNG
10	VAM - 2	1200 TR	THERMAX
11	ABSORBENT PUMP MOTOR		TEIKOKU(JAPAN)
12	REFRIGERENT PUMP MOTOR	1.5/2	TEIKOKU(JAPAN)
13	PURGE PUMP MOTOR	0.75/1.0	MAHELA MACHINESINDIA PVT LTD
14	ABSO PUMP	783.4 lts/min	TEIKOUK
15	REF PUMP	391.7 lts/min	TEIKOUK
16	PURGE	NIL	INDO WOOSUNG
17	COW PUMP - 1	950 m3/hr	MATHER &PLATT
18	COW PUMP - 2	950 m3/hr	MATHER &PLATT
19	COW PUMP - 3	950 m3/hr	MATHER &PLATT
20	CHW PUMP - 1	650 m3/hr	MATHER &PLATT
21	CHW PUMP - 2	650 m3/hr	MATHER &PLATT
22	CHW PUMP - 3	650 m3/hr	MATHER &PLATT
23	HOT WATER PUMP 1	264 m3/hr	SULZER
24	HOT WATER PUMP 2	264 m3/hr	SULZER
25	BOOSTER PUMP 1	142 m3/hr	MATHER &PLATT
26	BOOSTER PUMP 2	142 m3/hr	MATHER &PLATT
27	HW MAKE PUMP 1	1.8 m3/hr	GRUNDFOS
28	HW MAKE PUMP 2	1.8 m3/hr	GRUNDFOS
29	AIR COMP & TANK -1	300 lts	INGERSOL RAND
30	AIR COMP & TANK -2	300 lts	INGERSOL RAND
31	HRU-1 DAMPER WITH HRU UNIT		INDIRA DAMPER
32	HRU-2 DAMPER WITH HRU UNIT		INDIRA DAMPER
33	HRU-3 DAMPER WITH HRU UNIT		INDIRA DAMPER
34	HRU-4 DAMPER WITH HRU UNIT	28000kg/hr	INDIRA DAMPER
35	HRU-5 DAMPER WITH HRU UNIT	55500 kg/hr	INDIRA DAMPER
36	CHILLED WATER PUMP MOTOR-1	200/270	BHARATH BIJLEE LTD
37	CHILLED WATER PUMP MOTOR-2	200/270	BHARATH BIJLEE LTD
38	CHILLED WATER PUMP MOTOR-3	200/270	BHARATH BIJLEE LTD
39	COOLING WATER PUMP MOTOR-1	110/150	BHARATH BIJLEE LTD
40	COOLING WATER PUMP MOTOR-2	110/150	BHARATH BIJLEE LTD

41	COOLING WATER PUMP MOTOR-3	110/150	BHARATH BIJLEE LTD
42	HOT WATER PUMP MOTOR-1	75/100.5	SIEMENS
43	HOT WATER PUMP MOTOR-2	75/100.5	SIEMENS
44	LT HT WATER PUMP MOTOR-1	22/30	BHARATH BIJLEE LTD
45	LT HT WATER PUMP MOTOR-2	22/30	BHARATH BIJLEE LTD
46	MAKE UP WATER PUMP MOTOR-1	1.5/2.0	GRUNDFOS
47	MAKE UP WATER PUMP MOTOR-2	1.5/2.0	GRUNDFOS
48	AIR COMPRESSOR MOTOR-1	7.5/10	SIEMENS
49	AIR COMPRESSOR MOTOR-2	7.5/10	SIEMENS
50	COOLING TOWER MOTOR-1	18.5/25	ALSTOM
51	COOLING TOWER MOTOR-2	18.5/25	ALSTOM
52	COOLING TOWER MOTOR-3	18.5/25	ALSTOM
53	COOLING TOWER MOTOR-4	18.5/25	ALSTOM
54	COOLING TOWER MOTOR-5	18.5/25	ALSTOM
55	COOLING TOWER MOTOR-6	18.5/25	ALSTOM
56	ATH BOILER (HOT WATER GENERATOR)	40,000 K Cals	THERMAX
57	VAM PMCC COMPLETE PANEL	415V, 4000A	

NOTE: The Furnace oil or LSHS oil if present within the HFO or LSHS tanks are not included in the sale.

The pictures shown below are indicative in nature. Interested buyers are advised to visit the site and inspect the material, to satisfy them before participating in the auction.



Picture 1 (DG 1)



Picture 2 (Lube Oil Separator – DG 1)



Picture 3 (Radiators – DG 1)



Picture 4 (DG – 3 Lube oil separator.)



Picture 5 – DG 4



Picture 6 (DG – 4 Radiator unit.)



Picture 7 – DG 5



Picture 8 – DG – 5 Fuel Booster unit.



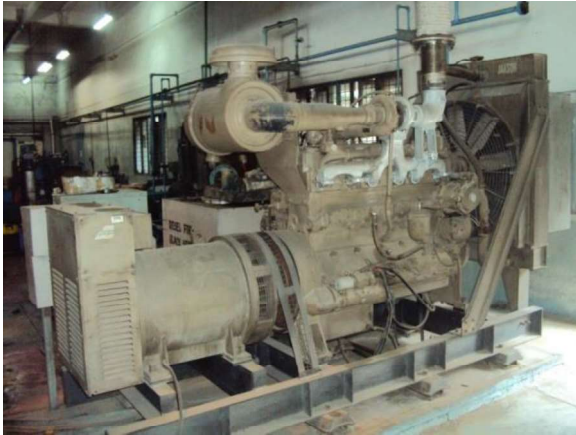
Picture 9 - Radiator Unit (DG 5)



Picture 10 - DG – 5 HFO Separators.



Picture 11 – Tanks.



Picture 12 – Black start generator set Booster



Picture 13 – DG – 1, 2 & 3 Common Feeder



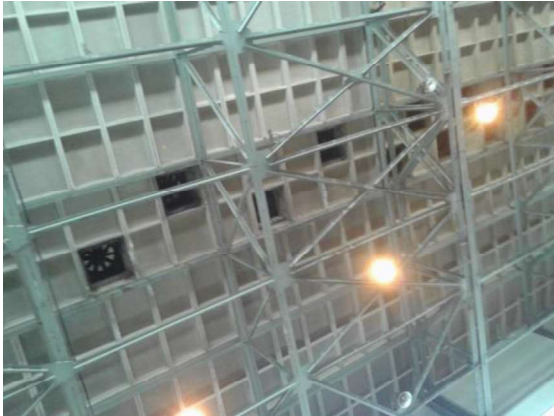
Picture 14 – Air compressors



Picture 15 – Water softener plant.



Picture 16 – DM Water plant.



Picture 17 – Ventilation Fans



Picture 18 – MCC panel of Ventilation System



Picture 19 – HRU Unit



Picture 20 – Panels



Picture 21 – Battery Bank



Picture 22 - Battery charger panel.



Picture 23 – Transformer 1



Picture 23 – Transformer 2



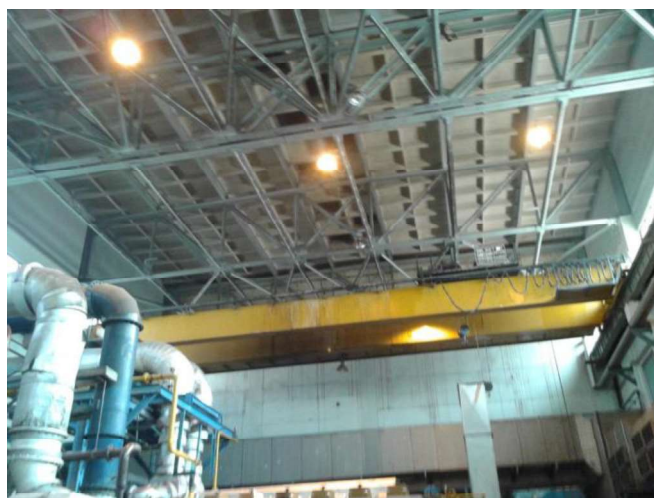
Picture 24 – MCC panel



Picture 25 – 11 KV Generator phase side



Picture 26 – Waste oil management



Picture 27 – EOT Crane



Picture 28 – VAM



Picture 29 – Cooling Tower