

**CORRIGENDUM - 2 DTD. 16-08-2021 TO TENDER SPECIFICATION - BHEL:PSSR:SCT:1974**

Erection, Testing, Commissioning & Trial Operation including Handling of Materials at BHEL / Client's Stores / Storage Yard, Transportation to site of erection, supply and application of painting of Steam Turbine, Turbo Generator & Auxiliaries including BOI of Package A consisting of Unit-2, and Package B consisting of Unit-4 & Unit-5 and BOP of Stage#2 (Unit#3, Unit#4 and Unit#5) of 5 X 800MW YADADRI TPS FOR TSGENCO

<b><u>Sl. No.</u></b>	<b><u>Clause No.</u></b>	<b><u>Existing in Tender/Corrigendum</u></b>	<b><u>Revised As</u></b>
1	Vol.I Book-I-Notice for Inviting tender (NIT) Clause 1.0 Salient Features of NIT, Sl No. vii) EMD Amount	Package A – Rs 12,50,000/- (Rupees Twelve Lakhs Fifty Thousand only) Package B – Rs 25,00,000/- (Rupees Twenty Five Lakhs only) Package A and B – Rs 32,00,000/- (Rupees Thirty Two Lakhs only)	Nil (Waived off) against declaration to be submitted by bidder with the offer in the format (Annexure-A) attached.
2		Pre Bid Queries by bidders are clarified in attached Annexure-1 along with its revised BOQ.	

Note:-

All other Terms & Conditions remain unchanged. Bidders are requested to consider this Corrigendum as part of the Tender Specification and quote accordingly.

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Anil Kumar  
DGM/SCT

**Annexure A**

**BID SECURITY DECLARATION**

**(To be typed and submitted in the Letter Head of the Company/Firm of Bidder)**

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To,

(Write Name & Address of Officer of BHEL inviting the Tender)

Dear Sir,

Sub : **BID SECURITY DECLARATION**

Ref : 1) NIT/Tender Specification No .....  
2) All other pertinent issues till date

We hereby accept that if we withdraw our offer /modify /change / alter / impair /derogate the offer on our own after Opening of Tender or within the subsistence of the validity period of offer or fail to accept the Letter of Intent/Award issued by BHEL or if we are awarded the contract and we fail to sign the contract, or to submit the Bid bond and/or Security Deposit before the deadline defined in the Tender Document or if we furnish forged/bogus certificates, we will be suspended from being eligible to submit Bids for Contracts with BHEL-PSSR/ BHEL, for a period as per extant BHEL guidelines.

We also agree that unilateral revision or withdrawal of offer by us as mentioned above shall also result in rejection of bid/our offer without Notice.

COMPANY SEAL

SIGNATURE

NAME

DESIGNATION

COMPANY NAME

DATE

**ANNEXURE - 1 OF CORRIGENDUM - 2 TO TENDER SPECIFICATION - BHEL:PSSR:SCT:1974**

Sl.No	Reference clause of Tender Document	Existing provision	Bidders Query	BHEL CLARIFICATION
1	TCC- (VOLUME-IA PART-I CHAPTER -IX 1.9.0 BILL OF QUANTITY at page 83/405 and Note-2 at page 146/405	A lump sum price is to be quoted in the price bid for Erection & Commissioning of STG system consisting of all equipment's detailed under Clause no 1.9.1 (Weight Schedule - Summary) of this chapter that shall also cover works like integral piping, and final painting, as applicable. The Lump sum quoted value for Erection Works shall include the Variation of +15% (Fifteen percent) in total indicated weight of each package treated separately for this tender. In case of variation in weight beyond +15%, the quantity exceeding +15% of the tendered quantity will be paid at the average tonnage rate arrived at by dividing the lump sum quoted/accepted value by 115% of total indicated weight.	<p>As per TCC VOLUME-IA PART-I CHAPTER -IX , 1.9.0: BILL OF QUANTITY at page 83/405</p> <p>Weight Schedule Summary: The weight at Item Sr. No. 4 is showing much higher weight for Package A as compared to Package B Unit 4 and 5 , which seems to be incorrect (Note: Package A does not include BOP Package still the weight against sr. no. 4 shown is much higher whereas Package B includes BOP Package of Unit 3,4 and 5.</p> <p>The Total Summary Weight of Package A shall be accordingly Revised.</p>	<p>SL No 57,60,61,62,63,64,65,66 and 70 (page-105-106) Stands Deleted from Miscellaneous Pumps and BOI items Furnished from Shipping List Unit#2- Package-A of Chapter-IX Bill Of Quantity TCC- Volume-IA Part-A.</p> <p>Revised BOQ for Package- A is Attached.</p>

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2	1.15 of TCC ( Page No.188 to 194 of 405)	All NDE will be part of scope of work and no separate payment shall be made.	Please provide Separate payment terms for NDE works and also request to provide the detailed FQP Plan	Tender Conditions Prevail
3	Clause No.1.2.10 of TCC (Page No.45 of 405)	Execute painting and labelling of all equipment, piping (including small bore piping), and structures like platform, pipe rack.	The Weightage provided in Price is not as per market and request BHEL to revise the Weightage provided in Price bid	Tender Conditions Prevail
4	Seal Welding	No of Condensor Tubes per Unit	Request BHEL to Provide the quantity of Condensor tubes to be considered per Unit and also clarity from BHEL is required ,whether seal welding to be included in scope or Not	Total No of Tubes Per Unit is 59510. Refer to clause no 1.14.1.20.
5	Clause No .1. 9.0 BOQ of TCC (83 to 147 of 405)	Turbine and Generator Piping	Request BHEL to Provide the weight Details of Integral Piping for Both Packages	Refer Chapter IX Vol- I A Bill of Quantity. However for clarity Weight Details are Package-A - 100 MT Package-B- 200 MT

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6	Clause No. 1.14.1.115 of TCC (Page No 181 of 405)	The contractor has to fabricate stainless steel orifice plate within the quoted rate. No extra payment will be made for fabrication of above orifice plates. The required stainless steel plate will be supplied by BHEL.	Request to BHEL to provide the separate payment for any site fabrication works	No separate Payments shall be made.
7	Clause No. 1.14.1.119 of TCC ( Page No.182 of 405)	The insulation of HP, IP, ESV, IV, LPBP, Overload valve and NRV's will be carried out by another agency deployed by BHEL Haridwar. The facilitation work for the insulation agency is in the scope of this contract. The facilitation work will include erection of safe working platforms around the equipment to be insulated. Contractor has to arrange all the scaffolding and associated materials required for this purpose.	Request BHEL to revise the scope of insulation agency i.e including Scaffolding works	Tender Conditions Prevail
8	Clause No. 1.16.21 of TCC ( Page No.198 of 405)	For conducting Hydro test / steam blowing of MSL, HRH, LPBP & CRH Lines, ESV, IV & LP BP Valves & CRH, NRV, internals are to be removed and after Hydro Test / steam blowing the internals are to be re-assembled. Hydro Test / steam blow devices are to be fixed. These activities shall be carried out by the contractor as instructed by BHEL without any additional cost.	Request to BHEL to provide the separate payment for installation works carried out for Steam Blowing works	Tender Conditions Prevail

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9	Clause No. 1.17.15 of TCC ( Page No.202 of 405)	Steam blowing of system piping if required will involve laying of temporary pipe lines, valves, etc. and dismantling & restoration of piping. The required steam shall be provided at a central point by BHEL.	Request to BHEL to provide the separate payment for installation works carried out for Steam Blowing works	Tender Conditions Prevail
10	Clause No.1.17.24 of TCC ( Page No.203 of 405)	Chemical cleaning (Acid cleaning of piping, alkali flushing etc.) will involve the installation of temporary piping, valves, cutting of some of the existing valves, placing the rubber, wedges in the valves, gagging of valves, and installation of temporary tanks for chemical and for mixing. Necessary temporary access platforms to mixing tank are to be made by the contractor. The dissolving tank, neutralizing tank etc. required for acid pickling will have to be fabricated by the contractor within the quoted rate. All the chemicals and the required raw materials will be provided by BHEL free of cost.	Request to BHEL to provide the separate payment for installation works carried out for Chemical cleaning works	No separate Payments shall be made.

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11	Clause No. 1.14.1.82 of TCC ( Page No.178 of 405)	Additional platforms for approaching different equipments as per the site requirement, which may not be indicated in drawings, shall be assembled and erected by contractor (50T approx.). The steel materials required for these works shall be supplied by BHEL free of cost and the contractor will have to install them to suit the requirement within the quoted rate / price.	Request to BHEL to provide the separate payment for installation works of Additional platforms	No separate Payments shall be made.
12	Clause No.1.4.3 of TCC ( Page No.56 of 405)	For loading, transportation and erection, all necessary T&P such as Trailers, Cranes, Winches, welding generators, slings, jacks, sleepers, rails etc., are to be arranged by the contractor. All the tools & plants required for this scope of work, except the tools & plants provided by BHEL, are to be arranged by the contractor within the quoted rates /prices.	Request BHEL to provide the specifications and Quantity of Trailers, Cranes to be considerd for Loading, Transportation and Erection works	The Specifications and Quantity of Trailers and Cranes shall be meeting to the requirements of the Site for loading/erection and transportation of the equipments in the scope of the vendor.

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13	Clause No.1.5.6 of TCC ( Page No.60 of 405)	<p>Suitable Higher capacity crane will be provided for Pre-assembly &amp; Erection of Feed Water Storage Tank (FST), De-aerator. In case the available higher capacity Crane at the time of erection could not reach the exact location of FST/De-aerator, then these may have to be lifted in parts to suitable location, assemble and drag to required erection location. The required T&amp;Ps for this process like rails, winches etc. have to be arranged by contractor within the quoted rate.</p>	<p>Request BHEL to confirm the availability of Higher capacity cranes for Pre-assembly &amp; Erection of Feed Water Storage Tank (FST), De-aerator .</p>	Tender Conditions Prevail
14	Clause No.1.13.3 of TCC (Page No.166 of 405)	<p>ODC consignments will be unloaded near to erection site. Some other materials may also be unloaded near to erection site, as per space availability. All other materials have to be transported from storage yard to construction area by the contractor at his own cost.</p>	<p>As per our site visit, we noticed that the ODC consignments like De-aerator, LP Rotors, LP Casings, Stator are unloaded in Yard which is 08 kms away from Erection site.</p> <p>We request BHEL to compensate as a separate item for Loading &amp; Shifting of ODC Consignments from Storage yard to Erection site.</p>	Tender Conditions Prevail

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15	Clause No 1.4.20 of TCC (Page No 58 of 405)	<b>FACILITY TO BE PROVIDED BY THE CONTRACTOR FOR P91 WELDING</b>  <b>Welding Electrodes/Filler Wires for P91 Welding as required to be arranged by the agency within the quoted rates- Make of Welding Electrodes need to be approved by the Customer/BHEL</b>	<b>We Request BHEL to provide the Filler Wire for P91 Material on Cost Free Basis</b>	<b>Tender Conditions Prevail</b>
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## Chapter-IX Bill of Quantity

### 1.9.0 Revised Weight Schedule

WEIGHT SCHEDULE - SUMMARY				
		PACKAGE-A	PACKAGE-B	
SI No.	EQUIPMENT / PACKAGE	Unit-2	Unit-4	Unit-5
1	STEAM TURBINE & AUXILIARIES	1222499	1174470	1174470
2	TURBO GENERATOR & AUXILIARIES	669180	666471	666471
3	CONDENSER & AUXILIARIES	951833	950290	950290
4	MISCELLANEOUS PUMPS, BOI ITEMS AND MISCELLANEOUS ITEMS	132900	103400	133400
5	HEAT EXCHANGERS	1203446	1203446	1203446
6	PUMPS & MOTORS			
6.a	BOILER FEED PUMP (TD & MD) of Individual Units	168650	168650	168650
6.b	BFP DRIVE TURBINE & AUXILIARIES of Individual Units	342000	342000	342000
6.c	CONDENSATE EXTRACTION PUMP of Individual Units	30000	30000	30000
6.d	COOLING WATER PUMPS of Stage#2	0	67500	67500
6.e	DRIP PUMPS of Individual Units	7000	7000	7000
7	RE JOINTS, CW PIPING, BF VALVES	78200	78200	78200
8	FLASH TANKS, MISC TANKS	17800	17800	17800
9	SINGLE GIRDER CRANES, ELECTRIC HOISTS & CHAIN PULLEY BLOCKS	26350	7650	7000
Weight		4849858	4816877	4846227
TOTAL WEIGHT (MT)		4850	4817	4846
TOTAL WEIGHT (MT) Package-A		4850 MT		
TOTAL WEIGHT (MT) Package-B		9663 MT		

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

## SHIPPING LIST UNIT#2 (Package-A)

### TURBINE AND ACCESSORIES UNIT#2

SNO	PKG. NO/SL	NET WT	DESCRIPTION	Quantity	PKG SIZE
1	75001/1	1116	ARRANGE.OF EMBED(ANCHOR POINT)ARRANGE.OF EMBED(ANCHOR POINT)	As Applicable	3100X900X800
2	75001/2	1156	ARRANGE.OF EMBED(ANCHOR POINT)ARRANGE.OF EMBED(ANCHOR POINT)	As Applicable	2700X700X800
3	75001/3	2336	ARRANGE.OF EMBED(ANCHOR POINT)ARRANGE.OF EMBED(ANCHOR POINT)	As Applicable	1800X1250X1100
4	75001/4	1276	ARRANGE.OF EMBED(ANCHOR POINT)-ANCHOR BOX TYPE-A	As Applicable	2500X900X800
5	75001/5	851	ARRANGE.OF EMBED(ANCHOR POINT)ARRANGE.OF EMBED(ANCHOR POINT)	As Applicable	1700X900X800
6	75001/6	1903	ARRANGE.OF EMBED(ANCHOR POINT)ARRANGE.OF EMBED(ANCHOR POINT)	As Applicable	3500X1250X800
7	75001/7	641	ARRANGE.OF EMBED(ANCHOR POINT)-EMBED.FOR LPC GUIDE BOLT	As Applicable	1300X1250X1100
8	75001/8	646	ARRANGE.OF EMBED(ANCHOR POINT)-EMBED.FOR LPC GUIDE BOLT	As Applicable	1300X1350X1100
9	75001/9	1060	ARRANGE.OF EMBED(ANCHOR POINT)-LOOSE ITEMS	As Applicable	1000X1000X650
10	75001/10	676	ARRANGE.OF EMBED(ANCHOR POINT)-ANCHOR RODS/NUTS (L=3000)	As Applicable	1300X1250X1100
11	75001/11	3770	ARRANGE.OF EMBED(ANCHOR POINT)ARRANGE.OF EMBED(ANCHOR POINT)	As Applicable	3500X1500X1250
12	75003/1	989	BASE PLATE ASSEMBLY	As Applicable	1550X900X900
13	75003/2	266	BASE PLATE ASSEMBLYBASE PLATE ASSEMBLY	As Applicable	800X800X800
14	75004/0	5160	BASE PLATE ASSEMBLY	As Applicable	2800X1600X600
15	75102/1	14150	LP CASING UPPER PART	As Applicable	8600X3000X3000
16	75102/2	14150	LP CASING UPPER PART	As Applicable	8600X3000X3000
17	75103/1	13950	LP CASING UPPER PART	As Applicable	8600X3000X3000
18	75103/2	13950	LP CASING UPPER PART	As Applicable	8600X3000X3000
19	75104/0	1060	RUPTURE DIAPHRAGM ASSEMBLY	As Applicable	2150X1350X1900
20	75107/1	7900	LP CASING SIDE WALL (LEFT)	As Applicable	6000X5500X200

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

21	75107/2	7900	LP CASING SIDE WALL (LEFT)	As Applicable	6000X5500X200
22	75108/1	7900	LP CASING SIDE WALL (RIGHT)	As Applicable	6000X5500X200
23	75108/2	7900	LP CASING SIDE WALL (RIGHT)	As Applicable	6000X5500X200
24	75109/1	15500	LP FRONT WALL (TS)	As Applicable	8560X5000X1000
25	75109/2	15500	LP FRONT WALL (TS)	As Applicable	8560X5000X1000
26	75110/1	17000	LP FRONT WALL (GS)	As Applicable	8560X5000X1000
27	75110/2	15500	LP FRONT WALL (GS)	As Applicable	8560X5000X1000
28	75111/1	730	LP SHAFT SEAL CASING - TS	As Applicable	2000X1650X750
29	75111/2	730	LP SHAFT SEAL CASING - TS	As Applicable	2000X1650X750
30	75112/1	730	LP SHAFT SEAL CASING - GS	As Applicable	2000X1650X750
31	75112/2	730	LP SHAFT SEAL CASING - GS	As Applicable	2000X1650X750
32	75113/1	1104	LP SHAFT SEAL COMPENSATOR (TS)	As Applicable	2800X2800X800
33	75113/2	1104	LP SHAFT SEAL COMPENSATOR (TS)	As Applicable	2800X2800X800
34	75114/1	1104	LP SHAFT SEAL COMPENSATOR (GS)	As Applicable	2800X2800X800
35	75114/2	1104	LP SHAFT SEAL COMPENSATOR (GS)	As Applicable	2800X2800X800
36	75115/1	1639	GRATING COVERING FOR LP	As Applicable	1900X1500X1200
37	75115/2	1722	GRATING COVERING FOR LP	As Applicable	3400X1900X1500
38	75115/3	1722	GRATING COVERING FOR LP	As Applicable	3400X1900X1500
39	75116/1	6648	CASING FRAME SECTION	As Applicable	8200X4900X250
40	75116/2	6648	CASING FRAME SECTION	As Applicable	8200X4900X250
41	75116/3	7501	CASING FRAME SECTION	As Applicable	2400X1600X1200
42	75116/4	4822	CASING FRAME SECTION	As Applicable	2550X900X900
43	75201/0	10600	HP/IP BEARING PEDESTAL	As Applicable	4000X1800X2100
44	75202/0	250	HP/IP BEARING PEDESTAL (PARTS)	As Applicable	1000X600X600
45	75301/0	250	MOUNT. FRAME FOR BEARING SHELL	As Applicable	1750X1350X600
46	75302/0	1265	ALIGNMENT SHAFT FOR IP TURBINE	As Applicable	6100X600X500

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

47	75303/0	360	SUPPORT FOR ESV AND IVCV &ARRANGEMENT OF ENDOSCOPE HOLE	As Applicable	2500X1350X800
48	75304/0	6700	TURNING-OVER DEVICE FOR HP- CASING & SUPPORT	As Applicable	3850X2850X1850
49	75305/0	6500	ASSLY.FIXTURE FOR HP TURBINE 1	As Applicable	4550X2950X600
50	75306/0	4382	ASSLY.FIXTURE FOR HP TURBINE 2	As Applicable	3000X1800X1300
51	75308/0	2389	LP-SHAFT SUPPORT	As Applicable	3500X1200X1800
52	75311/0	2700	LIST OF TOOLS	As Applicable	2800X2500X1500
53	75312/0	1168	I.P. SHAFT SUPPORT	As Applicable	1850X1200X950
54	75313/0	4200	BREECH NUT HEATING &STRETCHING DEVICE	As Applicable	11000X2400X1540
55	75316/0	4000	LIFTING SLINGS FOR HP/IP/LPTURBINE	As Applicable	3200X2900X1300
56	75319/1	2135	STEAM BLOWING & HYDRAULIC TESTDEVICE FOR HP VLAVE	As Applicable	3000X2000X1500
57	75319/2	76	STEAM BLOWING DEVICE FOROVERLOAD VALVE	As Applicable	1200X700X500
58	75319/3	3650	STEAM BLOWING & HYDRAULIC TESTDEVICE FOR IP VLAVE	As Applicable	3500X3200X1200
59	75320/0	420	TOOLS FOR GOVERNING SYSTEM	As Applicable	4200X3000X2000
60	75321/0	620	WIRE ROPES FOR HP, IP &OVERLOAD VALVE	As Applicable	2000X1800X1000
61	75322/1	1340	ASSEMBLY DEVICE FOR HP VALVE	As Applicable	1500X910X1300
62	75322/2	400	ASSEMBLY DEVICE FOROVERLOAD VALVE	As Applicable	900X700X800
63	75322/3	1650	ASSEMBLY DEVICE FOR IP VALVE	As Applicable	1450X1000X750
64	75323/0	602	SUPPORT OF BREECH BLOCK &MOUNTING DEVICE FOR O/L VALVE	As Applicable	1650X1300X1150
65	75401/0	18201	IP-LP BEARING PEDESTAL ASSLYIP-LP BEARING PEDESTAL ASSLY	As Applicable	7100X1900X2400
66	75402/0	1000	BEARING PEDESTAL (PARTS)	As Applicable	2000X1000X600
67	75501/0	18501	LP/GEN. PEDESTAL ASSEMBLY	As Applicable	7100X1800X2400
68	75502/0	550	BEARING PEDESTAL (PARTS)	As Applicable	1000X1000X650
69	75503/0	20000	LP/LP PEDESTAL ASSEMBLY	As Applicable	6250X2000X2100
70	75505/0	1010	BEARING PEDESTAL (PARTS)	As Applicable	1100X800X500
71	75601/1	5000	FRONT BEARING PEDESTAL	As Applicable	3400X1400X1600
72	75601/2	766	HYDRALLIC TURNING MOTOR	As Applicable	2500X1000X900
73	75601/3	200	FRONT BEARING PEDESTALS(PARTS)	As Applicable	1000X600X600
74	75705/1	991	LP EXTRACTION A1	As Applicable	5100X1100X1050
75	75705/2	991	LP EXTRACTION A1	As Applicable	5100X1100X1050
76	75706/1	991	LP EXTRACTION A1	As Applicable	5100X1100X1050
77	75706/2	991	LP EXTRACTION A1	As Applicable	5100X1100X1050
78	75707/1	181	LP EXTRACTION A1	As Applicable	1500X1100X900

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

79	75707/2	181	LP EXTRACTION A1	As Applicable	1500X1100X900
80	75707/3	181	LP EXTRACTION A1	As Applicable	1500X1100X900
81	75707/4	181	LP EXTRACTION A1	As Applicable	1500X1100X900
82	75708/1	991	LP EXTRACTION A2	As Applicable	5100X1100X1050
83	75708/2	991	LP EXTRACTION A2	As Applicable	5100X1100X1050
84	75709/1	991	LP EXTRACTION A2	As Applicable	5100X1100X1050
85	75709/2	991	LP EXTRACTION A2	As Applicable	5100X1100X1050
86	75710/1	388	LP EXTRACTION A2	As Applicable	2000X1800X900
87	75710/2	388	LP EXTRACTION A2	As Applicable	2000X1800X900
88	75711/1	1296	LP EXTRACTION A3	As Applicable	3000X1900X900
89	75711/2	1296	LP EXTRACTION A3	As Applicable	3000X1900X900
90	75712/1	1300	LP EXTRACTION A3	As Applicable	2500X1250X1300
91	75712/2	628	LP EXTRACTION A3	As Applicable	3300X1250X750
92	75713/1	1072	LP EXTRACTION A3	As Applicable	4350X1200X1150
93	75713/2	1072	LP EXTRACTION A3	As Applicable	4350X1200X1150
94	75716/1	1046	EXTRACTION PIPE SHEATHING A2	As Applicable	2450X1150X950
95	75716/2	550	EXTRACTION PIPE SHEATHING A2	As Applicable	2200X800X800
96	75716/3	725	EXTRACTION PIPE SHEATHING A3	As Applicable	2000X1000X1200
97	75716/4	360	EXTRACTION PIPE SHEATHING A3	As Applicable	2500X600X500
98	75716/5	1046	EXTRACTION PIPE SHEATHING A2	As Applicable	2450X1150X950
99	75716/6	550	EXTRACTION PIPE SHEATHING A2	As Applicable	2200X800X800
100	75716/7	725	EXTRACTION PIPE SHEATHING A3	As Applicable	2000X1000X1200
101	75716/8	433	EXTRACTION PIPE SHEATHING A3	As Applicable	1100X600X500
102	75717/1	426	COMPENSATORS FOR CASING GUIDE	As Applicable	1550X1550X550
103	75717/2	360	COMPENSATOR FOR CASING GUIDE	As Applicable	1400X1400X550
104	75717/3	360	COMPENSATOR FOR CASING GUIDE	As Applicable	1400X1400X550
105	75717/4	918	LOOSE ITEMS FOR CASING GUIDE COMPENSATORS	As Applicable	1800X1000X650
106	75720/1	26850	LP INNER CASING (U/H)	As Applicable	5510X3957X3235
107	75720/2	26850	LP INNER CASING (U/H)	As Applicable	5510X3957X3235
108	75721/1	49998	LP INNER CASING (L/H)	As Applicable	5480X5482X3313
109	75721/2	49998	LP INNER CASING (L/H)	As Applicable	5480X5482X3313
110	75722/1	2830	ASSEMBLY OF GUIDE BLADE CARRIERS 2L & 3L FOR LP1(U/H)	As Applicable	4200X2300X1000
111	75722/2	2830	ASSEMBLY OF GUIDE BLADE CARRIERS 2R & 3R FOR LP1(U/H)	As Applicable	4200X2300X1000
112	75722/3	2830	ASSEMBLY OF GUIDE BLADE CARRIERS 2L & 3L FOR LP2(U/H)	As Applicable	4200X2300X1000
113	75722/4	2830	ASSEMBLY OF GUIDE BLADE CARRIERS 2R & 3R FOR LP2(U/H)	As Applicable	4200X2300X1000
114	75722/5	4040	ASSEMBLY OF GUIDE BLADE CARRIER LP1L (U/H)	As Applicable	2920X1660X1265
115	75722/6	4040	ASSEMBLY OF GUIDE BLADE CARRIER LP1R (U/H)	As Applicable	2920X1660X1265
116	75722/7	4040	ASSEMBLY OF GUIDE BLADE CARRIER LP2L (U/H)	As Applicable	2920X1660X1265
117	75722/8	4040	ASSEMBLY OF GUIDE BLADE CARRIER LP2R (U/H)	As Applicable	2920X1660X1265
118	75723/1	1143	LP CASING ASSEMBLY PARTS	As Applicable	5000X600X600

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

119	75723/2	1400	LP CASING ASSEMBLY PARTS	As Applicable	2000X2000X900
120	75723/3	14	LP CASING ASSEMBLY PARTSLP CASING ASSEMBLY PARTS	As Applicable	500X500X400
121	75723/4	111	LP CASING ASSEMBLY PARTS	As Applicable	550X800X300
122	75723/5	68	LP CASING ASSEMBLY PARTS	As Applicable	1200X1200X250
123	75724/1	1584	LP INNER CASING ASSEMBLY(PARTS)	As Applicable	3300X1850X300
124	75724/2	1584	LP INNER CASING ASSEMBLY(PARTS)	As Applicable	3300X1850X300
125	75801/1	74800	LP ROTOR	As Applicable	7160X3728X3740
126	75801/2	74800	LP ROTOR	As Applicable	7160X3728X3740
127	75901/0	35900	IP ROTOR	As Applicable	6520X2060X2065
128	75902/0	36570	IP OUTER CASING (U/H)	As Applicable	6590X4230X2672
129	75903/0	42205	IP OUTER CASING (L/H)	As Applicable	6225X4200X2365
130	75904/0	30015	IP INNER CASING (U/H)	As Applicable	4340X3360X2050
131	75905/0	35075	IP INNER CASING(L/H)	As Applicable	4340X3660X2110
132	75906/0	1809	SUPPORTING ARMS-IP OUTERCASING	As Applicable	1330X1472X880
133	75907/0	550	IP SHAFT SEALING	As Applicable	1400X1200X900
134	75908/0	6900	IP TURBINE (PARTS)	As Applicable	3000X2500X1600
135	75909/0	365	I.P. TURBINE PARTSI.P. TURBINE PARTS	As Applicable	1400X1400X500
136	76001/0	125520	HP TURBINE	As Applicable	6745X3790X3495
137	76002/0	120	HP INLET ASSEMBLY	As Applicable	1200X800X500
138	76004/0	37	HP TURBINE PARTS	As Applicable	500X500X500
139	76104/0	28960	ESV & CV CASING WITH VALVES	As Applicable	5130X4775X3221
140	76105/1	895	MOUNTING SUPPORT FOR MS VALVES	As Applicable	1700X800X1000
141	76105/2	895	MOUNTING SUPPORT FOR MS VALVES	As Applicable	1700X800X1000
142	76108/0	28960	ESV & CV CASING WITH VALVES	As Applicable	5130X4775X3221
143	76112/0	3100	OVERLOAD VALVE CASINGWITH VALVE	As Applicable	3000X2000X1400
144	76201/0	310	SUSPENSION OF OVERLOAD VALVE	As Applicable	1300X950X1100
145	76202/0	45000	IV & CV CASING WITH VALVES	As Applicable	6370X5600X3600
146	76202/1	88	PARTS OF IV&CV CASING	As Applicable	1800X1000X200
147	76205/1	2450	MOUNTING SUPPORT FOR HRHVALVES	As Applicable	2500X1500X700
148	76205/2	2450	MOUNTING SUPPORT FOR HRHVALVES	As Applicable	2500X1500X700
149	76206/0	45000	IV & CV CASING WITH VALVES	As Applicable	6370X5600X3600
150	76206/1	88	PARTS OF IV&CV CASING	As Applicable	1800X1000X200
151	76301/1	675	SUSPENSION OF LPBP VALVE	As Applicable	3600X700X700
152	76301/2	675	SUSPENSION OF LPBP VALVE	As Applicable	3600X700X700
153	76412/0	515	LEAKAGE OIL TANK	As Applicable	1000X1000X3000
154	76413/0	515	WASTE OIL TANK	As Applicable	1000X1000X3000
155	76601/0	2438	COMPONENTS OF COP ASSEMBLY	As Applicable	3000X2500X1000
156	76602/0	4008	COMPONENTS OF COP ASSEMBLY	As Applicable	3400X3600X2100
157	76603/0	7799	COMPONENTS OF COP ASSEMBLY	As Applicable	3400X3250X3500
158	76604/0	8783	COMPONENTS OF COP ASSEMBLY	As Applicable	5300X2500X2800
159	76605/0	752	COMPONENTS OF COP ASSEMBLY	As Applicable	2000X1900X1000
160	76606/0	19128	COMPONENTS OF COP ASSEMBLY	As Applicable	6500X5500X3200
161	76607/0	754	COMPONENTS OF COP ASSEMBLY	As Applicable	2000X1800X1200
162	76608/0	6268	COMPONENTS OF COP ASSEMBLY(PARTS)	As Applicable	6500X3500X1000
163	76801/0	96	RATING,COLLABORATION ANDCOMPANY'S MONOGRAM	As Applicable	1000X1000X500
164	76914/0	27	COMPENSATOR	As Applicable	600X600X900
165	76921/0	8	VALVE BLOCK ASSLY	As Applicable	250X200X200
166	77202/0	102	TEMP. & PRESSURE CONNECTIONS	As Applicable	1000X800X800

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

167	77203/0	1517	IMPULSE PIPES (CARBON STEEL)	As Applicable	6900X800X800
168	77204/1	469	PRESSURE INSTRUMENTS & SENSORS	As Applicable	2000X1000X700
169	77204/2	167	TEMP. INSTRUMENTS & SENSORSTEMP. INSTRUMENTS & SENSORS	As Applicable	2000X1500X600
170	77204/3	17	LEVEL INSTRUMENTS & SESORLEVEL INST & SENSORS	As Applicable	700X450X450
171	77205/0	38	TRANSMITTERS & J.B. OF BEARINGS	As Applicable	500X300X200
172	77206/0	49	IMPULSE PIPES (ALLOY STEEL AND SS)	As Applicable	6900X500X500
173	77207/0	1037	IMPULSE PIPESIMPULSE PIPES	As Applicable	7000X300X300
<b>TURBINE NET WEIGHT</b>					<b>1222499</b>

## TURBO GENERATOR

SNO	PKG. NO/SL	NET WT	DESCRIPTION	Quantity	PKG SIZE
1	801/0	10325	FOUNDATION PLATES	As Applicable	6400X1680X950
2	802/0	1008	FOUNDATION BOLTS	As Applicable	2540X655X600
3	803/0	1670	FOUNDATION ITEMS	As Applicable	5800X1120X520
4	805/0	444780	GENERATOR STATOR	As Applicable	10225X5104X4841
5	806/0	89577	GENERATOR ROTOR	As Applicable	14755X1910X1915
6	806/1	165	SKID PLATE	As Applicable	8000X625X325
7	807/0	8250	END SHIELD LOWER HALF (TE)	As Applicable	3800X1500X2240
8	808/0	7250	END SHIELD UPPER HALF (TE)	As Applicable	3800X1500X2240
9	809/0	8300	END SHIELD LOWER HALF (EE)	As Applicable	3800X1500X2240
10	810/0	7300	END SHIELD UPPER HALF (EE)	As Applicable	3800X1500X2240
11	811/0	1803	GENERATOR BEARING (EE & TE)	As Applicable	1240X1050X1255
12	812/0	919	BAFFLE RING CARRIER & AIR GAPSEAL ASSY.	As Applicable	2035X1885X2175
13	813/0	870	TERMINAL BUSHINGS	As Applicable	2360X1624X753
14	814/0	5302	TERMINAL BUSHING BOX	As Applicable	3500X2600X1740
15	815/0	1011	SHAFT SEALS (EE & TE) & OILCATCHER (INNER & OUTER)	As Applicable	2260X2260X690
16	816/0	738	BAFFLE RING ASSEMBLY	As Applicable	1950X1950X1175
17	817/0	131	GENERATOR ACCESSORIES	As Applicable	1150X1150X350
18	818/0	1002	ARRANGEMENT OF TERMINAL BUSHING COMPONENTS	As Applicable	3410X1800X835
19	819/0	500	GENERATOR ACCESSORIES	As Applicable	1200X1010X400
20	820/0	647	GENERATOR ACCESSORIES	As Applicable	1200X1010X820
21	821/0	57	GENERATOR ACCESSORIES	As Applicable	1700X1210X420
22	822/0	316	PRIMARY WATER TANK	As Applicable	1500X1500X2165
23	823/0	1168	PW TANK PIPE LINES	As Applicable	5000X1800X1665
24	824/0	300	PW TANK PIPE LINES	As Applicable	2750X1400X1565
25	826/0	24572	COOLER HOUSING FRAME	As Applicable	4290X4450X1428
26	827/0	80	SEAL RINGS	As Applicable	820X820X300
27	828/0	374	CONNECTION PIECE ASSEMBLY	As Applicable	1522X1050X500
28	830/0	100	GENERATOR TERMINAL BOXES	As Applicable	2000X1200X600
29	831/0	115	DRY AIR BLOWER	As Applicable	1360X1190X1625
30	833/0	1910	ROTOR INSERTION DEVICES	As Applicable	2460X1170X1350
31	834/0	216	WIRE ROPES FOR ROTOR	As Applicable	1800X1800X410
32	835/0	810	GENERATOR ERECTION DEVICES	As Applicable	3450X1630X790
33	836/0	95	SPECIAL TOOLS AND TACKLES	As Applicable	800X700X428
34	837/0	26930	BRUSHLESS EXCITER SET	As Applicable	5900X2435X2910
35	839/0	392	DRY AIR BLOWER AND ACCESSORIES	As Applicable	1800X1500X1100
36	840/0	1752	EXCITER BED PLATE ACCESSORIES	As Applicable	4500X1200X1200
37	842/0	600	EXCITER ACCESSORIES	As Applicable	2250X1850X600
38	843/0	440	EXCITER FOUNDATION ACCESSORIES	As Applicable	1120X720X740

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

39	844/0	1980	RR WHEEL AIR GUIDE COVER	As Applicable	2300X2090X2020
40	845/0	1824	SEAL OIL STORAGE TANK	As Applicable	5000X1800X2185
41	846/1	3828	PW PUMP AND FILTER UNIT-PART I	As Applicable	4300X2600X3465
42	846/2	1914	PW PUMP AND FILTERUNIT-PART II	As Applicable	4300X2600X3465
43	846/3	454	ION EXCHANGER UNIT	As Applicable	2550X1750X2725
44	848/1	2237	DOUBLE FLOW S.O.U.-PART I	As Applicable	3600X2500X2665
45	848/2	1216	DOUBLE FLOW S.O.U. -PART II	As Applicable	3200X2300X2865
46	848/3	780	DOUBLE FLOW S.O.U. -PART III	As Applicable	3100X1400X2365
47	849/0	328	LIQUID DETECTOR RACK	As Applicable	2500X840X2340
48	850/0	897	GAS UNIT	As Applicable	2550X1750X2725
49	851/0	236	CO2 VAPOURISER	As Applicable	1800X900X880
50	852/0	173	H2 DISTRIBUTOR	As Applicable	3750X1800X840
51	853/0	140	CO2 DISTRIBUTOR	As Applicable	4900X1200X665
52	855/0	89	DRAIN OIL COLLECTOR	As Applicable	2000X550X715
53	856/0	56	RESIN	As Applicable	1200X600X715
54	857/0	1100	TG SYSTEM INTEGRAL PIPING VLV	As Applicable	2200X1900X1100
55	858/0	136	TG SYSTEM INTEGRAL PIPING INST	As Applicable	1000X940X1065
56	859/0	17	CONSUMABLES	As Applicable	1200X600X720
<b>TURBO GENERATOR NET WEIGHT</b>					<b>669180</b>
<b>CONDENSER</b>					
SNO	PKG. NO/SL	NET WT	DESCRIPTION	Quantity	PKG SIZE
1	78001/1	8175	HOTWELL - I (CONDENSER-1)	As Applicable	10400X2700X1450
2	78001/2	7950	HOTWELL - II (CONDENSER-2)	As Applicable	10400X2700X1450
3	78004/1	5567	FRONT END BOTTOM PLATE	As Applicable	7860X2175X1134
4	78004/2	5567	FRONT END BOTTOM PLATE	As Applicable	7860X2175X1134
5	78005/1	3966	REAR END BOTTOM PLATE	As Applicable	7860X1405X1262
6	78005/2	3966	REAR END BOTTOM PLATE	As Applicable	7860X1405X1262
7	78006/1	8170	MIDDLE BOTTOM PLATE-1	As Applicable	7860X3850X1029
8	78006/2	8170	MIDDLE BOTTOM PLATE-1	As Applicable	7860X3850X1029
9	78007/1	8528	MIDDLE BOTTOM PLATE-2	As Applicable	7860X3850X1063
10	78007/2	8528	MIDDLE BOTTOM PLATE-2	As Applicable	7860X3850X1063

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

11	78008/1	8472	MIDDLE BOTTOM PLATE-3	As Applicable	7860X3850X1096
12	78008/2	8472	MIDDLE BOTTOM PLATE-3	As Applicable	7860X3850X1096
13	78010/1	225	BOTTOM PLATE (LOOSE ITEMS)	As Applicable	1000X400X350
14	78010/2	225	BOTTOM PLATE (LOOSE ITEMS)	As Applicable	1000X400X350
15	78014/1	1680	LOOSE ITEMS (COND.SUPPORT)	As Applicable	2600X2000X550
16	78014/2	3050	LOOSE ITEMS (COND. SUPPORT)	As Applicable	4000X2100X800
17	78018/1	1385	LOOSE ITEMS(COND. SUPPORT)	As Applicable	1550X1100X1000
18	78018/2	1385	LOOSE ITEMS(COND SUPPORT)	As Applicable	1550X1100X1000
19	78019/1	3700	LOOSE ITEMS(COND SUPPORT)	As Applicable	1200X1200X900
20	78019/2	3700	LOOSE ITEMS(COND. SUPPORT)	As Applicable	1200X1200X900
21	78021/1	27264	FRONT WATER BOX AND WATERCHAMBER(GEN.SIDE)	As Applicable	6886X4030X3210
22	78021/2	27264	FRONT WATER BOX AND WATERCHAMBER (GEN.SIDE)	As Applicable	6886X4030X3210
23	78024/1	27264	FRONT WATER BOX AND WATERCHAMBER (TUR.SIDE)	As Applicable	6886X4030X3210
24	78024/2	27264	FRONT WATER BOX AND WATERCHAMBER (TUR.SIDE)	As Applicable	6886X4030X3210
25	78027/1	27369	REAR WATER BOX AND WATERCHAMBER (GEN.SIDE)	As Applicable	7014X4030X3210
26	78027/2	32052	REAR WATER BOX AND WATERCHAMBER (GEN.SIDE)	As Applicable	7014X4030X4610
27	78030/1	32052	REAR WATER BOX AND WATERCHAMBER (TUR.SIDE)	As Applicable	7014X4030X4610
28	78030/2	27369	REAR WATER BOX AND WATERCHAMBER (TUR.SIDE)	As Applicable	7014X4030X3210
29	78032/1	2301	SIDE WALL(TUR.END- PLATES)CONDENSER-1	As Applicable	6920X1170X40
30	78032/2	2301	SIDE WALL(TUR.END- PLATES)CONDENSER-2	As Applicable	6920X1170X40
31	78033/1	13475	SIDE WALL(TUR.END- PLATES)CONDENSER-1	As Applicable	6920X2480X100
32	78033/2	13475	SIDE WALL(TUR.END- PLATES)CONDENSER-2	As Applicable	6920X2480X100
33	78034/1	633	SIDE WALL(TUR.END-LOOSE ITEMS)CONDENSER-1	As Applicable	5100X450X350
34	78034/2	633	SIDE WALL(TUR.END-LOOSE ITEMS)CONDENSER-2	As Applicable	5100X450X350
35	78041/1	2301	SIDE WALL(GEN.END- PLATES)CONDENSER-1	As Applicable	6920X1170X40
36	78041/2	2301	SIDE WALL(GEN.END- PLATES)CONDENSER-2	As Applicable	6920X1170X40

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

37	78042/1	13475	SIDE WALL(GEN.END- PLATES)CONDENSER-1	As Applicable	6920X2480X100
38	78042/2	13475	SIDE WALL(GEN.END- PLATES)CONDENSER-2	As Applicable	6920X2480X100
39	78046/1	633	SIDE WALL(GEN.END-LOOSE ITEMS)CONDENSER-1	As Applicable	5100X450X350
40	78046/2	633	SIDE WALL(GEN.END-LOOSE ITEMS)CONDENSER-2	As Applicable	5100X450X350
41	78047/1	5481	SHELL INTERNAL STIFFENING RODS	As Applicable	3616X950X580
42	78047/2	5481	SHELL INTERNAL STIFFENING RODS	As Applicable	3616X950X580
43	78048/1	5481	SHELL INTERNAL STIFFENING RODS	As Applicable	3616X950X580
44	78048/2	5481	SHELL INTERNAL STIFFENING RODS	As Applicable	3616X950X580
45	78049/1	5481	SHELL INTERNAL STIFFENING RODS	As Applicable	3616X950X580
46	78049/2	5481	SHELL INTERNAL STIFFENING RODS	As Applicable	3616X950X580
47	78050/1	5481	SHELL INTERNAL STIFFENING RODS	As Applicable	3616X950X580
48	78050/2	5481	SHELL INTERNAL STIFFENING RODS	As Applicable	3616X950X580
49	78051/1	5220	SHELL INTERNAL STIFFENING RODS	As Applicable	3616X950X580
50	78051/2	5220	SHELL INTERNAL STIFFENING RODS	As Applicable	3616X950X580
51	78052/1	5220	SHELL INTERNAL STIFFENING RODS	As Applicable	3616X950X580
52	78052/2	5220	SHELL INTERNAL STIFFENING RODS	As Applicable	3616X950X580
53	78053/1	5220	SHELL INTERNAL STIFFENING RODS	As Applicable	3616X950X580
54	78053/2	5220	SHELL INTERNAL STIFFENING RODS	As Applicable	3616X950X580
55	78054/1	1370	SHELL INTERNAL STIFFENING RODS	As Applicable	1000X700X700
56	78054/2	1370	SHELL INTERNAL STIFFENING RODS	As Applicable	1000X700X700
57	78055/1	802	SHELL INTERNAL STIFFENING RODS	As Applicable	3700X500X500
58	78055/2	802	SHELL INTERNAL STIFFENING RODS	As Applicable	3700X500X500
59	78056/1	802	SHELL INTERNAL STIFFENING RODS	As Applicable	3700X500X500
60	78056/2	802	SHELL INTERNAL STIFFENING RODS	As Applicable	3700X500X500
61	78057/1	792	SHELL INTERNAL STIFFENING RODS	As Applicable	3700X500X500
62	78057/2	792	SHELL INTERNAL STIFFENING RODS	As Applicable	3700X500X500

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

63	78058/1	1616	AIR EXTRACTION PIPINGCONDENSER- 1	As Applicable	6300X1000X800
64	78058/2	1616	AIR EXTRACTION PIPINGCONDENSER- 2	As Applicable	6300X1000X800
65	78059/1	5808	TUBE SUPPORT PLATE	As Applicable	5800X3820X400
66	78059/2	5808	TUBE SUPPORT PLATE	As Applicable	5800X3820X400
67	78060/1	5808	TUBE SUPPORT PLATE	As Applicable	5800X3820X400
68	78060/2	5808	TUBE SUPPORT PLATE	As Applicable	5800X3820X400
69	78061/1	5808	TUBE SUPPORT PLATE	As Applicable	5800X3820X400
70	78061/2	5808	TUBE SUPPORT PLATE	As Applicable	5800X3820X400
71	78062/1	5808	TUBE SUPPORT PLATE	As Applicable	5800X3820X400
72	78062/2	5808	TUBE SUPPORT PLATE	As Applicable	5800X3820X400
73	78063/1	5808	TUBE SUPPORT PLATE	As Applicable	5800X3820X400
74	78063/2	5808	TUBE SUPPORT PLATE	As Applicable	5800X3820X400
75	78064/1	5808	TUBE SUPPORT PLATE	As Applicable	5800X3820X400
76	78064/2	5808	TUBE SUPPORT PLATE	As Applicable	5800X3820X400
77	78065/1	4356	TUBE SUPPORT PLATE	As Applicable	5800X3820X400
78	78065/2	4356	TUBE SUPPORT PLATE	As Applicable	5800X3820X400
79	78066/1	4356	TUBE SUPPORT PLATE	As Applicable	5800X3820X400
80	78066/2	4356	TUBE SUPPORT PLATE	As Applicable	5800X3820X400
81	78067/1	4356	TUBE SUPPORT PLATE	As Applicable	5800X3820X400
82	78067/2	4356	TUBE SUPPORT PLATE	As Applicable	5800X3820X400
83	78068/1	4356	TUBE SUPPORT PLATE	As Applicable	5800X3820X400
84	78068/2	4356	TUBE SUPPORT PLATE	As Applicable	5800X3820X400
85	78069/1	3240	SHELL INTERNAL DETAILS	As Applicable	1700X900X1100
86	78069/2	3240	SHELL INTERNAL DETAILS	As Applicable	1700X900X1100
87	78070/1	4615	SHELL INTERNAL DETAILS	As Applicable	6000X900X900
88	78070/2	4615	SHELL INTERNAL DETAILS	As Applicable	6000X900X900

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

89	78071/1	2685	SHELL INTERNAL DETAILS	As Applicable	1300X1200X600
90	78071/2	2685	SHELL INTERNAL DETAILS	As Applicable	1300X1200X600
91	78072/1	1145	SHELL INTERNAL DETAILS	As Applicable	1200X1200X900
92	78072/2	1145	SHELL INTERNAL DETAILS	As Applicable	1200X1200X900
93	78074/1	11319	LOWER DOME WALL(TS)(CONDENSER-1)	As Applicable	10100X3800X350
94	78074/2	3935	LOWER DOME WALL(TS)(CONDENSER-2)	As Applicable	7249X1897X300
95	78075/1	6396	LOWER DOME WALL(TS)(CONDENSER-1)	As Applicable	10760X2220X300
96	78075/2	3947	LOWER DOME WALL(TS)(CONDENSER-2)	As Applicable	7315X1897X500
97	78076/1	1556	LOWER DOME WALL(TS)CONDENSER- 1	As Applicable	2350X3700X300
98	78076/2	8223	LOWER DOME WALL(TS)CONDENSER- 2	As Applicable	12730X3400X750
99	78077/1	1591	LOWER DOME WALL(TS)CONDENSER- 1	As Applicable	2250X3686X300
100	78077/2	4842	LOWER DOME WALL(TS)CONDENSER- 2	As Applicable	10295X1875X650
101	78078/1	640	LOWER DOME WALL (TS)CONDENSER-1	As Applicable	8500X300X50
102	78078/2	644	LOOSE ITEMS (LOWER DOME WALLS) CONDENSER-2	As Applicable	8488X300X150
103	78079/2	232	LOWER DOME WALL(TS)CONDENSER- 2	As Applicable	700X400X500
104	78101/1	645	LOWER DOME WALL ( GS)CONDENSER-1	As Applicable	8475X300X150
105	78101/2	11563	LOWER DOME WALL ( GS)CONDENSER-2	As Applicable	10000X3900X300
106	78102/1	7647	LOWER DOME WALL ( GS)CONDENSER-1	As Applicable	10805X3000X700
107	78102/2	6396	LOWER DOME WALL (GS)CONDENSER-2	As Applicable	10760X2220X300
108	78103/1	7532	LOWER DOME WALL (GS)CONDENSER-1	As Applicable	12796X2700X600
109	78103/2	1556	LOWER DOME WALL (GS)CONDENSER-2	As Applicable	2350X3700X300
110	78104/1	3802	LOWER DOME WALL(GS)CONDENSER- 1	As Applicable	7315X1826X300
111	78104/2	1637	LOWER DOME WALL(GS)CONDENSER- 2	As Applicable	2315X3686X300
112	78105/1	3808	LOWER DOME WALL(GS)CONDENSER-1	As Applicable	7250X1826X600
113	78105/2	640	LOWER DOME WALL (GS)CONDENSER-2	As Applicable	8492X300X50
114	78106/1	1230	LOWER DOME WALL (GEN SIDE)CONDENSER-1	As Applicable	2600X1400X1050

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

115	78106/2	11	LOWER DOME WALL (GEN SIDE)CONDENSER-2	As Applicable	700X700X700
116	78107/1	381	LOOSE ITEM L D WALL (FWB)CONDENSER-1	As Applicable	7000X250X100
117	78107/2	381	LOOSE ITEM L D WALL (FWB)CONDENSER-2	As Applicable	7000X250X100
118	78108/1	4434	LOWER DOME WALL(FWB)CONDENSER-1	As Applicable	7960X1574X700
119	78108/2	3943	LOWER DOME WALL ( FWB)CONDENSER-2	As Applicable	7960X1574X700
120	78109/1	3635	LOWER DOME WALL (FWB)CONDENSER-1	As Applicable	7470X2300X650
121	78109/2	4386	LOWER DOME WALL (FWB)CONDENSER-2	As Applicable	7500X2500X700
122	78110/1	5115	LOWER DOME WALL(FWB)CONDENSER-1	As Applicable	6870X2500X300
123	78110/2	5115	LOWER DOME WALL (FWB)CONDENSER-2	As Applicable	6870X2500X300
124	78111/1	1754	LOWER DOME WALL (FWB)CONDENSER-1	As Applicable	6070X1400X500
125	78111/2	1759	LOWER DOME WALL (FWB)CONDENSER-2	As Applicable	6070X1300X500
126	78112/1	493	LOOSE ITEMSLOWER DOME WALL (FWB) COND.-1	As Applicable	2700X1600X600
127	78112/2	484	LOOSE ITEMSLOWER DOME WALL (FWB) COND.-2	As Applicable	2700X1600X600
128	78113/1	3600	LOWER DOME WALL(RWB)(CONDENSER-1)	As Applicable	7970X1780X700
129	78113/2	3722	LOWER DOME WALL(RWB)(CONDENSER-2)	As Applicable	7960X1780X300
130	78114/1	4494	LOWER DOME WALL(RWB)(CONDENSER-1)	As Applicable	7396X2500X1425
131	78114/2	4472	LOWER DOME WALL(RWB)(CONDENSER-2)	As Applicable	7396X2700X1500
132	78115/1	4776	LOWER DOME WALL(RWB)CONDENSER-1	As Applicable	6598X3200X700
133	78115/2	4767	LOWER DOME WALL(RWB)CONDENSER-2	As Applicable	6598X3200X700
134	78116/1	583	LOWER DOME WALL(RWB)CONDENSER-1	As Applicable	5800X400X250
135	78116/2	583	LOWER DOME WALL(RWB)CONDENSER-2	As Applicable	5864X400X250
136	78117/1	1725	LOWER DOME WALL(RWB)CONDENSER-1	As Applicable	7800X1600X600
137	78117/2	1920	LOWER DOME WALL(RWB)CONDENSER-2	As Applicable	7800X1600X600
138	78118/1	880	LOOSE ITEMSLOWER DOME WALL (RWB) COND.-1	As Applicable	2100X2100X1800
139	78118/2	880	LOOSE ITEMSLOWER DOME WALL (RWB) COND.-2	As Applicable	2100X2100X1800
140	78121/1	5856	DOME INTERNAL STIFFENINGCONDNSER-1	As Applicable	5500X2300X1100

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

141	78121/2	4404	DOME INTERNAL STIFFENINGCONDENSER-2	As Applicable	5500X2300X1100
142	78122/1	3223	DOME INTERNAL STIFFENINGCONDENSER-1	As Applicable	5800X550X1050
143	78122/2	2918	DOME INTERNAL STIFFENINGCONDENSER-2	As Applicable	2700X1300X1200
144	78123/1	348	DOME INTERNAL STIFFENINGCONDENSER-1	As Applicable	1500X700X600
145	78123/2	1085	DOME INTERNAL STIFFENINGCONDENSER-2	As Applicable	2200X800X550
146	78124/1	3000	DOME INTERNAL STIFFENINGCONDENSER-1	As Applicable	2700X1300X1200
147	78124/2	1170	DOME INTERNAL STIFFENINGCONDENSER-2	As Applicable	5300X450X250
148	78125/1	383	DOME INTERNAL STIFFENINGCONDENSER-1	As Applicable	900X600X500
149	78125/2	1778	DOME INTERNAL STIFFENINGCONDENSER-2	As Applicable	5800X700X700
150	78126/1	5576	DOME INTERNAL STIFFENINGCONDENSER-1	As Applicable	3200X1300X1600
151	78126/2	4177	DOME INTERNAL STIFFENINGCONDENSER-2	As Applicable	3100X1500X1600
152	78127/1	4303	LOOSE ITEMS DOME INTERNALSTIFFENING COND.-1	As Applicable	3500X1600X1200
153	78127/2	6828	LOOSE ITEMS DOME INTERNALSTIFFENING COND.-2	As Applicable	3150X1500X1600
154	78129/1	745	LP HEATER SUPPORT ARRANGEMENTLOOSE ITEMS	As Applicable	1200X800X800
155	78129/2	745	LP HEATER SUPPORT ARRANGEMENTLOOSE ITEMS	As Applicable	1200X800X800
156	78130/1	2505	LP HEATER SUPPORT ARRANGEMENTLOOSE ITEMS	As Applicable	7750X1100X700
157	78130/2	2505	LP HEATER SUPPORT ARRANGEMENTLOOSE ITEMS	As Applicable	7750X1100X700
158	78132/1	1570	UPPER DOME WALL (TURBINE SIDE)CONDENSER-1	As Applicable	5755X710X300
159	78132/2	2220	UPPER DOME WALL (TURBINE SIDE)CONDENSER-2	As Applicable	8232X710X300
160	78133/1	1570	UPPER DOME WALL(GEN SIDE)CONDENSER-1	As Applicable	5755X710X300
161	78133/2	2220	UPPER DOME WALL(GEN SIDE)CONDENSER-2	As Applicable	8232X710X300
162	78136/1	1570	UPPER DOME WALL (FWB)CONDENSER-1	As Applicable	5755X700X300
163	78136/2	1570	UPPER DOME WALL (FWB)CONDENSER-2	As Applicable	5755X700X300
164	78137/1	2220	UPPER DOME WALL(RWB)CONDENSER-1	As Applicable	8232X710X300
165	78137/2	2220	UPPER DOME WALL(RWB)CONDENSER-2	As Applicable	8232X710X300
166	78142/1	6346	FRONT W/BOX HINGE ARRANGEMENT	As Applicable	2200X900X1200

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

167	78142/2	1852	FRONT W/BOX HINGE ARRANGEMENT	As Applicable	2350X900X650
168	78143/1	2948	REAR W/BOX HINGE ARRANGEMENT	As Applicable	1800X900X1200
169	78143/2	1308	REAR W/BOX HINGE ARRANGEMENT	As Applicable	1900X900X650
170	78144/1	318	FRONT W/BOX HINGE ARRANGEMENT	As Applicable	850X850X600
171	78144/2	318	FRONT W/BOX HINGE ARRANGEMENT	As Applicable	850X850X600
172	78145/1	318	REAR W/BOX HINGE ARRANGEMENT	As Applicable	850X850X600
173	78145/2	318	REAR W/BOX HINGE ARRANGEMENT	As Applicable	850X850X600
174	78146/1	552	FRONT W/BOX HINGE ARRANGEMENT	As Applicable	2400X650X400
175	78146/2	552	FRONT W/BOX HINGE ARRANGEMENT	As Applicable	2400X650X400
176	78147/1	552	REAR W/BOX HINGE ARRANGEMENT	As Applicable	2400X650X400
177	78147/2	552	REAR W/BOX HINGE ARRANGEMENT	As Applicable	2400X650X400
178	78150/1	890	FRONT W/BOX HINGE ARRANGEMENT	As Applicable	1495X1140X400
179	78150/2	890	FRONT W/BOX HINGE ARRANGEMENT	As Applicable	1495X1140X400
180	78151/1	890	REAR W/BOX HINGE ARRANGEMENT	As Applicable	1495X1140X400
181	78151/2	890	REAR W/BOX HINGE ARRANGEMENT	As Applicable	1495X1140X400
182	78157/1	396	CONDENSER (LOOSE ITEMS)	As Applicable	1050X1050X1150
183	78157/2	396	CONDENSER (LOOSE ITEMS)	As Applicable	1050X1050X1150
184	78158/1	80	COND. LOOSE ITEMS (RUBBER CORD FOR BOTH CONDENSER)	As Applicable	1000X700X700
185	78158/2	80	COND. LOOSE ITEMS (RUBBER CORD FOR BOTH CONDENSER)	As Applicable	1000X700X700
186	78159/1	2300	FASTENERS (CONDENSER)	As Applicable	1500X1300X1000
187	78159/2	2300	FASTENERS (CONDENSER)	As Applicable	1500X1300X1000
188	78165/1	1860	CONDENSER LOOSE ITEMS	As Applicable	6300X900X600
189	78165/2	48	CONDENSER LOOSE ITEMS	As Applicable	550X550X250
190	78166/0	195	CONDENSER STAND PIPE NO.1 LOOSE ITEMS FOR(FOR BOTH COND)	As Applicable	3200X500X500
191	78167/1	354	STAND PIPE NO.1(CONDENSER 1&2)	As Applicable	3700X1000X600
192	78167/2	354	STAND PIPE NO.2(CONDENSER 1&2)	As Applicable	3700X1000X600

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193	78169/0	194	CONDENSER STAND PIPES NO.2 LOOSE ITEMS FOR(FOR BOTH COND)	As Applicable	3200X500X500
194	78175/1	82	CONDENSER INSTRUMENTATION	As Applicable	1500X800X800
195	78175/2	82	CONDENSER INSTRUMENTATION	As Applicable	1500X800X800
196	78176/1	655	CONDENSER INSTRUMENTATION	As Applicable	1500X1300X700
197	78176/2	655	CONDENSER INSTRUMENTATION	As Applicable	1500X1300X700
198	78301/0	1510	GLAND STEAM CONDENSER	As Applicable	1750X1700X1700
199	78304/0	34	LOOSE ITEMS OF GSC	As Applicable	800X450X350
200	78305/0	10	LOOSE ITEMS OF GSC (FRAGILE)	As Applicable	700X600X500
201	78315/1	39210	DUPLEX LP HEATER(CONDENSER-1)	As Applicable	17000X2200X2300
202	78315/2	39210	DUPLEX LP HEATER(CONDENSER-2)	As Applicable	17000X2200X2300
203	78316/1	100	DUPLEX LPH STAND PIPE(CONDENSER-1)	As Applicable	1800X900X600
204	78316/2	100	DUPLEX LPH STAND PIPE(CONDENSER-2)	As Applicable	1800X900X600
205	78317/1	73	DUPLEX LP HEATER LOOSE ITEMS(CONDENSER-1)	As Applicable	2000X2000X250
206	78317/2	73	DUPLEX LP HEATER LOOSE ITEMS(CONDENSER-2)	As Applicable	2000X2000X250
207	78318/1	265	DUPLEX LPH INSTRUMENTATIONFRAGILE(CONDE NSER-1)	As Applicable	800X600X600
208	78318/2	265	DUPLEX LPH INSTRUMENTATIONFRAGILE(CONDE NSER-2)	As Applicable	800X600X600
209	78319/1	250	DUPLEX LPH INSTRUMENTATIONNON -FRAGILE(CONDENSER-1)	As Applicable	2100X600X800
210	78319/2	250	DUPLEX LPH INSTRUMENTATIONNON -FRAGILE(CONDENSER-2)	As Applicable	2100X600X800
211	78320/1	332	TROLLEY FOR DUPLEX LP HEATER(CONDENSER-1)	As Applicable	1350X800X200
212	78320/2	332	TROLLEY FOR DUPLEX LP HEATER(CONDENSER-2)	As Applicable	1350X800X200
213	78424/0	4155	HYDROGEN COOLER	As Applicable	5200X1270X1300
214	78425/0	4155	HYDROGEN COOLER	As Applicable	5200X1270X1300
215	78428/0	800	LOOSE ITEMS (HYDROGEN COOLER)	As Applicable	1270X1150X600
216	78431/0	1070	EXCITER AIR COOLER	As Applicable	3450X900X760
217	78432/0	1070	EXCITER AIR COOLER	As Applicable	3450X900X760

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

						CONDENSER NET WEIGHT	951833
<b>HEAT EXCHANGERS AND ASSOCIATED ACCESSORIES</b>							
SNO	PKG. NO/SL	NET WT	DESCRIPTION	Quantity	PKG SIZE		
1	17505576	67,000	HP HEATER-6A ASSEMBLY(YADADRI 5X800MW)	1.000	NA		
2	17507285	67,000	HP HEATER-6B ASSEMBLY(YADADRI 5X800MW)	1.000	NA		
3	17509305	99,200	HP HEATER-7A ASSEMBLY	1.000	NA		
4	17510305	99,200	HP HEATER-7B ASSEMBLY	1.000	NA		
5	17511299	81,900	H.P.HEATER-8A ASSLY	1.000	NA		
6	17512299	81,900	H.P.HEATER-8B ASSLY	1.000	NA		
7	17521199	21,100	DESUPERHEATER FOR HPH-6A ASSEMBLY	1.000	NA		
8	17522199	21,100	DESUPERHEATER FOR HPH-6B ASSEMBLY	1.000	NA		
9	16226522	33,900	L.P.HEATER-3 ASSEMBLY	1.000	NA		
10	16231259	27,315	L.P.HEATER-4 ASSEMBLY	1.000	NA		
11	16231259	65,000	Heater Accessories (stand pipes, valves etc)	1.000	NA		
12	16311002	51,873	DEAERATOR ST. TANK ASSLY. (SEC-I)	1.000	NA		
13	16312002	47,407	DEAERATOR ST. TANK ASSLY. (SEC-II)	1.000	NA		
14	16313002	50,551	DEAERATOR ST. TANK ASSLY. (SEC-III)	1.000	NA		
15	16316002	3,24,000	DEAERATOR HEATER ASSLY and Accessories	1.000	NA		
16	16201129	13,000	DRAINCOOLER ASSEMBLY OF YADADRI 5X800 MW	1.000	NA		
<b>HEAT EXCHANGERS NET WEIGHT</b>						1151446	
<b>PUMPS (CW, CEP and BFPS)</b>							
SNO	PKG. NO/SL	NET WT	DESCRIPTION	Quantity	PKG SIZE		
1		1,45,000	ASSEMBLED TURBINE TDBFP and Accessories	1	NA		
2		1,45,000	ASSEMBLED TURBINE TDBFP and Accessories	1	NA		
19		25,000	TDBFP LUBE OIL SYSTEM ALONG WITH ALL ACCESSORIES	1	NA		
20		25,000	TDBFP LUBE OIL SYSTEM ALONG WITH ALL ACCESSORIES	1	NA		
21		2,000	EOP ASSEMBLY	1	NA		
22	18035002	20,000	BFP HYD COUPLING WITH ACCS-800MW	1	NA		
23	18035003	4,000	HC WORKING OIL VISCOSITY GR:32 ISO VG32	4,000	NA		
24	18035004	9,650	HC WORKING OIL VISCOSITY GR:32 ISO VG32	9,650	NA		
25	18910001	16,000	BP SKID ASSLY, MLC 450X350H-TD	1	NA		
26	18910001	16,000	BP SKID ASSLY, MLC 450X350H-TD	1	NA		
27	18910001	16,000	BP SKID ASSLY, MLC 450X350H-TD	1	NA		
28	18010001	29,000	BFP SKID ASSY	1	NA		
29	18010001	29,000	BFP SKID ASSY	1	NA		
30	18010001	29,000	BFP SKID ASSY	1	NA		
31	18111001	10,000	CEP ASSEMBLY 144RND-PV-800 (BHEL)	1	NA		
32	18111001	10,000	CEP ASSEMBLY 144RND-PV-800 (BHEL)	1	NA		

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

33	18111001	10,000	CEP ASSEMBLY 144RND-PV-800 (BHEL)	1	NA
34	18111001	3,500	DRIP PUMP (EN8H32M-1D)ASSY (SS IM, MSEAL	1	NA
35	18111001	3,500	DRIP PUMP (EN8H32M-1D)ASSY (SS IM, MSEAL	1	NA
36	na	45000	Miscellaneous Items	1	NA
<b>PUMPS NET WEIGHT</b>					<b>6,15,150</b>
<b>PEM SHIPING LIST</b>					
<b>DOSING SYSTEMS</b>					
SI No.	PGMA	Weight	Description	Quantity	Dimensions
1	NA	5,100	Hydrazine Dosing system	1.000	5500X3000X4500
2	NA	4,500	Ammonia Dosing system	1.000	5500X3000X4500
3	NA	1,000	NaOH Dosing System	1.000	3000X3000X3000
4	NA	800	Oxygen Dosing system	2.000	3000X600X1500
<b>DOSING SYSTEMS NET WEIGHT</b>					<b>11,400</b>
<b>ELECTRIC HOISTS</b>					
SI No.	Capacity	Weight	Description	Quantity	TYPE
1	5 MT	800	VACUUM PUMP MOTOR HANDLING AT EL:0.0M AB-BAY (LHS) of Individual Unit	1	EH
2	5 MT	800	VACUUM PUMP MOTOR HANDLING AT EL:0.0M AB-BAY (RHS) of Individual Unit	1	EH
3	5 MT	800	SCS HANDLING AT EL:0.0M AB-BAY of Individual Unit	1	EH
4	15 MT	3000	CW BFP HANDLING CW PIT AB-BAY of Individual Unit	1	EH
5	5 MT	800	DMCW PUMPS (TG & SG) AT EL:0.0M AB-BAY of Individual Unit	1	EH
6	5 MT	800	DRIP PUMP of Individual Unit	1	EH
7	3 MT	300	DM Transfer Pump House	1	EH
8	1 MT	200	Lube oil unloading of individual Unit	1	EH
<b>ELECTRIC HOISTS NET WEIGHT</b>					<b>10,100</b>
<b>CHAIN PULLEY BLOCKS</b>					
SI No.	Capacity	Weight (Unit)	Description	Quantity	TYPE
1	2 MT	320	TDBFP OIL COOLER TUBE BUNDLE HANDLING AT EL:0.0M of Individual Unit	4	CPB + TT
2	2 MT	100	General Purpose	15	CPB
<b>CHAIN PULLEY BLOCKS NET WEIGHT</b>					<b>450</b>
<b>Miscellaneous PUMPS and BOI Items And Other Miscellaneous Items</b>					
SI No.	PGMA	Weight	Description	Quantity	Dimensions
1	BT001	--	LIFTING BEAM	1	NA
2	BT006	--	BUTTERFLY VALVES	1	NA
3	BT009	--	NRV WITH ALUMINIUM FLAP	2	NA
4	BT011	--	OIL PURIFICATION UNIT	1	NA
5	BT014	--	SPRAY NOZZLES	1	NA
6	BT015	--	DIRT CATCHERS	1	NA
7	BT016	--	DAMPER	1	NA
8	BT017	--	VARIABLE LOAD SPRING CAGES	1	NA
9	BT020	--	THERMAL INSULATION OF TURBINE	1	NA

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

10	BT021	--	THERMAL INSULATION OF TIP	1	NA
11	BT023	--	TURBINE OIL	1	NA
12	BT024	--	DRY AIR PRESERVATION SYSTEM	1	NA
13	BT025	--	OIL PURIFICATION SYSTEM (CENTR	1	NA
14	BT026	--	GROUP CABLES	1	NA
15	BT027	--	TURBINE INTEGRAL PIPING	1	NA
16	BT028	--	H & S FOR TURBINE INTEGRAL PIP	1	NA
17	BT029	--	CALIBRATED FLOW NOZZLE ASSLY.	1	NA
18	BT043	--	CONTROL FLUID (FRF)	1	NA
19	BT046	--	LP BYPASS STOP & CONTROL VALVE	1	NA
20	BT054	--	STEAM TRAP	1	NA
21	BT065	--	GEAR PUMP (LUB. OIL RECIRCULAT	1	NA
22	BT068	--	POWER CABLES FOR 24 V SOLENOID	1	NA
23	BT071	--	LEVEL INDICATORS FOR OIL TANKS	1	NA
24	BT074	--	VACUUM BREAKER VALVE WITH PNEU	2	NA
25	BT081	--	HPT STEAM EVACUATION VALVE	1	NA
26	BT096	--	OIL MODULE	1	NA
27	BT097	--	OIL THROTTLE VALVES	1	NA
28	BT104	--	SEAL STEAM CONTROL VALVE WITH	1	NA
29	BT105	--	LEAK STEAM CONTROL VALVE WITH	1	NA
30	BT106	--	TURBINE INSTRUMENT RACKS	1	NA
31	BT107	--	PNEUMATIC GLOBE VALVE	1	NA
32	BT110	--	HYDRAULIC POWER SUPPLY UNIT FO	1	NA
33	BT111	--	ELECTRO-HYDRAULIC ACTUATORS FO	1	NA
34	BT149	--	BAR PROBE WITH AMPLIFIER	1	NA
35	BT150	--	CALIBRATION JIG	1	NA
36	BG001	--	EMPTY H2 CYLINDER	200	NA
37	BG002	--	EMPTY CO2 CYLINDER	90	NA
38	BG003	--	EMPTY N2 CYLINDER	12	NA
39	BG007	--	VAPOUR EXHAUSTER	2	NA
40	BG011	--	REFRIGERATION GAS DRYER	2	NA
41	BG080	--	STROBOSCOPE	1	NA
42	BG082	--	HYDRAULIC UNIT ASSEMBLY	1	NA
43	BG090	--	GENERATOR INTEGRAL PIPING	1	NA
44	BG091	--	HYDROGEN COOLERS PIPING	1	NA
45	BG098	--	EXCITER COVER COMPLETE WITH FA	1	NA
46	BH010	--	CONDENSOR AIR EVACUATION PACKA	4	NA
47	BH012	--	AIR EXHAUSTER WITH MOTOR	2	NA
48	BH022	--	MULTI BALL BEARING SUPPORT FOR	1	NA
49	BH029	--	WELDED AUSTENITIC S.S. TUBES G	1	NA
50	BG005	--	MOISTURE MEASURING SYSTEM	1	NA
51	BG008	--	MOTORISED TEMPERATURE CONTROL	1	NA
52	BG009	--	H2 GAS ANALYSER CABINET	2	NA
53	BG018	--	STARTING RESISTOR FOR DC S.O MOTOR	1	NA
54	BG066	--	GENERATOR END WINDING VIBRATIO	1	NA
55	BG092	--	PW TEMPERATURE CONTROL VALVE	1	NA

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

56	BT094	--	DC STARTERS & INSTRUMENTATION	1	NA
58	NA	7500	DMCW-TG PUMPS (HORIZONTAL) of individual Unit	3	3500MM X 1500MM
59	NA	6000	DMCW-SG PUMPS (HORIZONTAL) of individual Unit	2	3500MM X 2000MM
67	NA	1000	SCS	4	2500MM X 1500MM
68	NA	10000	PHEs-TG	6	5000mm x 2500mm
69	NA	10000	PHEs-SG	4	5000mm x 2500mm
71	NA	500	CONICAL STRAINERS (600NB)	6	L= 2000MM; DIA=500NB
72	NA	300	CONICAL STRAINERS (350NB)	6	L= 2000MM; DIA=350NB
73	NA	200	CONICAL STRAINERS (150NB)	4	L= 2000MM; DIA=350NB
74	NA	6000	COLTCS	4	5000MM x 3000MM
75	NA	63500	Miscellaneous Items (Platforms, Ladders, etc)	1	--
<b>Miscellaneous PUMPS and BOI Items And Other Miscellaneous Items NET WEIGHT</b>					<b>1,32,900</b>
<b>TANKS</b>					
SI No.	PGMA	Weight	Description	Quantity	Dimensions
1	NA	6000	Flash Tank A	1	5100 x 3500 x 3500
2	NA	6000	Flash Tank B	1	5100 x 3500 x 3500
3	NA	1700	Unit Flash Tank	1	5100 x 3500 x 3500
4	NA	1000	Clean Oil Tank	1	6050L X 3050 W X 4000H
5	NA	1000	Dirty Oil Tank	1	6050L X 3050 W X 4000H
6	NA	100	Oil Unloading Vessel	1	2250 L X 1200 W 900 H
7	NA	2000	DMCW Tank	1	7150 L X 2000W X 2500 H
<b>TANKS NET WEIGHT</b>					<b>17,800</b>
<b>RE JOINTS</b>					
SI No.	PGMA	Weight	Description	Quantity	Dimensions
1	NA	23200	RE Joints Inlet	2	4200 X3300 X 5650
2	NA	23000	Re Joints Outlet	2	3500 X 3300 X 5750
<b>RE JOINTS NET WEIGHT</b>					<b>46,200</b>
<b>CW PIPING</b>					
SI No.	PGMA	Weight	Description	Quantity	Dimensions
1	80-468	7000	PIPE OD 2743 MM X 20 MM	100	2743 X 20
2	80-468	15000	Bends	10	2743 X 20
3	80-468	10000	Hangers and Supports	10	--
<b>CW PIPING NET WEIGHT</b>					<b>32,000</b>

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

## PACKAGE-B

SHIPPING LIST UNIT#4					
TURBINE AND ACCESSORIES UNIT#4					
SNO	PKG. NO/SL	NET WT	DESCRIPTION	Quantity	PKG SIZE
1	75001/1	1116	ARRANGE.OF EMBED(ANCHOR POINT)ARRANGE.OF EMBED(ANCHOR POINT)	As Applicable	3100X900X800
2	75001/2	1156	ARRANGE.OF EMBED(ANCHOR POINT)ARRANGE.OF EMBED(ANCHOR POINT)	As Applicable	2700X700X800
3	75001/3	2336	ARRANGE.OF EMBED(ANCHOR POINT)ARRANGE.OF EMBED(ANCHOR POINT)	As Applicable	1800X1250X1100
4	75001/4	1276	ARRANGE.OF EMBED(ANCHOR POINT)- ANCHOR BOX TYPE-A	As Applicable	2500X900X800
5	75001/5	851	ARRANGE.OF EMBED(ANCHOR POINT)ARRANGE.OF EMBED(ANCHOR POINT)	As Applicable	1700X900X800
6	75001/6	1903	ARRANGE.OF EMBED(ANCHOR POINT)ARRANGE.OF EMBED(ANCHOR POINT)	As Applicable	3500X1250X800
7	75001/7	641	ARRANGE.OF EMBED(ANCHOR POINT)- EMBED.FOR LPC GUIDE BOLT	As Applicable	1300X1250X1100
8	75001/8	646	ARRANGE.OF EMBED(ANCHOR POINT)- EMBED.FOR LPC GUIDE BOLT	As Applicable	1300X1350X1100
9	75001/9	1060	ARRANGE.OF EMBED(ANCHOR POINT)- LOOSE ITEMS	As Applicable	1000X1000X650
10	75001/10	676	ARRANGE.OF EMBED(ANCHOR POINT)- ANCHOR RODS/NUTS (L=3000)	As Applicable	1300X1250X1100
11	75001/11	3770	ARRANGE.OF EMBED(ANCHOR POINT)ARRANGE.OF EMBED(ANCHOR POINT)	As Applicable	3500X1200X1000
12	75003/1	989	BASE PLATE ASSEMBLY	As Applicable	1550X900X900
13	75003/2	267	BASE PLATE ASSEMBLYBASE PLATE ASSEMBLY	As Applicable	800X800X800
14	75004/0	5160	BASE PLATE ASSEMBLY	As Applicable	2800X1600X600
15	75102/1	14150	LP CASING UPPER PART	As Applicable	8600X3000X3000
16	75102/2	14150	LP CASING UPPER PART	As Applicable	8600X3000X3000
17	75103/1	13950	LP CASING UPPER PART	As Applicable	8600X3000X3000
18	75103/2	13950	LP CASING UPPER PART	As Applicable	8600X3000X3000
19	75104/0	1060	RUPTURE DIAPHRAGM ASSEMBLY	As Applicable	2150X1350X1900
20	75107/1	7900	LP CASING SIDE WALL (LEFT)	As Applicable	6000X5500X200
21	75107/2	7900	LP CASING SIDE WALL (LEFT)	As Applicable	6000X5500X200
22	75108/1	7900	LP CASING SIDE WALL (RIGHT)	As Applicable	6000X5500X200
23	75108/2	7900	LP CASING SIDE WALL (RIGHT)	As Applicable	6000X5500X200

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

24	75109/1	15500	LP FRONT WALL (TS)	As Applicable	8560X5000X1000
25	75109/2	15500	LP FRONT WALL (TS)	As Applicable	8560X5000X1000
26	75110/1	17000	LP FRONT WALL (GS)	As Applicable	8560X5000X1000
27	75110/2	15500	LP FRONT WALL (GS)	As Applicable	8560X5000X1000
28	75111/1	744	LP SHAFT SEAL CASING - TS	As Applicable	2000X1650X750
29	75111/2	744	LP SHAFT SEAL CASING - TS	As Applicable	2000X1650X750
30	75112/1	744	LP SHAFT SEAL CASING - GS	As Applicable	2000X1650X750
31	75112/2	744	LP SHAFT SEAL CASING - GS	As Applicable	2000X1650X750
32	75113/1	1104	LP SHAFT SEAL COMPENSATOR (TS)	As Applicable	2800X2800X800
33	75113/2	1104	LP SHAFT SEAL COMPENSATOR (TS)	As Applicable	2800X2800X800
34	75114/1	1104	LP SHAFT SEAL COMPENSATOR (GS)	As Applicable	2800X2800X800
35	75114/2	1104	LP SHAFT SEAL COMPENSATOR (GS)	As Applicable	2800X2800X800
36	75115/0	1452	GRATING COVERING FOR LP	As Applicable	1800X500X500
37	75116/1	6648	CASING FRAME SECTION	As Applicable	8200X4900X250
38	75116/2	6648	CASING FRAME SECTION	As Applicable	8200X4900X250
39	75116/3	7501	CASING FRAME SECTION	As Applicable	2400X1600X1200
40	75116/4	4822	CASING FRAME SECTION	As Applicable	2550X900X900
41	75201/0	10600	HP/IP BEARING PEDESTAL	As Applicable	4000X1800X2100
42	75202/0	250	HP/IP BEARING PEDESTAL (PARTS)	As Applicable	1000X600X600
43	75319/4	50	SPARES OF BLOWOUT & HYDRAULIC TEST DEVICE	As Applicable	1400X1400X400
44	75401/0	18201	IP-LP BEARING PEDESTAL ASSLYIP-LP BEARING PEDESTAL ASSLY	As Applicable	7100X1900X2400
45	75402/0	1000	BEARING PEDESTAL (PARTS)	As Applicable	2500X1000X600
46	75501/0	18501	LP/GEN. PEDESTAL ASSEMBLY	As Applicable	7100X1800X2400
47	75502/0	569	BEARING PEDESTAL (PARTS)	As Applicable	1000X1000X650
48	75503/0	20000	LP/LP PEDESTAL ASSEMBLY	As Applicable	6400X2000X2100
49	75505/0	1010	BEARING PEDESTAL (PARTS)	As Applicable	1100X800X500

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

50	75601/1	5000	FRONT BEARING PEDESTAL	As Applicable	3400X1400X1600
51	75601/2	566	HYDRALLIC TURNING MOTOR	As Applicable	1300X1000X900
52	75601/3	200	FRONT BEARING PEDESTALS(PARTS)	As Applicable	1000X600X600
53	75705/1	991	LP EXTRACTION A1	As Applicable	5100X1100X1050
54	75705/2	991	LP EXTRACTION A1	As Applicable	5100X1100X1050
55	75706/1	991	LP EXTRACTION A1	As Applicable	5100X1100X1050
56	75706/2	991	LP EXTRACTION A1	As Applicable	5100X1100X1050
57	75707/1	181	LP EXTRACTION A1	As Applicable	1500X1100X900
58	75707/2	181	LP EXTRACTION A1	As Applicable	1500X1100X900
59	75707/3	181	LP EXTRACTION A1	As Applicable	1500X1100X900
60	75707/4	181	LP EXTRACTION A1	As Applicable	1500X1100X900
61	75708/1	991	LP EXTRACTION A2	As Applicable	5100X1100X1050
62	75708/2	991	LP EXTRACTION A2	As Applicable	5100X1100X1050
63	75709/1	991	LP EXTRACTION A2	As Applicable	5100X1100X1050
64	75709/2	991	LP EXTRACTION A2	As Applicable	5100X1100X1050
65	75710/1	388	LP EXTRACTION A2	As Applicable	2000X1800X900
66	75710/2	388	LP EXTRACTION A2	As Applicable	2000X1800X900
67	75711/1	1296	LP EXTRACTION A3	As Applicable	3000X1900X900
68	75711/2	1296	LP EXTRACTION A3	As Applicable	3000X1900X900
69	75712/1	1300	LP EXRACTION A3	As Applicable	2500X1250X1300
70	75712/2	628	LP EXRACTION A3	As Applicable	3300X1250X750
71	75713/1	1072	LP EXTRACTION A3	As Applicable	4350X1200X1150
72	75713/2	1072	LP EXTRACTION A3	As Applicable	4350X1200X1150
73	75716/1	1046	EXTRACTION PIPE SHEATHING A2	As Applicable	2450X1150X950
74	75716/2	550	EXTRACTION PIPE SHEATHING A2	As Applicable	2200X800X800
75	75716/3	725	EXTRACTION PIPE SHEATHING A3	As Applicable	2000X1000X1200

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

76	75716/4	360	EXTRACTION PIPE SHEATHING A3	As Applicable	2600X600X500
77	75716/5	1046	EXTRACTION PIPE SHEATHING A2	As Applicable	2450X1150X950
78	75716/6	550	EXTRACTION PIPE SHEATHING A2	As Applicable	2200X800X800
79	75716/7	725	EXTRACTION PIPE SHEATHING A3	As Applicable	2000X1000X1200
80	75716/8	433	EXTRACTION PIPE SHEATHING A3	As Applicable	1200X600X500
81	75717/1	426	COMPENSATORS FOR CASING GUIDE	As Applicable	1550X1550X550
82	75717/2	360	COMPENSATOR FOR CASING GUIDE	As Applicable	1400X1400X550
83	75717/3	360	COMPENSATOR FOR CASING GUIDE	As Applicable	1400X1400X550
84	75717/4	918	LOOSE ITEMS FOR CASING GUIDE COMPENSATORS	As Applicable	1800X1000X650
85	75720/1	26850	LP INNER CASING (U/H)	As Applicable	5510X3957X3235
86	75720/2	26850	LP INNER CASING (U/H)	As Applicable	5510X3957X3235
87	75721/1	49998	LP INNER CASING (L/H)	As Applicable	5480X5482X3313
88	75721/2	49998	LP INNER CASING (L/H)	As Applicable	5480X5482X3313
89	75722/1	2830	ASSEMBLY OF GUIDE BLADE CARRIERS 2L&3L FOR LP1 (U/H)	As Applicable	4200X2300X1000
90	75722/2	2830	ASSEMBLY OF GUIDE BLADE CARRIERS 2R & 3R FOR LP1(U/H)	As Applicable	4200X2300X1000
91	75722/3	2830	ASSEMBLY OF GUIDE BLADE CARRIERS 2L & 3L FOR LP2(U/H)	As Applicable	4200X2300X1000
92	75722/4	2830	ASSEMBLY OF GUIDE BLADE CARRIERS 2R & 3R FOR LP2(U/H)	As Applicable	4200X2300X1000
93	75722/5	4040	ASSEMBLY OF GUIDE BLADE CARRIER LP1L (U/H)	As Applicable	2920X1660X1265
94	75722/6	4040	ASSEMBLY OF GUIDE BLADE CARRIER LP1R(U/H)	As Applicable	2920X1660X1265
95	75722/7	4040	ASSEMBLY OF GUIDE BLADE CARRIER LP2L (U/H)	As Applicable	2920X1660X1265
96	75722/8	4040	ASSEMBLY OF GUIDE BLADE CARRIER LP2R (U/H)	As Applicable	2920X1660X1265
97	75723/1	1143	LP CASING ASSEMBLY PARTS	As Applicable	5000X600X600
98	75723/2	1400	LP CASING ASSEMBLY PARTS	As Applicable	1500X1000X700
99	75723/3	14	LP CASING ASSEMBLY PARTS LP CASING ASSEMBLY PARTS	As Applicable	500X500X400
100	75723/4	111	LP CASING ASSEMBLY PARTS	As Applicable	550X800X300
101	75723/5	68	LP CASING ASSEMBLY PARTS	As Applicable	1200X1200X250

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

102	75724/1	1584	LP INNER CASING ASSEMBLY(PARTS)	As Applicable	3300X1850X300
103	75724/2	1584	LP INNER CASING ASSEMBLY(PARTS)	As Applicable	3300X1850X300
104	75801/1	74800	LP ROTOR	As Applicable	7160X3728X3740
105	75801/2	74800	LP ROTOR	As Applicable	7160X3728X3740
106	75901/0	35900	IP ROTOR	As Applicable	6520X2060X2065
107	75902/0	36570	IP OUTER CASING (U/H)	As Applicable	6590X4230X2672
108	75903/0	42205	IP OUTER CASING (L/H)	As Applicable	6225X4200X2365
109	75904/0	30015	IP INNER CASING (U/H)	As Applicable	4340X3360X2050
110	75905/0	35075	IP INNER CASING(L/H)	As Applicable	4340X3660X2110
111	75906/0	1809	SUPPORTING ARMS-IP OUTERCASING	As Applicable	1330X1472X880
112	75907/0	550	IP SHAFT SEALING	As Applicable	1400X1200X900
113	75908/0	6900	IP TURBINE (PARTS)	As Applicable	3000X2500X1600
114	75909/0	365	I.P. TURBINE PARTSI.P. TURBINE PARTS	As Applicable	1400X1400X500
115	76001/0	125520	HP TURBINE	As Applicable	6745X3790X3495
116	76002/0	120	HP INLET ASSEMBLY	As Applicable	1200X800X500
117	76004/0	37	HP TURBINE PARTS	As Applicable	500X500X500
118	76104/0	28960	ESV & CV CASING WITH VALVES	As Applicable	5130X4775X3221
119	76105/1	895	MOUNTING SUPPORT FOR MS VALVES	As Applicable	1700X800X1000
120	76105/2	895	MOUNTING SUPPORT FOR MS VALVES	As Applicable	1700X800X1000
121	76108/0	28960	ESV & CV CASING WITH VALVES	As Applicable	5130X4775X3221
122	76112/0	3100	OVERLOAD VALVE CASINGWITH VALVE	As Applicable	3000X2000X1400
123	76201/0	310	SUSPENSION OF OVERLOAD VALVE	As Applicable	1300X950X1100
124	76202/0	45000	IV & CV CASING WITH VALVES	As Applicable	6370X5600X3600
125	76202/1	88	PARTS OF IV&CV CASING	As Applicable	1800X1000X200
126	76205/1	2450	MOUNTING SUPPORT FOR HRHVALVES	As Applicable	2500X1500X700
127	76205/2	2450	MOUNTING SUPPORT FOR HRHVALVES	As Applicable	2500X1500X700
128	76206/0	45000	IV & CV CASING WITH VALVES	As Applicable	6370X5600X3600
129	76206/1	88	PARTS OF IV&CV CASING	As Applicable	1800X1000X200
130	76301/1	675	SUSPENSION OF LPBP VALVE	As Applicable	3600X700X700

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

131	76301/2	675	SUSPENSION OF LPBP VALVE	As Applicable	3600X700X700
132	76412/0	515	LEAKAGE OIL TANK	As Applicable	1000X1000X3000
133	76413/0	515	WASTE OIL TANK	As Applicable	1000X1000X3000
134	76601/0	2469	COMPONENTS OF COP ASSEMBLY	As Applicable	3000X2800X1350
135	76602/0	4026	COMPONENTS OF COP ASSEMBLY	As Applicable	3400X3600X2100
136	76603/0	7832	COMPONENTS OF COP ASSEMBLY	As Applicable	3400X3250X3500
137	76604/0	8783	COMPONENTS OF COP ASSEMBLY	As Applicable	5300X2500X2800
138	76605/0	1506	COMPONENTS OF COP ASSEMBLY	As Applicable	3550X1900X900
139	76606/0	14405	COMPONENTS OF COP ASSEMBLY	As Applicable	6300X3200X3200
140	76607/0	5610	COMPONENTS OF COP ASSEMBLY	As Applicable	5100X2450X1700
141	76608/0	5842	COMPONENTS OF COP ASSEMBLY(PARTS)	As Applicable	5800X2600X1000
142	76801/0	36	RATING,COLLABORATION AND COMPANY'S MONOGRAM	As Applicable	850X550X200
143	76914/0	27	COMPENSATOR	As Applicable	600X600X900
144	76921/0	8	VALVE BLOCK ASSLY	As Applicable	250X200X200
145	77202/0	102	TEMP. & PRESSURE CONNECTIONS	As Applicable	1000X800X800
146	77203/0	1517	IMPULSE PIPES (CARBON STEEL)	As Applicable	7200X800X800
147	77204/1	469	PRESSURE INSTRUMENTS & SENSORS	As Applicable	2000X1000X700
148	77204/2	167	TEMP. INSTRUMENTS & SENSORSTEMP. INSTRUMENTS & SENSORS	As Applicable	2000X1500X600
149	77204/3	17	LEVEL INSTRUMENTS & SESORLEVEL INST & SENSORS	As Applicable	700X450X450
150	77205/0	38	TRANSMITTERS & J.B.OF BEARINGS	As Applicable	800X800X500
151	77206/0	49	IMPULSE PIPES(ALLOY STEEL AND SS)	As Applicable	6900X500X500
152	77207/0	1037	IMPULSE PIPESIMPULSE PIPES	As Applicable	7000X300X300
<b>TURBINE NET WEIGHT</b>					<b>1174470.00</b>
<b>TURBO GENERATOR</b>					
SNO	PKG. NO/SL	NET WT	DESCRIPTION	Quantity	PKG SIZE
1	801/0	10325	FOUNDATION PLATES	As Applicable	6400X1680X950
2	802/0	1008	FOUNDATION BOLTS	As Applicable	2540X655X600

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

3	803/0	1670	FOUNDATION ITEMS	As Applicable	5800X1120X520
4	805/0	444780	GENERATOR STATOR	As Applicable	10225X5104X4841
5	806/0	89577	GENERATOR ROTOR	As Applicable	14755X1910X1915
6	807/0	8250	END SHIELD LOWER HALF (TE)	As Applicable	3800X1500X2242
7	808/0	7250	END SHIELD UPPER HALF (TE)	As Applicable	3800X1500X2242
8	809/0	8300	END SHIELD LOWER HALF (EE)	As Applicable	4100X1500X2390
9	810/0	7300	END SHIELD UPPER HALF (EE)	As Applicable	4100X1500X2390
10	811/0	1803	GENERATOR BEARING (EE & TE)	As Applicable	1240X1050X1255
11	812/0	919	BAFFLE RING CARRIER & AIR GAPSEAL ASSY.	As Applicable	2035X1885X2175
12	813/0	870	TERMINAL BUSHINGS	As Applicable	2360X1624X753
13	814/0	5302	TERMINAL BUSHING BOX	As Applicable	3500X2600X1742
14	815/0	1011	SHAFT SEALS (EE & TE) & OILCATCHER (INNER & OUTER)	As Applicable	2260X2260X690
15	816/0	738	BAFFLE RING ASSEMBLY	As Applicable	1950X1950X1175
16	817/0	131	GENERATOR ACCESSORIES	As Applicable	1150X1150X350
17	818/0	1002	ARRANGEMENT OF TERMINAL BUSHING COMPONENTS	As Applicable	3410X1800X835
18	819/0	500	GENERATOR ACCESSORIES	As Applicable	1220X1020X410
19	820/0	647	GENERATOR ACCESSORIES	As Applicable	1200X1010X820
20	821/0	57	GENERATOR ACCESSORIES	As Applicable	1700X1210X420
21	822/0	316	PRIMARY WATER TANK	As Applicable	1500X1500X2165
22	823/0	1168	PW TANK PIPE LINES	As Applicable	5000X1800X1665
23	824/0	300	PW TANK PIPE LINES	As Applicable	2750X1400X1565
24	826/0	24572	COOLER HOUSING FRAME	As Applicable	4290X4450X1428
25	827/0	80	SEAL RINGS	As Applicable	820X820X300
26	828/0	374	CONNECTION PIECE ASSEMBLY	As Applicable	1522X1050X500
27	830/0	100	GENERATOR TERMINAL BOXES	As Applicable	1220X1020X810
28	831/0	115	DRY AIR BLOWER	As Applicable	1360X1190X1625

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

29	837/0	26930	BRUSHLESS EXCITER SET	As Applicable	5900X2435X2910
30	839/0	392	DRY AIR BLOWER AND ACCESSORIES	As Applicable	1800X1500X1100
31	840/0	1752	EXCITER BED PLATE ACCESSORIES	As Applicable	4500X1200X1200
32	842/0	600	EXCITER ACCESSORIES	As Applicable	2250X1850X600
33	843/0	440	EXCITER FOUNDATION ACCESSORIES	As Applicable	1120X720X740
34	844/0	1980	RR WHEEL AIR GUIDE COVER	As Applicable	2300X2090X2020
35	845/0	1824	SEAL OIL STORAGE TANK	As Applicable	5000X1800X2185
36	846/1	3828	PW PUMP AND FILTER UNIT-PART I	As Applicable	4300X2600X3465
37	846/2	1914	PW PUMP AND FILTERUNIT-PART II	As Applicable	4300X2600X3465
38	846/3	454	ION EXCHANGER UNIT	As Applicable	2550X1750X2725
39	848/1	2237	DOUBLE FLOW S.O.U.-PART I	As Applicable	3600X2500X2665
40	848/2	1216	DOUBLE FLOW S.O.U. -PART II	As Applicable	3200X2300X2865
41	848/3	780	DOUBLE FLOW S.O.U. -PART III	As Applicable	3100X1400X2365
42	849/0	328	LIQUID DETECTOR RACK	As Applicable	2500X840X2340
43	850/0	897	GAS UNIT	As Applicable	2550X1750X2725
44	851/0	236	CO2 VAPOURISER	As Applicable	1800X900X880
45	852/0	173	H2 DISTRIBUTOR	As Applicable	3750X1800X840
46	853/0	140	CO2 DISTRIBUTOR	As Applicable	4900X1200X665
47	855/0	89	DRAIN OIL COLLECTOR	As Applicable	2000X550X715
48	856/0	56	RESIN	As Applicable	1200X600X715
49	857/0	1587	TG SYSTEM INTEGRAL PIPING VLV	As Applicable	2750X1400X1565
50	858/0	136	TG SYSTEM INTEGRAL PIPING INST	As Applicable	1000X940X1065
51	859/0	17	CONSUMABLES	As Applicable	1200X600X720
<b>GENERATOR NET WEIGHT</b>					<b>666471.00</b>
<b>CONDENSER AND ACCESSORIES</b>					
SNO	PKG. NO/SL	NET WT	DESCRIPTION	Quantity	PKG SIZE
1	78001/1	8175	HOTWELL - I (CONDENSER-1)	As Applicable	10400X2700X1450

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

2	78001/2	7950	HOTWELL - II (CONDENSER-2)	As Applicable	10400X2700X1450
3	78004/1	5567	FRONT END BOTTOM PLATE	As Applicable	7860X2175X1134
4	78004/2	5567	FRONT END BOTTOM PLATE	As Applicable	7860X2175X1134
5	78005/1	3966	REAR END BOTTOM PLATE	As Applicable	7860X1405X1262
6	78005/2	3966	REAR END BOTTOM PLATE	As Applicable	7860X1405X1262
7	78006/1	8170	MIDDLE BOTTOM PLATE-1	As Applicable	7860X3850X1029
8	78006/2	8170	MIDDLE BOTTOM PLATE-1	As Applicable	7860X3850X1029
9	78007/1	8528	MIDDLE BOTTOM PLATE-2	As Applicable	7860X3850X1063
10	78007/2	8528	MIDDLE BOTTOM PLATE-2	As Applicable	7860X3850X1063
11	78008/1	8472	MIDDLE BOTTOM PLATE-3	As Applicable	7860X3850X1096
12	78008/2	8472	MIDDLE BOTTOM PLATE-3	As Applicable	7860X3850X1096
13	78010/1	225	BOTTOM PLATE (LOOSE ITEMS)	As Applicable	1000X400X350
14	78010/2	225	BOTTOM PLATE (LOOSE ITEMS)	As Applicable	1000X400X350
15	78014/1	1680	LOOSE ITEMS (COND.SUPPORT)	As Applicable	2600X2000X550
16	78014/2	3050	LOOSE ITEMS (COND. SUPPORT)	As Applicable	4000X2100X800
17	78018/1	1385	LOOSE ITEMS(COND. SUPPORT)	As Applicable	1550X1100X1000
18	78018/2	1385	LOOSE ITEMS(COND SUPPORT)	As Applicable	1550X1100X1000
19	78019/1	3700	LOOSE ITEMS(COND SUPPORT)	As Applicable	1200X1200X900
20	78019/2	3700	LOOSE ITEMS(COND. SUPPORT)	As Applicable	1200X1200X900
21	78021/1	27264	FRONT WATER BOX AND WATERCHAMBER(GEN.SIDE)	As Applicable	6886X4030X3210
22	78021/2	27264	FRONT WATER BOX AND WATERCHAMBER (GEN.SIDE)	As Applicable	6886X4030X3210
23	78024/1	27264	FRONT WATER BOX AND WATERCHAMBER (TUR.SIDE)	As Applicable	6886X4030X3210
24	78024/2	27264	FRONT WATER BOX AND WATERCHAMBER (TUR.SIDE)	As Applicable	6886X4030X3210
25	78027/1	27369	REAR WATER BOX AND WATERCHAMBER (GEN.SIDE)	As Applicable	7014X4030X3210
26	78027/2	32052	REAR WATER BOX AND WATERCHAMBER (GEN.SIDE)	As Applicable	7014X4030X4610
27	78030/1	32052	REAR WATER BOX AND WATERCHAMBER (TUR.SIDE)	As Applicable	7014X4030X4610

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

28	78030/2	27369	REAR WATER BOX AND WATERCHAMBER (TUR.SIDE)	As Applicable	7014X4030X3210
29	78032/1	2301	SIDE WALL(TUR.END- PLATES)CONDENSER-1	As Applicable	6920X1170X40
30	78032/2	2301	SIDE WALL(TUR.END- PLATES)CONDENSER-2	As Applicable	6920X1170X40
31	78033/1	13475	SIDE WALL(TUR.END- PLATES)CONDENSER-1	As Applicable	6920X2480X100
32	78033/2	13475	SIDE WALL(TUR.END- PLATES)CONDENSER-2	As Applicable	6920X2480X100
33	78034/1	633	SIDE WALL(TUR.END-LOOSE ITEMS)CONDENSER-1	As Applicable	5100X450X350
34	78034/2	633	SIDE WALL(TUR.END-LOOSE ITEMS)CONDENSER-2	As Applicable	5100X450X350
35	78041/1	2301	SIDE WALL(GEN.END- PLATES)CONDENSER-1	As Applicable	6920X1170X40
36	78041/2	2301	SIDE WALL(GEN.END- PLATES)CONDENSER-2	As Applicable	6920X1170X40
37	78042/1	13475	SIDE WALL(GEN.END- PLATES)CONDENSER-1	As Applicable	2200X900X1200
38	78042/2	13475	SIDE WALL(GEN.END- PLATES)CONDENSER-2	As Applicable	6920X2480X100
39	78046/1	633	SIDE WALL(GEN.END-LOOSE ITEMS)CONDENSER-1	As Applicable	5100X450X350
41	78047/1	5481	SHELL INTERNAL STIFFENING RODS	As Applicable	3616X950X580
42	78047/2	5481	SHELL INTERNAL STIFFENING RODS	As Applicable	3616X950X580
43	78048/1	5481	SHELL INTERNAL STIFFENING RODS	As Applicable	3616X950X580
44	78048/2	5481	SHELL INTERNAL STIFFENING RODS	As Applicable	3616X950X580
45	78049/1	5481	SHELL INTERNAL STIFFENING RODS	As Applicable	3616X950X580
46	78049/2	5481	SHELL INTERNAL STIFFENING RODS	As Applicable	3616X950X580
47	78050/1	5481	SHELL INTERNAL STIFFENING RODS	As Applicable	3616X950X580
48	78050/2	5481	SHELL INTERNAL STIFFENING RODS	As Applicable	3616X950X580
49	78051/1	5220	SHELL INTERNAL STIFFENING RODS	As Applicable	3616X950X580
50	78051/2	5220	SHELL INTERNAL STIFFENING RODS	As Applicable	3616X950X580
51	78052/1	5220	SHELL INTERNAL STIFFENING RODS	As Applicable	3616X950X580
52	78052/2	5220	SHELL INTERNAL STIFFENING RODS	As Applicable	3616X950X580
53	78053/1	5220	SHELL INTERNAL STIFFENING RODS	As Applicable	3616X950X580
54	78053/2	5220	SHELL INTERNAL STIFFENING RODS	As Applicable	3616X950X580

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

55	78054/1	1370	SHELL INTERNAL STIFFENING RODS	As Applicable	1000X700X700
56	78054/2	1370	SHELL INTERNAL STIFFENING RODS	As Applicable	1000X700X700
57	78055/1	802	SHELL INTERNAL STIFFENING RODS	As Applicable	3700X500X500
58	78055/2	802	SHELL INTERNAL STIFFENING RODS	As Applicable	3700X500X500
59	78056/1	802	SHELL INTERNAL STIFFENING RODS	As Applicable	3700X500X500
60	78056/2	802	SHELL INTERNAL STIFFENING RODS	As Applicable	3700X500X500
61	78057/1	792	SHELL INTERNAL STIFFENING RODS	As Applicable	3700X500X500
62	78057/2	792	SHELL INTERNAL STIFFENING RODS	As Applicable	3700X500X500
63	78058/1	1616	AIR EXTRACTION PIPINGCONDENSER- 1	As Applicable	6300X1000X800
64	78058/2	1616	AIR EXTRACTION PIPINGCONDENSER- 2	As Applicable	6300X1000X800
65	78059/1	5808	TUBE SUPPORT PLATE	As Applicable	5800X3820X185
66	78059/2	5808	TUBE SUPPORT PLATE	As Applicable	5800X3820X185
67	78060/1	5808	TUBE SUPPORT PLATE	As Applicable	5800X3820X185
68	78060/2	5808	TUBE SUPPORT PLATE	As Applicable	5800X3820X185
69	78061/1	5808	TUBE SUPPORT PLATE	As Applicable	5800X3820X185
70	78061/2	5808	TUBE SUPPORT PLATE	As Applicable	5800X3820X185
71	78062/1	5808	TUBE SUPPORT PLATE	As Applicable	5800X3820X185
72	78062/2	5808	TUBE SUPPORT PLATE	As Applicable	5800X3820X185
73	78063/1	5808	TUBE SUPPORT PLATE	As Applicable	5800X3820X185
74	78063/2	5808	TUBE SUPPORT PLATE	As Applicable	5800X3820X185
75	78064/1	5808	TUBE SUPPORT PLATE	As Applicable	5800X3820X185
76	78064/2	5808	TUBE SUPPORT PLATE	As Applicable	5800X3820X185
77	78065/1	4356	TUBE SUPPORT PLATE	As Applicable	5800X3820X173
78	78065/2	4356	TUBE SUPPORT PLATE	As Applicable	5800X3820X173
79	78066/1	4356	TUBE SUPPORT PLATE	As Applicable	5800X3820X173
80	78066/2	4356	TUBE SUPPORT PLATE	As Applicable	5800X3820X173

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

81	78067/1	4356	TUBE SUPPORT PLATE	As Applicable	5800X3820X173
82	78067/2	4356	TUBE SUPPORT PLATE	As Applicable	5800X3820X173
83	78068/1	4356	TUBE SUPPORT PLATE	As Applicable	5800X3820X173
84	78068/2	4356	TUBE SUPPORT PLATE	As Applicable	5800X3820X173
85	78069/1	3240	SHELL INTERNAL DETAILS	As Applicable	1700X900X1100
86	78069/2	3240	SHELL INTERNAL DETAILS	As Applicable	1700X900X1100
87	78070/1	4615	SHELL INTERNAL DETAILS	As Applicable	6000X900X900
88	78070/2	4615	SHELL INTERNAL DETAILS	As Applicable	6000X900X900
89	78071/1	2685	SHELL INTERNAL DETAILS	As Applicable	1300X1200X900
90	78071/2	2685	SHELL INTERNAL DETAILS	As Applicable	1300X1200X900
91	78072/1	1145	SHELL INTERNAL DETAILS	As Applicable	900X900X800
92	78072/2	1145	SHELL INTERNAL DETAILS	As Applicable	900X900X800
93	78074/1	11319	LOWER DOME WALL(TS)(CONDENSER -1)	As Applicable	10100X3800X350
94	78074/2	3935	LOWER DOME WALL(TS)(CONDENSER -2)	As Applicable	7249X1897X300
95	78075/1	6396	LOWER DOME WALL(TS)(CONDENSER -1)	As Applicable	10760X2220X300
96	78075/2	3947	LOWER DOME WALL(TS)(CONDENSER -2)	As Applicable	7315X1897X500
97	78076/1	1556	LOWER DOME WALL(TS)CONDENSER- 1	As Applicable	2350X3700X300
98	78076/2	8223	LOWER DOME WALL(TS)CONDENSER- 2	As Applicable	12730X3400X750
99	78077/1	1591	LOWER DOME WALL(TS)CONDENSER- 1	As Applicable	2250X3686X300
100	78077/2	4842	LOWER DOME WALL(TS)CONDENSER- 2	As Applicable	10295X1875X650
101	78078/1	640	LOWER DOME WALL (TS)CONDENSER -1	As Applicable	8500X300X50
102	78078/2	644	LOOSE ITEMS( LOWER DOME WALLTS)CONDENSER-2	As Applicable	8488X300X150
103	78079/2	232	LOWER DOME WALL(TS)CONDENSER- 2	As Applicable	700X400X500
104	78101/1	645	LOWER DOME WALL ( GS)CONDENSER-1	As Applicable	8475X300X150
105	78101/2	11563	LOWER DOME WALL ( GS)CONDENSER-2	As Applicable	10000X3900X300
106	78102/1	7647	LOWER DOME WALL ( GS)CONDENSER-1	As Applicable	10805X3000X700

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

107	78102/2	6396	LOWER DOME WALL (GS)CONDENSER -2	As Applicable	10760X2220X300
108	78103/1	7532	LOWER DOME WALL (GS)CONDENSER -1	As Applicable	12796X2700X600
109	78103/2	1556	LOWER DOME WALL (GS)CONDENSER -2	As Applicable	2350X3700X300
110	78104/1	3802	LOWER DOME WALL(GS)CONDENSER- 1	As Applicable	7315X1826X300
111	78104/2	1637	LOWER DOME WALL(GS)CONDENSER- 2	As Applicable	2315X3686X300
112	78105/1	3808	LOWER DOME WALL(GS)CONDENSER -1	As Applicable	7250X1826X600
113	78105/2	640	LOWER DOME WALL (GS)CONDENSER-2	As Applicable	8492X300X50
114	78106/1	1230	LOWER DOME WALL (GEN SIDE)CONDENSER-1	As Applicable	2600X1400X1050
115	78106/2	11	LOWER DOME WALL (GEN SIDE)CONDENSER-2	As Applicable	700X700X700
116	78107/1	381	LOOSE ITEM L D WALL (FWB)CONDENSER-1	As Applicable	7000X250X100
117	78107/2	381	LOOSE ITEM L D WALL (FWB)CONDENSER-2	As Applicable	7000X250X100
118	78108/1	4434	LOWER DOME WALL(FWB)CONDENSER-1	As Applicable	7960X1574X700
119	78108/2	3943	LOWER DOME WALL ( FWB)CONDENSER-2	As Applicable	7960X1574X700
120	78109/1	3635	LOWER DOME WALL (FWB)CONDENSER-1	As Applicable	7470X2300X650
121	78109/2	4386	LOWER DOME WALL (FWB)CONDENSER-2	As Applicable	7500X2500X700
122	78110/1	5115	LOWER DOME WALL(FWB)CONDENSER-1	As Applicable	6870X2500X300
123	78110/2	5115	LOWER DOME WALL (FWB)CONDENSER-2	As Applicable	6870X2500X300
124	78111/1	1754	LOWER DOME WALL (FWB)CONDENSER-1	As Applicable	6070X1400X500
125	78111/2	1759	LOWER DOME WALL (FWB)CONDENSER-2	As Applicable	6070X1300X500
126	78112/1	493	LOOSE ITEMSLOWER DOME WALL (FWB) COND.- 1	As Applicable	2700X1600X600
127	78112/2	484	LOOSE ITEMSLOWER DOME WALL (FWB) COND.- 2	As Applicable	2700X1600X600
128	78113/1	3600	LOWER DOME WALL(RWB)(CONDENSER-1)	As Applicable	7970X1780X700
129	78113/2	3722	LOWER DOME WALL(RWB)(CONDENSER-2)	As Applicable	7960X1780X300
130	78114/1	4494	LOWER DOME WALL(RWB)(CONDENSER-1)	As Applicable	7396X2500X1425
131	78114/2	4472	LOWER DOME WALL(RWB)(CONDENSER-2)	As Applicable	7396X2700X1500
132	78115/1	4776	LOWER DOME WALL(RWB)CONDENSER-1	As Applicable	6598X3200X700

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

133	78115/2	4767	LOWER DOME WALL(RWB)CONDENSER-2	As Applicable	6598X3200X700
134	78116/1	583	LOWER DOME WALL(RWB)CONDENSER-1	As Applicable	5800X400X250
135	78116/2	583	LOWER DOME WALL(RWB)CONDENSER-2	As Applicable	5864X400X250
136	78117/1	1725	LOWER DOME WALL(RWB)CONDENSER-1	As Applicable	7800X1600X600
137	78117/2	1920	LOWER DOME WALL(RWB)CONDENSER-2	As Applicable	7800X1600X600
138	78118/1	880	LOOSE ITEMSLOWER DOME WALL (RWB) COND.-1	As Applicable	2100X2100X1800
139	78118/2	880	LOOSE ITEMSLOWER DOME WALL (RWB) COND.-2	As Applicable	2100X2100X1800
140	78121/1	5856	DOME INTERNAL STIFFENINGCONDENSER-1	As Applicable	5500X2300X1100
141	78121/2	4404	DOME INTERNAL STIFFENINGCONDENSER-2	As Applicable	5500X2300X1100
142	78122/1	3223	DOME INTERNAL STIFFENINGCONDENSER-1	As Applicable	5800X550X1050
143	78122/2	2918	DOME INTERNAL STIFFENINGCONDENSER-2	As Applicable	2700X1300X1200
144	78123/1	348	DOME INTERNAL STIFFENINGCONDENSER-1	As Applicable	1500X700X600
145	78123/2	1085	DOME INTERNAL STIFFENINGCONDENSER-2	As Applicable	2200X800X550
146	78124/1	3000	DOME INTERNAL STIFFENINGCONDENSER-1	As Applicable	2700X1300X1200
147	78124/2	1170	DOME INTERNAL STIFFENINGCONDENSER-2	As Applicable	5300X450X250
148	78125/1	383	DOME INTERNAL STIFFENINGCONDENSER-1	As Applicable	900X600X500
149	78125/2	1778	DOME INTERNAL STIFFENINGCONDENSER-2	As Applicable	5800X700X700
150	78126/1	5576	DOME INTERNAL STIFFENINGCONDENSER-1	As Applicable	3200X1300X1600
151	78126/2	4177	DOME INTERNAL STIFFENINGCONDENSER-2	As Applicable	3100X1500X1600
152	78127/1	4303	LOOSE ITEMS DOME INTERNALSTIFFENING COND.-1	As Applicable	3500X1600X1200
153	78127/2	6828	LOOSE ITEMS DOME INTERNALSTIFFENING COND.-2	As Applicable	3150X1500X1600
154	78129/1	745	LP HEATER SUPPORT ARRANGEMENTLOOSE ITEMS	As Applicable	1200X800X800
155	78129/2	745	LP HEATER SUPPORT ARRANGEMENTLOOSE ITEMS	As Applicable	1200X800X800
156	78130/1	1880	LP HEATER SUPPORT ARRANGEMENTLOOSE ITEMS	As Applicable	7750X1100X700
157	78130/2	1880	LP HEATER SUPPORT ARRANGEMENTLOOSE ITEMS	As Applicable	7750X1100X700
158	78132/1	1570	UPPER DOME WALL (TURBINE SIDE)CONDENSER-1	As Applicable	5755X710X300

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

159	78132/2	2220	UPPER DOME WALL (TURBINE SIDE)CONDENSER-2	As Applicable	8232X710X300
160	78133/1	1570	UPPER DOME WALL(GEN SIDE)CONDENSER-1	As Applicable	5755X710X300
161	78133/2	2220	UPPER DOME WALL(GEN SIDE)CONDENSER-2	As Applicable	8232X710X300
162	78136/1	1570	UPPER DOME WALL (FWB)CONDENSER-1	As Applicable	5755X700X300
163	78136/2	1570	UPPER DOME WALL (FWB)CONDENSER-2	As Applicable	5755X700X300
164	78137/1	2220	UPPER DOME WALL(RWB)CONDENSER-1	As Applicable	8232X710X300
165	78137/2	2220	UPPER DOME WALL(RWB)CONDENSER-2	As Applicable	8232X710X300
166	78142/1	6346	FRONT W/BOX HINGE ARRANGEMENT	As Applicable	2200X900X1200
167	78142/2	1852	FRONT W/BOX HINGE ARRANGEMENT	As Applicable	2350X900X650
168	78143/1	2948	REAR W/BOX HINGE ARRANGEMENT	As Applicable	1800X900X1200
169	78143/2	1308	REAR W/BOX HINGE ARRANGEMENT	As Applicable	1900X900X650
170	78144/1	318	FRONT W/BOX HINGE ARRANGEMENT	As Applicable	850X850X600
171	78144/2	318	FRONT W/BOX HINGE ARRANGEMENT	As Applicable	850X850X600
172	78145/1	318	REAR W/BOX HINGE ARRANGEMENT	As Applicable	850X850X600
173	78145/2	318	REAR W/BOX HINGE ARRANGEMENT	As Applicable	850X850X600
174	78146/1	552	FRONT W/BOX HINGE ARRANGEMENT	As Applicable	2400X650X400
175	78146/2	552	FRONT W/BOX HINGE ARRANGEMENT	As Applicable	2400X650X400
176	78147/1	552	REAR W/BOX HINGE ARRANGEMENT	As Applicable	2400X650X400
177	78147/2	552	REAR W/BOX HINGE ARRANGEMENT	As Applicable	2400X650X400
178	78150/1	890	FRONT W/BOX HINGE ARRANGEMENT	As Applicable	1495X1140X400
179	78150/2	890	FRONT W/BOX HINGE ARRANGEMENT	As Applicable	1495X1140X400
180	78151/1	890	REAR W/BOX HINGE ARRANGEMENT	As Applicable	1495X1140X400
181	78151/2	890	REAR W/BOX HINGE ARRANGEMENT	As Applicable	1495X1140X400
182	78157/1	396	CONDENSER (LOOSE ITEMS)	As Applicable	1050X1050X650
183	78157/2	396	CONDENSER (LOOSE ITEMS)	As Applicable	1050X1050X650
184	78158/1	80	COND. LOOSE ITEMS (RUBBER CORD FOR BOTH CONDENSER)	As Applicable	1000X700X700

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

185	78158/2	80	COND. LOOSE ITEMS (RUBBER CORD FOR BOTH CONDENSER)	As Applicable	1000X700X700
186	78159/1	2300	FASTENERS (CONDENSER)	As Applicable	1500X1300X1000
187	78159/2	2300	FASTENERS (CONDENSER)	As Applicable	1500X1300X1000
188	78165/1	1860	CONDENSER LOOSE ITEMS	As Applicable	6300X900X600
189	78165/2	48	CONDENSER LOOSE ITEMS	As Applicable	550X550X250
190	78166/0	195	CONDENSER STAND PIPE NO.1 LOOSE ITEMS FOR(FOR BOTH COND)	As Applicable	3200X400X500
191	78167/1	354	STAND PIPE NO.1(CONDENSER 1&2)	As Applicable	3700X700X600
192	78167/2	354	STAND PIPE NO.2(CONDENSER 1&2)	As Applicable	3700X700X600
193	78169/0	194	CONDENSER STAND PIPES NO.2 LOOSE ITEMS FOR(FOR BOTH COND)	As Applicable	3200X400X500
194	78175/1	82	CONDENSER INSTRUMENTATION	As Applicable	1500X800X800
195	78175/2	82	CONDENSER INSTRUMENTATION	As Applicable	1500X800X800
196	78176/1	655	CONDENSER INSTRUMENTATION	As Applicable	1500X1300X700
197	78176/2	655	CONDENSER INSTRUMENTATION	As Applicable	1500X1300X700
198	78301/0	1850	GLAND STEAM CONDENSER	As Applicable	1750X1700X1700
199	78304/0	34	LOOSE ITEMS OF GSC	As Applicable	800X450X350
200	78305/0	10	LOOSE ITEMS OF GSC (FRAGILE)	As Applicable	700X600X500
201	78315/1	39210	DUPLEX LP HEATER(CONDENSER-1)	As Applicable	17000X2200X2300
202	78315/2	39210	DUPLEX LP HEATER(CONDENSER-2)	As Applicable	17000X2200X2300
203	78316/1	100	DUPLEX LPH STAND PIPE(CONDENSER-1)	As Applicable	1800X900X600
204	78316/2	100	DUPLEX LPH STAND PIPE(CONDENSER-2)	As Applicable	1800X900X600
205	78317/1	73	DUPLEX LP HEATER LOOSE ITEMS(CONDENSER-1)	As Applicable	2100X2100X300
206	78317/2	73	DUPLEX LP HEATER LOOSE ITEMS(CONDENSER-2)	As Applicable	2100X2100X300
207	78318/1	265	DUPLEX LPH INSTRUMENTATIONFRAGILE(CONDE NSER-1)	As Applicable	800X600X600
208	78318/2	265	DUPLEX LPH INSTRUMENTATIONFRAGILE(CONDE NSER-2)	As Applicable	800X600X600
209	78319/1	250	DUPLEX LPH INSTRUMENTATIONNON-FRAGILE(CONDENSER-1)	As Applicable	2200X600X800
210	78319/2	250	DUPLEX LPH INSTRUMENTATIONNON-FRAGILE(CONDENSER-2)	As Applicable	2200X600X800

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

211	78320/1	332	TROLLEY FOR DUPLEX LP HEATER(CONDENSER-1)	As Applicable	1350X800X200
212	78320/2	332	TROLLEY FOR DUPLEX LP HEATER(CONDENSER-2)	As Applicable	1350X800X200
213	78424/0	4155	HYDROGEN COOLER	As Applicable	5200X1270X1300
214	78425/0	4155	HYDROGEN COOLER	As Applicable	5200X1270X1300
215	78428/0	800	LOOSE ITEMS (HYDROGEN COOLER)	As Applicable	1270X1150X600
216	78431/0	1070	EXCITER AIR COOLER	As Applicable	3450X900X760
217	78432/0	1070	EXCITER AIR COOLER	As Applicable	3450X900X760
<b>CONDENSER NET WEIGHT</b>					<b>950290.00</b>

## HEAT EXCHANGERS AND ASSOCIATED ACCESSORIES

SNO	PKG. NO/SL	NET WT	DESCRIPTION	Quantity	PKG SIZE
1	17505576	67000	HP HEATER-6A ASSEMBLY(YADADRI 5X800MW)	1	NA
2	17507285	67000	HP HEATER-6B ASSEMBLY(YADADRI 5X800MW)	1	NA
3	17509305	99200	HP HEATER-7A ASSEMBLY	1	NA
4	17510305	99200	HP HEATER-7B ASSEMBLY	1	NA
5	17511299	81900	H.P.HEATER-8A ASSLY	1	NA
6	17512299	81900	H.P.HEATER-8B ASSLY	1	NA
7	17521199	21100	DESUPERHEATER FOR HPH-6A ASSEMBLY	1	NA
8	17522199	21100	DESUPERHEATER FOR HPH-6B ASSEMBLY	1	NA
9	16226522	33900	L.P.HEATER-3 ASSEMBLY	1	NA
10	16231259	27315	L.P.HEATER-4 ASSEMBLY	1	NA
11	16231259	65000	Heater Accessories (stand pipes, valves etc)		
12	16311002	51873	DEAERATOR ST.TANK ASSLY. (SEC-I)	1	NA
13	16312002	47407	DEAERATOR ST.TANK ASSLY. (SEC-II)	1	NA
14	16313002	50551	DEAERATOR ST.TANK ASSLY. (SEC-III)	1	NA
15	16316002	376000	DEAERATOR HEATER ASSLY and Accessories	1	NA
16	16201129	13000	DRAINCOOLER ASSEMBLY OF YADADRI 5X800 MW	1	NA
<b>HEAT EXCHANGERS NET WEIGHT</b>					<b>1203446.00</b>

## PUMPS (CW, CEP and BFPS)

SNO	PKG. NO/SL	NET WT	DESCRIPTION	Quantity	PKG SIZE
1		145000	ASSEMBLED TURBINE TDBFP and Accessories	1	NA
2		145000	ASSEMBLED TURBINE TDBFP and Accessories	1	NA
19		25000	TDBFP LUBE OIL SYSTEM ALONG WITH ALL ACCESSORIES	1	NA
20		25000	TDBFP LUBE OIL SYSTEM ALONG WITH ALL ACCESSORIES	1	NA
21		2000	EOP ASSEMBLY	1	NA
22	18035002	20000	BFP HYD COUPLING WITH ACCS-800MW	1	NA

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

23	18035003	4000	HC WORKING OIL VISCOSITY GR:32 ISO VG32	4000	NA
24	18035004	9650	HC WORKING OIL VISCOSITY GR:32 ISO VG32	9650	NA
25	18910001	16000	BP SKID ASSLY, MLC 450X350H-TD	1	NA
26	18910001	16000	BP SKID ASSLY, MLC 450X350H-TD	1	NA
27	18910001	16000	BP SKID ASSLY, MLC 450X350H-TD	1	NA
28	18010001	29000	BFP SKID ASSY	1	NA
29	18010001	29000	BFP SKID ASSY	1	NA
30	18010001	29000	BFP SKID ASSY		
31	18111001	10000	CEP ASSEMBLY 144RND-PV-800 (BHEL)	1	NA
32	18111001	10000	CEP ASSEMBLY 144RND-PV-800 (BHEL)	1	NA
33	18111001	10000	CEP ASSEMBLY 144RND-PV-800 (BHEL)	1	NA
34	18111001	3500	DRIP PUMP (EN8H32M-1D)ASSY (SS IM, MSEAL	1	NA
35	18111001	3500	DRIP PUMP (EN8H32M-1D)ASSY (SS IM, MSEAL	1	NA
36	18236004	9000	CWP PUMP-1 and Accessories of Unit#3 and Unit#4	2	NA
37	18236004	9000	CWP PUMP-2 and Accessories of Unit#3 and Unit#4	2	NA
38	18236004	9000	CWP PUMP-3 and Accessories of Unit#3 and Unit#4	2	NA
39	18236004	9000	CWP PUMP-4 and Accessories of Unit#3 and Unit#4	2	NA
40	18236004	9000	CWP PUMP-5 and Accessories of Unit#3 and Unit#4	2	NA
41	na	12000	Miscellaneous Items	2	NA
<b>PUMPS NET WEIGHT</b>					<b>604650.00</b>

## DOSING SYSTEMS

SI No.	PGMA	Weight	Description	Quantity	Dimensions
1	NA	5,100	Hydrazine Dosing system	1	5500X3000X4500
2	NA	4,500	Ammonia Dosing system	1	5500X3000X4500
3	NA	1,000	NaOH Dosing System	1	3000X3000X3000
4	NA	800	Oxygen Dosing system	2	3000X600X1500

**DOSING SYSTEMS NET WEIGHT** **11400.00**

## Miscellaneous PUMPS and BOI Items and Other Miscellaneous Items

SI No.	PGMA	Weight	Description	Quantity	Dimensions
1	BT001	--	LIFTING BEAM	1	NA
2	BT006	--	BUTTERFLY VALVES	1	NA
3	BT009	--	NRV WITH ALUMINIUM FLAP	2	NA
4	BT011	--	OIL PURIFICATION UNIT	1	NA
5	BT014	--	SPRAY NOZZLES	1	NA
6	BT015	--	DIRT CATCHERS	1	NA
7	BT016	--	DAMPER	1	NA
8	BT017	--	VARIABLE LOAD SPRING CAGES	1	NA
9	BT020	--	THERMAL INSULATION OF TURBINE	1	NA
10	BT021	--	THERMAL INSULATION OF TIP	1	NA
11	BT023	--	TURBINE OIL	1	NA
12	BT024	--	DRY AIR PRESERVATION SYSTEM	1	NA

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

13	BT025	--	OIL PURIFICATION SYSTEM (CENTR)	1	NA
14	BT026	--	GROUP CABLES	1	NA
15	BT027	--	TURBINE INTEGRAL PIPING	1	NA
16	BT028	--	H & S FOR TURBINE INTEGRAL PIP	1	NA
17	BT029	--	CALIBRATED FLOW NOZZLE ASSLY.	1	NA
18	BT043	--	CONTROL FLUID (FRF)	1	NA
19	BT046	--	LP BYPASS STOP & CONTROL VALVE	1	NA
20	BT054	--	STEAM TRAP	1	NA
21	BT065	--	GEAR PUMP (LUB. OIL RECIRCULAT	1	NA
22	BT068	--	POWER CABLES FOR 24 V SOLENOID	1	NA
23	BT071	--	LEVEL INDICATORS FOR OIL TANKS	1	NA
24	BT074	--	VACUUM BREAKER VALVE WITH PNEU	2	NA
25	BT081	--	HPT STEAM EVACUATION VALVE	1	NA
26	BT096	--	OIL MODULE	1	NA
27	BT097	--	OIL THROTTLE VALVES	1	NA
28	BT104	--	SEAL STEAM CONTROL VALVE WITH	1	NA
29	BT105	--	LEAK STEAM CONTROL VALVE WITH	1	NA
30	BT106	--	TURBINE INSTRUMENT RACKS	1	NA
31	BT107	--	PNEUMATIC GLOBE VALVE	1	NA
32	BT110	--	HYDRAULIC POWER SUPPLY UNIT FO	1	NA
33	BT111	--	ELECTRO-HYDRAULIC ACTUATORS FO	1	NA
34	BT149	--	BAR PROBE WITH AMPLIFIER	1	NA
35	BT150	--	CALIBRATION JIG	1	NA
36	BG001	--	EMPTY H2 CYLINDER	200	NA
37	BG002	--	EMPTY CO2 CYLINDER	90	NA
38	BG003	--	EMPTY N2 CYLINDER	12	NA
39	BG007	--	VAPOUR EXHAUSTER	2	NA
40	BG011	--	REFRIGERATION GAS DRYER	2	NA
41	BG080	--	STROBOSCOPE	1	NA
42	BG082	--	HYDRAULIC UNIT ASSEMBLY	1	NA
43	BG090	--	GENERATOR INTEGRAL PIPING	1	NA
44	BG091	--	HYDROGEN COOLERS PIPING	1	NA
45	BG098	--	EXCITER COVER COMPLETE WITH FA	1	NA
46	BH010	--	CONDENSOR AIR EVACUATION PACKA	4	NA
47	BH012	--	AIR EXHAUSTER WITH MOTOR	2	NA
48	BH022	--	MULTI BALL BEARING SUPPORT FOR	1	NA
49	BH029	--	WELDED AUSTENITIC S.S. TUBES G	1	NA
50	BG005	--	MOISTURE MEASURING SYSTEM	1	NA
51	BG008	--	MOTORISED TEMPERATURE CONTROL	1	NA
52	BG009	--	H2 GAS ANALYSER CABINET	2	NA
53	BG018	--	STARTING RESISTOR FOR DC S.O MOTOR	1	NA
54	BG066	--	GENERATOR END WINDING VIBRATIO	1	NA
55	BG092	--	PW TEMPERATURE CONTROL VALVE	1	NA
56	BT094	--	DC STARTERS & INSTRUMENTATION	1	NA
57	NA	900	ACW PUMPS (VERTICAL) of Unit#4	3	3500MM X 3500MM

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

58	NA	750	DMCW-TG PUMPS (HORIZONTAL) of Unit#4	3	3500MM X 1500MM
59	NA	500	DMCW-SG PUMPS (HORIZONTAL) of Unit#4	2	3500MM X 2000MM
66	NA	4,000	SCS	4	2500MM X 1500MM
67	NA	10,000	PHEs-TG	6	5000mm x 2500mm
68	NA	10,000	PHEs-SG	4	5000mm x 2500mm
72	NA	3,000	CONICAL STRAINERS (600NB)	6	L= 2000MM; DIA=500NB
73	NA	1,800	CONICAL STRAINERS (350NB)	6	L= 2000MM; DIA=350NB
74	NA	800	CONICAL STRAINERS (150NB)	4	L= 2000MM; DIA=350NB
75	NA	24,000	COLTCS	4	5000MM x 3000MM
76	NA	23400	Miscellaneous Items	1	--
<b>Miscellaneous PUMPS and BOI Items And Other Miscellaneous Items NET WEIGHT</b>					<b>1,03,400</b>
<b>TANKS</b>					
SI No.	PGMA	Weight	Description	Quantity	Dimensions
1	NA	<b>6000</b>	Flash Tank A	1	5100 x 3500 x 3500
2	NA	<b>6000</b>	Flash Tank B	1	5100 x 3500 x 3500
3	NA	<b>1700</b>	Unit Flash Tank	1	5100 x 3500 x 3500
4	NA	<b>1000</b>	Clean Oil Tank	1	6050L X 3050 W X 4000H
5	NA	<b>1000</b>	Dirty Oil Tank	1	6050L X 3050 W X 4000H
6	NA	<b>100</b>	Oil Unloading Vessel	1	2250 L X 1200 W 900 H
7	NA	<b>2000</b>	DMCW Tank	1	7150 L X 2000W X 2500 H
<b>TANKS NET WEIGHT</b>					<b>17800.00</b>
<b>RE JOINTS</b>					
SI No.	PGMA	Weight	Description	Quantity	Dimensions
1	NA	<b>23200</b>	RE Joints Inlet	2	4200 X 3300 X 5650
2	NA	<b>23000</b>	Re Joints Outlet	2	3500 X 3300 X 5750
<b>RE JOINTS NET WEIGHT</b>					<b>46200.00</b>
<b>CW PIPING</b>					
SI No.	PGMA	Weight	Description	Quantity	Dimensions
1	80-468	<b>7000</b>	PIPE OD 2743 MM X 20 MM	100	<b>2743 X 20</b>
2	80-468	<b>15000</b>	Bends	10	<b>2743 X 20</b>
3	80-468	<b>10000</b>	Hangers and Supports	10	--

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

						CW PIPING NET WEIGHT	32000.00
<b>ELECTRIC HOISTS</b>							
SI No.	Capacity	Weight	Description		Quantity	Type	
1	5 MT	800	VACUUM PUMP MOTOR HANDLING AT EL:0.0M AB-BAY (LHS) of Individual Unit		2	EH	
2	5 MT	800	VACUUM PUMP MOTOR HANDLING AT EL:0.0M AB-BAY (RHS) of Individual Unit		2	EH	
3	5 MT	800	SCS HANDLING AT EL:0.0M AB-BAY of Individual Unit		2	EH	
4	15 MT	3000	CW BFV HANDLING CW PIT AB-BAY of Individual Unit		2	EH	
5	5 MT	800	DMCW PUMPS (TG & SG) AT EL:0.0M AB-BAY of Individual Unit		2	EH	
6	5 MT	800	DRIP PUMP of Individual Unit		2	EH	
9	1 MT	200	Lube oil unloading of individual Unit		1	EH	
<b>ELECTRIC HOISTS NET WEIGHT</b>						7200.00	
<b>CHAIN PULLEY BLOCKS</b>							
SI No.	Capacity	Weight (Unit)	Description		Quantity	Type	
1	2 MT	320	TDBFP OIL COOLER TUBE BUNDLE HANDLING AT EL:0.0M of Individual Unit		4	CPB + TT	
2	1 MT	60	Lube oil unloading of individual Unit		1	CPB + TT	
<b>CHAIN PULLEY BLOCKS NET WEIGHT</b>						450.00	

## SHIPPING LIST UNIT#5

SN O	PKG. NO/SL	NET WT	DESCRIPTION	Quantity	PKG SIZE
1	75001/1	1116	ARRANGE.OF EMBED(ANCHOR POINT)ARRANGE.OF EMBED(ANCHOR POINT)	As Applicable	3100X900X800
2	75001/2	1156	ARRANGE.OF EMBED(ANCHOR POINT)ARRANGE.OF EMBED(ANCHOR POINT)	As Applicable	2700X700X800
3	75001/3	2336	ARRANGE.OF EMBED(ANCHOR POINT)ARRANGE.OF EMBED(ANCHOR POINT)	As Applicable	1800X1250X1100
4	75001/4	1276	ARRANGE.OF EMBED(ANCHOR POINT)-ANCHOR BOX TYPE-A	As Applicable	2500X900X800
5	75001/5	851	ARRANGE.OF EMBED(ANCHOR POINT)ARRANGE.OF EMBED(ANCHOR POINT)	As Applicable	1700X900X800
6	75001/6	1903	ARRANGE.OF EMBED(ANCHOR POINT)ARRANGE.OF EMBED(ANCHOR POINT)	As Applicable	3500X1250X800
7	75001/7	641	ARRANGE.OF EMBED(ANCHOR POINT)-EMBED.FOR LPC GUIDE BOLT	As Applicable	1300X1250X1100
8	75001/8	646	ARRANGE.OF EMBED(ANCHOR POINT)-EMBED.FOR LPC GUIDE BOLT	As Applicable	1300X1350X1100
9	75001/9	1060	ARRANGE.OF EMBED(ANCHOR POINT)-LOOSE ITEMS	As Applicable	1000X1000X650
10	75001/10	676	ARRANGE.OF EMBED(ANCHOR POINT)-ANCHOR RODS/NUTS (L=3000)	As Applicable	1300X1250X1100

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

11	75001/11	3770	ARRANGE.OF EMBED(ANCHOR POINT)ARRANGE.OF EMBED(ANCHOR POINT)	As Applicable	3500X1200X1000
12	75003/1	989	BASE PLATE ASSEMBLY	As Applicable	1550X900X900
13	75003/2	267	BASE PLATE ASSEMBLYBASE PLATE ASSEMBLY	As Applicable	800X800X800
14	75004/0	5160	BASE PLATE ASSEMBLY	As Applicable	2800X1600X600
15	75102/1	14150	LP CASING UPPER PART	As Applicable	8600X3000X3000
16	75102/2	14150	LP CASING UPPER PART	As Applicable	8600X3000X3000
17	75103/1	13950	LP CASING UPPER PART	As Applicable	8600X3000X3000
18	75103/2	13950	LP CASING UPPER PART	As Applicable	8600X3000X3000
19	75104/0	1060	RUPTURE DIAPHRAGM ASSEMBLY	As Applicable	2150X1350X1900
20	75107/1	7900	LP CASING SIDE WALL (LEFT)	As Applicable	6000X5500X200
21	75107/2	7900	LP CASING SIDE WALL (LEFT)	As Applicable	6000X5500X200
22	75108/1	7900	LP CASING SIDE WALL (RIGHT)	As Applicable	6000X5500X200
23	75108/2	7900	LP CASING SIDE WALL (RIGHT)	As Applicable	6000X5500X200
24	75109/1	15500	LP FRONT WALL (TS)	As Applicable	8560X5000X1000
25	75109/2	15500	LP FRONT WALL (TS)	As Applicable	8560X5000X1000
26	75110/1	17000	LP FRONT WALL (GS)	As Applicable	8560X5000X1000
27	75110/2	15500	LP FRONT WALL (GS)	As Applicable	8560X5000X1000
28	75111/1	744	LP SHAFT SEAL CASING - TS	As Applicable	2000X1650X750
29	75111/2	744	LP SHAFT SEAL CASING - TS	As Applicable	2000X1650X750
30	75112/1	744	LP SHAFT SEAL CASING - GS	As Applicable	2000X1650X750
31	75112/2	744	LP SHAFT SEAL CASING - GS	As Applicable	2000X1650X750
32	75113/1	1104	LP SHAFT SEAL COMPENSATOR (TS)	As Applicable	2800X2800X800
33	75113/2	1104	LP SHAFT SEAL COMPENSATOR (TS)	As Applicable	2800X2800X800
34	75114/1	1104	LP SHAFT SEAL COMPENSATOR (GS)	As Applicable	2800X2800X800
35	75114/2	1104	LP SHAFT SEAL COMPENSATOR (GS)	As Applicable	2800X2800X800
36	75115/0	1452	GRATING COVERING FOR LP	As Applicable	1800X500X500
37	75116/1	6648	CASING FRAME SECTION	As Applicable	8200X4900X250
38	75116/2	6648	CASING FRAME SECTION	As Applicable	8200X4900X250
39	75116/3	7501	CASING FRAME SECTION	As Applicable	2400X1600X1200
40	75116/4	4822	CASING FRAME SECTION	As Applicable	2550X900X900
41	75201/0	10600	HP/IP BEARING PEDESTAL	As Applicable	4000X1800X2100
42	75202/0	250	HP/IP BEARING PEDESTAL (PARTS)	As Applicable	1000X600X600
43	75319/4	50	SPARES OF BLOWOUT & HYDRAULIC TEST DEVICE	As Applicable	1400X1400X400
44	75401/0	18201	IP-LP BEARING PEDESTAL ASSLYIP-LP BEARING PEDESTAL ASSLY	As Applicable	7100X1900X2400
45	75402/0	1000	BEARING PEDESTAL (PARTS)	As Applicable	2500X1000X600
46	75501/0	18501	LP/GEN. PEDESTAL ASSEMBLY	As Applicable	7100X1800X2400
47	75502/0	569	BEARING PEDESTAL (PARTS)	As Applicable	1000X1000X650
48	75503/0	20000	LP/LP PEDESTAL ASSEMBLY	As Applicable	6400X2000X2100
49	75505/0	1010	BEARING PEDESTAL (PARTS)	As Applicable	1100X800X500
50	75601/1	5000	FRONT BEARING PEDESTAL	As Applicable	3400X1400X1600
51	75601/2	566	HYDRALLIC TURNING MOTOR	As Applicable	1300X1000X900
52	75601/3	200	FRONT BEARING PEDESTALS(PARTS)	As Applicable	1000X600X600
53	75705/1	991	LP EXTRACTION A1	As Applicable	5100X1100X1050
54	75705/2	991	LP EXTRACTION A1	As Applicable	5100X1100X1050
55	75706/1	991	LP EXTRACTION A1	As Applicable	5100X1100X1050
56	75706/2	991	LP EXTRACTION A1	As Applicable	5100X1100X1050
57	75707/1	181	LP EXTRACTION A1	As Applicable	1500X1100X900

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58	75707/2	181	LP EXTRACTION A1	As Applicable	1500X1100X900
59	75707/3	181	LP EXTRACTION A1	As Applicable	1500X1100X900
60	75707/4	181	LP EXTRACTION A1	As Applicable	1500X1100X900
61	75708/1	991	LP EXTRACTION A2	As Applicable	5100X1100X1050
62	75708/2	991	LP EXTRACTION A2	As Applicable	5100X1100X1050
63	75709/1	991	LP EXTRACTION A2	As Applicable	5100X1100X1050
64	75709/2	991	LP EXTRACTION A2	As Applicable	5100X1100X1050
65	75710/1	388	LP EXTRACTION A2	As Applicable	2000X1800X900
66	75710/2	388	LP EXTRACTION A2	As Applicable	2000X1800X900
67	75711/1	1296	LP EXTRACTION A3	As Applicable	3000X1900X900
68	75711/2	1296	LP EXTRACTION A3	As Applicable	3000X1900X900
69	75712/1	1300	LP EXTRACTION A3	As Applicable	2500X1250X1300
70	75712/2	628	LP EXTRACTION A3	As Applicable	3300X1250X750
71	75713/1	1072	LP EXTRACTION A3	As Applicable	4350X1200X1150
72	75713/2	1072	LP EXTRACTION A3	As Applicable	4350X1200X1150
73	75716/1	1046	EXTRACTION PIPE SHEATHING A2	As Applicable	2450X1150X950
74	75716/2	550	EXTRACTION PIPE SHEATHING A2	As Applicable	2200X800X800
75	75716/3	725	EXTRACTION PIPE SHEATHING A3	As Applicable	2000X1000X1200
76	75716/4	360	EXTRACTION PIPE SHEATHING A3	As Applicable	2600X600X500
77	75716/5	1046	EXTRACTION PIPE SHEATHING A2	As Applicable	2450X1150X950
78	75716/6	550	EXTRACTION PIPE SHEATHING A2	As Applicable	2200X800X800
79	75716/7	725	EXTRACTION PIPE SHEATHING A3	As Applicable	2000X1000X1200
80	75716/8	433	EXTRACTION PIPE SHEATHING A3	As Applicable	1200X600X500
81	75717/1	426	COMPENSATORS FOR CASING GUIDE	As Applicable	1550X1550X550
82	75717/2	360	COMPENSATOR FOR CASING GUIDE	As Applicable	1400X1400X550
83	75717/3	360	COMPENSATOR FOR CASING GUIDE	As Applicable	1400X1400X550
84	75717/4	918	LOOSE ITEMS FOR CASING GUIDECOMPENSATORS	As Applicable	1800X1000X650
85	75720/1	26850	LP INNER CASING (U/H)	As Applicable	5510X3957X3235
86	75720/2	26850	LP INNER CASING (U/H)	As Applicable	5510X3957X3235
87	75721/1	49998	LP INNER CASING (L/H)	As Applicable	5480X5482X3313
88	75721/2	49998	LP INNER CASING (L/H)	As Applicable	5480X5482X3313
89	75722/1	2830	ASSEMBLY OF GUIDE BLADE CARRIERS 2L&3L FOR LP1 (U/H)	As Applicable	4200X2300X1000
90	75722/2	2830	ASSEMBLY OF GUIDE BLADE CARRIERS 2R & 3R FOR LP1(U/H)	As Applicable	4200X2300X1000
91	75722/3	2830	ASSEMBLY OF GUIDE BLADE CARRIERS 2L & 3L FOR LP2(U/H)	As Applicable	4200X2300X1000
92	75722/4	2830	ASSEMBLY OF GUIDE BLADE CARRIERS 2R & 3R FOR LP2(U/H)	As Applicable	4200X2300X1000
93	75722/5	4040	ASSEMBLY OF GUIDE BLADECARRIER LP1L (U/H)	As Applicable	2920X1660X1265
94	75722/6	4040	ASSEMBLY OF GUIDE BLADECARRIER LP1R(U/H)	As Applicable	2920X1660X1265
95	75722/7	4040	ASSEMBLY OF GUIDE BLADECARRIER LP2L (U/H)	As Applicable	2920X1660X1265
96	75722/8	4040	ASSEMBLY OF GUIDE BLADECARRIER LP2R (U/H)	As Applicable	2920X1660X1265
97	75723/1	1143	LP CASING ASSEMBLY PARTS	As Applicable	5000X600X600
98	75723/2	1400	LP CASING ASSEMBLY PARTS	As Applicable	1500X1000X700
99	75723/3	14	LP CASING ASSEMBLY PARTSLP CASING ASSEMBLY PARTS	As Applicable	500X500X400
100	75723/4	111	LP CASING ASSEMBLY PARTS	As Applicable	550X800X300
101	75723/5	68	LP CASING ASSEMBLY PARTS	As Applicable	1200X1200X250

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102	75724/1	1584	LP INNER CASING ASSEMBLY(PARTS	As Applicable	3300X1850X300
103	75724/2	1584	LP INNER CASING ASSEMBLY(PARTS	As Applicable	3300X1850X300
104	75801/1	74800	LP ROTOR	As Applicable	7160X3728X3740
105	75801/2	74800	LP ROTOR	As Applicable	7160X3728X3740
106	75901/0	35900	IP ROTOR	As Applicable	6520X2060X2065
107	75902/0	36570	IP OUTER CASING (U/H)	As Applicable	6590X4230X2672
108	75903/0	42205	IP OUTER CASING (L/H)	As Applicable	6225X4200X2365
109	75904/0	30015	IP INNER CASING (U/H)	As Applicable	4340X3360X2050
110	75905/0	35075	IP INNER CASING(L/H)	As Applicable	4340X3660X2110
111	75906/0	1809	SUPPORTING ARMS-IP OUTERCASING	As Applicable	1330X1472X880
112	75907/0	550	IP SHAFT SEALING	As Applicable	1400X1200X900
113	75908/0	6900	IP TURBINE (PARTS)	As Applicable	3000X2500X1600
114	75909/0	365	I.P. TURBINE PARTS I.P. TURBINE PARTS	As Applicable	1400X1400X500
115	76001/0	125520	HP TURBINE	As Applicable	6745X3790X3495
116	76002/0	120	HP INLET ASSEMBLY	As Applicable	1200X800X500
117	76004/0	37	HP TURBINE PARTS	As Applicable	500X500X500
118	76104/0	28960	ESV & CV CASING WITH VALVES	As Applicable	5130X4775X3221
119	76105/1	895	MOUNTING SUPPORT FOR MS VALVES	As Applicable	1700X800X1000
120	76105/2	895	MOUNTING SUPPORT FOR MS VALVES	As Applicable	1700X800X1000
121	76108/0	28960	ESV & CV CASING WITH VALVES	As Applicable	5130X4775X3221
122	76112/0	3100	OVERLOAD VALVE CASINGWITH VALVE	As Applicable	3000X2000X1400
123	76201/0	310	SUSPENSION OF OVERLOAD VALVE	As Applicable	1300X950X1100
124	76202/0	45000	IV & CV CASING WITH VALVES	As Applicable	6370X5600X3600
125	76202/1	88	PARTS OF IV&CV CASING	As Applicable	1800X1000X200
126	76205/1	2450	MOUNTING SUPPORT FOR HRHVALVES	As Applicable	2500X1500X700
127	76205/2	2450	MOUNTING SUPPORT FOR HRHVALVES	As Applicable	2500X1500X700
128	76206/0	45000	IV & CV CASING WITH VALVES	As Applicable	6370X5600X3600
129	76206/1	88	PARTS OF IV&CV CASING	As Applicable	1800X1000X200
130	76301/1	675	SUSPENSION OF LPBP VALVE	As Applicable	3600X700X700
131	76301/2	675	SUSPENSION OF LPBP VALVE	As Applicable	3600X700X700
132	76412/0	515	LEAKAGE OIL TANK	As Applicable	1000X1000X3000
133	76413/0	515	WASTE OIL TANK	As Applicable	1000X1000X3000
134	76601/0	2469	COMPONENTS OF COP ASSEMBLY	As Applicable	3000X2800X1350
135	76602/0	4026	COMPONENTS OF COP ASSEMBLY	As Applicable	3400X3600X2100
136	76603/0	7832	COMPONENTS OF COP ASSEMBLY	As Applicable	3400X3250X3500
137	76604/0	8783	COMPONENTS OF COP ASSEMBLY	As Applicable	5300X2500X2800
138	76605/0	1506	COMPONENTS OF COP ASSEMBLY	As Applicable	3550X1900X900
139	76606/0	14405	COMPONENTS OF COP ASSEMBLY	As Applicable	6300X3200X3200
140	76607/0	5610	COMPONENTS OF COP ASSEMBLY	As Applicable	5100X2450X1700
141	76608/0	5842	COMPONENTS OF COP ASSEMBLY(PARTS)	As Applicable	5800X2600X1000
142	76801/0	36	RATING,COLLABORATION ANDCOMPANY'S MONOGRAM	As Applicable	850X550X200
143	76914/0	27	COMPENSATOR	As Applicable	600X600X900
144	76921/0	8	VALVE BLOCK ASSLY	As Applicable	250X200X200
145	77202/0	102	TEMP. & PRESSURE CONNECTIONS	As Applicable	1000X800X800
146	77203/0	1517	IMPULSE PIPES (CARBON STEEL)	As Applicable	7200X800X800
147	77204/1	469	PRESSURE INSTRUMENTS & SENSORS	As Applicable	2000X1000X700
148	77204/2	167	TEMP. INSTRUMENTS & SENSORSTEMP. INSTRUMENTS & SENSORS	As Applicable	2000X1500X600
149	77204/3	17	LEVEL INSTRUMENTS & SESORLEVEL INST & SENSORS	As Applicable	700X450X450
150	77205/0	38	TRANSMITTERS & J.B.OF BEARINGS	As Applicable	800X800X500

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151	77206/0	49	IMPULSE PIPES(ALLOY STEEL AND SS)	As Applicable	6900X500X500
152	77207/0	1037	IMPULSE PIPESIMPULSE PIPES	As Applicable	7000X300X300
<b>TURBINE NET WEIGHT</b>					<b>1174470</b>
SN O	PKG. NO/SL	NET WT	DESCRIPTION	Quantity	PKG SIZE
1	801/0	10325	FOUNDATION PLATES	As Applicable	6400X1680X950
2	802/0	1008	FOUNDATION BOLTS	As Applicable	2540X655X600
3	803/0	1670	FOUNDATION ITEMS	As Applicable	5800X1120X520
4	805/0	444780	GENERATOR STATOR	As Applicable	10225X5104X484 1
5	806/0	89577	GENERATOR ROTOR	As Applicable	14755X1910X191 5
6	807/0	8250	END SHIELD LOWER HALF (TE)	As Applicable	3800X1500X2242
7	808/0	7250	END SHIELD UPPER HALF (TE)	As Applicable	3800X1500X2242
8	809/0	8300	END SHIELD LOWER HALF (EE)	As Applicable	4100X1500X2390
9	810/0	7300	END SHIELD UPPER HALF (EE)	As Applicable	4100X1500X2390
10	811/0	1803	GENERATOR BEARING (EE & TE)	As Applicable	1240X1050X1255
11	812/0	919	BAFFLE RING CARRIER & AIR GAPSEAL ASSY.	As Applicable	2035X1885X2175
12	813/0	870	TERMINAL BUSHINGS	As Applicable	2360X1624X753
13	814/0	5302	TERMINAL BUSHING BOX	As Applicable	3500X2600X1742
14	815/0	1011	SHAFT SEALS (EE & TE) & OILCATCHER (INNER & OUTER)	As Applicable	2260X2260X690
15	816/0	738	BAFFLE RING ASSEMBLY	As Applicable	1950X1950X1175
16	817/0	131	GENERATOR ACCESSORIES	As Applicable	1150X1150X350
17	818/0	1002	ARRANGEMENT OF TERMINAL BUSHING COMPONENTS	As Applicable	3410X1800X835
18	819/0	500	GENERATOR ACCESSORIES	As Applicable	1220X1020X410
19	820/0	647	GENERATOR ACCESSORIES	As Applicable	1200X1010X820
20	821/0	57	GENERATOR ACCESSORIES	As Applicable	1700X1210X420
21	822/0	316	PRIMARY WATER TANK	As Applicable	1500X1500X2165
22	823/0	1168	PW TANK PIPE LINES	As Applicable	5000X1800X1665
23	824/0	300	PW TANK PIPE LINES	As Applicable	2750X1400X1565
24	826/0	24572	COOLER HOUSING FRAME	As Applicable	4290X4450X1428
25	827/0	80	SEAL RINGS	As Applicable	820X820X300
26	828/0	374	CONNECTION PIECE ASSEMBLY	As Applicable	1522X1050X500
27	830/0	100	GENERATOR TERMINAL BOXES	As Applicable	1220X1020X810
28	831/0	115	DRY AIR BLOWER	As Applicable	1360X1190X1625
29	837/0	26930	BRUSHLESS EXCITER SET	As Applicable	5900X2435X2910
30	839/0	392	DRY AIR BLOWER AND ACCESSORIES	As Applicable	1800X1500X1100
31	840/0	1752	EXCITER BED PLATE ACCESSORIES	As Applicable	4500X1200X1200
32	842/0	600	EXCITER ACCESSORIES	As Applicable	2250X1850X600
33	843/0	440	EXCITER FOUNDATION ACCESSORIES	As Applicable	1120X720X740
34	844/0	1980	RR WHEEL AIR GUIDE COVER	As Applicable	2300X2090X2020
35	845/0	1824	SEAL OIL STORAGE TANK	As Applicable	5000X1800X2185
36	846/1	3828	PW PUMP AND FILTER UNIT-PART I	As Applicable	4300X2600X3465
37	846/2	1914	PW PUMP AND FILTERUNIT-PART II	As Applicable	4300X2600X3465
38	846/3	454	ION EXCHANGER UNIT	As Applicable	2550X1750X2725
39	848/1	2237	DOUBLE FLOW S.O.U.-PART I	As Applicable	3600X2500X2665
40	848/2	1216	DOUBLE FLOW S.O.U. -PART II	As Applicable	3200X2300X2865
41	848/3	780	DOUBLE FLOW S.O.U. -PART III	As Applicable	3100X1400X2365
42	849/0	328	LIQUID DETECTOR RACK	As Applicable	2500X840X2340
43	850/0	897	GAS UNIT	As Applicable	2550X1750X2725

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44	851/0	236	CO2 VAPOURISER	As Applicable	1800X900X880
45	852/0	173	H2 DISTRIBUTOR	As Applicable	3750X1800X840
46	853/0	140	CO2 DISTRIBUTOR	As Applicable	4900X1200X665
47	855/0	89	DRAIN OIL COLLECTOR	As Applicable	2000X550X715
48	856/0	56	RESIN	As Applicable	1200X600X715
49	857/0	1587	TG SYSTEM INTEGRAL PIPING VLV	As Applicable	2750X1400X1565
50	858/0	136	TG SYSTEM INTEGRAL PIPING INST	As Applicable	1000X940X1065
51	859/0	17	CONSUMABLES	As Applicable	1200X600X720
<b>GENERATOR NET WEIGHT</b>					<b>666471</b>
<b>SN O</b>	<b>PKG. NO/SL</b>	<b>NET WT</b>	<b>DESCRIPTION</b>	<b>Quantity</b>	<b>PKG SIZE</b>
1	78001/1	8175	HOTWELL - I (CONDENSER-1)	As Applicable	10400X2700X1450
2	78001/2	7950	HOTWELL - II (CONDENSER-2)	As Applicable	10400X2700X1450
3	78004/1	5567	FRONT END BOTTOM PLATE	As Applicable	7860X2175X1134
4	78004/2	5567	FRONT END BOTTOM PLATE	As Applicable	7860X2175X1134
5	78005/1	3966	REAR END BOTTOM PLATE	As Applicable	7860X1405X1262
6	78005/2	3966	REAR END BOTTOM PLATE	As Applicable	7860X1405X1262
7	78006/1	8170	MIDDLE BOTTOM PLATE-1	As Applicable	7860X3850X1029
8	78006/2	8170	MIDDLE BOTTOM PLATE-1	As Applicable	7860X3850X1029
9	78007/1	8528	MIDDLE BOTTOM PLATE-2	As Applicable	7860X3850X1063
10	78007/2	8528	MIDDLE BOTTOM PLATE-2	As Applicable	7860X3850X1063
11	78008/1	8472	MIDDLE BOTTOM PLATE-3	As Applicable	7860X3850X1096
12	78008/2	8472	MIDDLE BOTTOM PLATE-3	As Applicable	7860X3850X1096
13	78010/1	225	BOTTOM PLATE (LOOSE ITEMS)	As Applicable	1000X400X350
14	78010/2	225	BOTTOM PLATE (LOOSE ITEMS)	As Applicable	1000X400X350
15	78014/1	1680	LOOSE ITEMS (COND.SUPPORT)	As Applicable	2600X2000X550
16	78014/2	3050	LOOSE ITEMS (COND. SUPPORT)	As Applicable	4000X2100X800
17	78018/1	1385	LOOSE ITEMS(COND. SUPPORT)	As Applicable	1550X1100X1000
18	78018/2	1385	LOOSE ITEMS(COND SUPPORT)	As Applicable	1550X1100X1000
19	78019/1	3700	LOOSE ITEMS(COND SUPPORT)	As Applicable	1200X1200X900
20	78019/2	3700	LOOSE ITEMS(COND. SUPPORT)	As Applicable	1200X1200X900
21	78021/1	27264	FRONT WATER BOX AND WATERCHAMBER(GEN.SIDE)	As Applicable	6886X4030X3210
22	78021/2	27264	FRONT WATER BOX AND WATERCHAMBER (GEN.SIDE)	As Applicable	6886X4030X3210
23	78024/1	27264	FRONT WATER BOX AND WATERCHAMBER (TUR.SIDE)	As Applicable	6886X4030X3210
24	78024/2	27264	FRONT WATER BOX AND WATERCHAMBER (TUR.SIDE)	As Applicable	6886X4030X3210
25	78027/1	27369	REAR WATER BOX AND WATERCHAMBER (GEN.SIDE)	As Applicable	7014X4030X3210
26	78027/2	32052	REAR WATER BOX AND WATERCHAMBER (GEN.SIDE)	As Applicable	7014X4030X4610
27	78030/1	32052	REAR WATER BOX AND WATERCHAMBER (TUR.SIDE)	As Applicable	7014X4030X4610
28	78030/2	27369	REAR WATER BOX AND WATERCHAMBER (TUR.SIDE)	As Applicable	7014X4030X3210
29	78032/1	2301	SIDE WALL(TUR.END-PLATES)CONDENSER-1	As Applicable	6920X1170X40
30	78032/2	2301	SIDE WALL(TUR.END-PLATES)CONDENSER-2	As Applicable	6920X1170X40
31	78033/1	13475	SIDE WALL(TUR.END-PLATES)CONDENSER-1	As Applicable	6920X2480X100

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

32	78033/2	13475	SIDE WALL(TUR.END-PLATES)CONDENSER-2	As Applicable	6920X2480X100
33	78034/1	633	SIDE WALL(TUR.END-LOOSE ITEMS)CONDENSER-1	As Applicable	5100X450X350
34	78034/2	633	SIDE WALL(TUR.END-LOOSE ITEMS)CONDENSER-2	As Applicable	5100X450X350
35	78041/1	2301	SIDE WALL(GEN.END-PLATES)CONDENSER-1	As Applicable	6920X1170X40
36	78041/2	2301	SIDE WALL(GEN.END-PLATES)CONDENSER-2	As Applicable	6920X1170X40
37	78042/1	13475	SIDE WALL(GEN.END-PLATES)CONDENSER-1	As Applicable	2200X900X1200
38	78042/2	13475	SIDE WALL(GEN.END-PLATES)CONDENSER-2	As Applicable	6920X2480X100
39	78046/1	633	SIDE WALL(GEN.END-LOOSE ITEMS)CONDENSER-1	As Applicable	5100X450X350
41	78047/1	5481	SHELL INTERNAL STIFFENING RODS	As Applicable	3616X950X580
42	78047/2	5481	SHELL INTERNAL STIFFENING RODS	As Applicable	3616X950X580
43	78048/1	5481	SHELL INTERNAL STIFFENING RODS	As Applicable	3616X950X580
44	78048/2	5481	SHELL INTERNAL STIFFENING RODS	As Applicable	3616X950X580
45	78049/1	5481	SHELL INTERNAL STIFFENING RODS	As Applicable	3616X950X580
46	78049/2	5481	SHELL INTERNAL STIFFENING RODS	As Applicable	3616X950X580
47	78050/1	5481	SHELL INTERNAL STIFFENING RODS	As Applicable	3616X950X580
48	78050/2	5481	SHELL INTERNAL STIFFENING RODS	As Applicable	3616X950X580
49	78051/1	5220	SHELL INTERNAL STIFFENING RODS	As Applicable	3616X950X580
50	78051/2	5220	SHELL INTERNAL STIFFENING RODS	As Applicable	3616X950X580
51	78052/1	5220	SHELL INTERNAL STIFFENING RODS	As Applicable	3616X950X580
52	78052/2	5220	SHELL INTERNAL STIFFENING RODS	As Applicable	3616X950X580
53	78053/1	5220	SHELL INTERNAL STIFFENING RODS	As Applicable	3616X950X580
54	78053/2	5220	SHELL INTERNAL STIFFENING RODS	As Applicable	3616X950X580
55	78054/1	1370	SHELL INTERNAL STIFFENING RODS	As Applicable	1000X700X700
56	78054/2	1370	SHELL INTERNAL STIFFENING RODS	As Applicable	1000X700X700
57	78055/1	802	SHELL INTERNAL STIFFENING RODS	As Applicable	3700X500X500
58	78055/2	802	SHELL INTERNAL STIFFENING RODS	As Applicable	3700X500X500
59	78056/1	802	SHELL INTERNAL STIFFENING RODS	As Applicable	3700X500X500
60	78056/2	802	SHELL INTERNAL STIFFENING RODS	As Applicable	3700X500X500
61	78057/1	792	SHELL INTERNAL STIFFENING RODS	As Applicable	3700X500X500
62	78057/2	792	SHELL INTERNAL STIFFENING RODS	As Applicable	3700X500X500
63	78058/1	1616	AIR EXTRACTION PIPINGCONDENSER- 1	As Applicable	6300X1000X800
64	78058/2	1616	AIR EXTRACTION PIPINGCONDENSER- 2	As Applicable	6300X1000X800
65	78059/1	5808	TUBE SUPPORT PLATE	As Applicable	5800X3820X185
66	78059/2	5808	TUBE SUPPORT PLATE	As Applicable	5800X3820X185
67	78060/1	5808	TUBE SUPPORT PLATE	As Applicable	5800X3820X185
68	78060/2	5808	TUBE SUPPORT PLATE	As Applicable	5800X3820X185
69	78061/1	5808	TUBE SUPPORT PLATE	As Applicable	5800X3820X185
70	78061/2	5808	TUBE SUPPORT PLATE	As Applicable	5800X3820X185
71	78062/1	5808	TUBE SUPPORT PLATE	As Applicable	5800X3820X185
72	78062/2	5808	TUBE SUPPORT PLATE	As Applicable	5800X3820X185
73	78063/1	5808	TUBE SUPPORT PLATE	As Applicable	5800X3820X185
74	78063/2	5808	TUBE SUPPORT PLATE	As Applicable	5800X3820X185
75	78064/1	5808	TUBE SUPPORT PLATE	As Applicable	5800X3820X185
76	78064/2	5808	TUBE SUPPORT PLATE	As Applicable	5800X3820X185
77	78065/1	4356	TUBE SUPPORT PLATE	As Applicable	5800X3820X173

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78	78065/2	4356	TUBE SUPPORT PLATE	As Applicable	5800X3820X173
79	78066/1	4356	TUBE SUPPORT PLATE	As Applicable	5800X3820X173
80	78066/2	4356	TUBE SUPPORT PLATE	As Applicable	5800X3820X173
81	78067/1	4356	TUBE SUPPORT PLATE	As Applicable	5800X3820X173
82	78067/2	4356	TUBE SUPPORT PLATE	As Applicable	5800X3820X173
83	78068/1	4356	TUBE SUPPORT PLATE	As Applicable	5800X3820X173
84	78068/2	4356	TUBE SUPPORT PLATE	As Applicable	5800X3820X173
85	78069/1	3240	SHELL INTERNAL DETAILS	As Applicable	1700X900X1100
86	78069/2	3240	SHELL INTERNAL DETAILS	As Applicable	1700X900X1100
87	78070/1	4615	SHELL INTERNAL DETAILS	As Applicable	6000X900X900
88	78070/2	4615	SHELL INTERNAL DETAILS	As Applicable	6000X900X900
89	78071/1	2685	SHELL INTERNAL DETAILS	As Applicable	1300X1200X900
90	78071/2	2685	SHELL INTERNAL DETAILS	As Applicable	1300X1200X900
91	78072/1	1145	SHELL INTERNAL DETAILS	As Applicable	900X900X800
92	78072/2	1145	SHELL INTERNAL DETAILS	As Applicable	900X900X800
93	78074/1	11319	LOWER DOME WALL(TS)(CONDENSER -1)	As Applicable	10100X3800X350
94	78074/2	3935	LOWER DOME WALL(TS)(CONDENSER -2)	As Applicable	7249X1897X300
95	78075/1	6396	LOWER DOME WALL(TS)(CONDENSER -1)	As Applicable	10760X2220X300
96	78075/2	3947	LOWER DOME WALL(TS)(CONDENSER -2)	As Applicable	7315X1897X500
97	78076/1	1556	LOWER DOME WALL(TS)CONDENSER- 1	As Applicable	2350X3700X300
98	78076/2	8223	LOWER DOME WALL(TS)CONDENSER- 2	As Applicable	12730X3400X750
99	78077/1	1591	LOWER DOME WALL(TS)CONDENSER- 1	As Applicable	2250X3686X300
100	78077/2	4842	LOWER DOME WALL(TS)CONDENSER- 2	As Applicable	10295X1875X650
101	78078/1	640	LOWER DOME WALL (TS)CONDENSER -1	As Applicable	8500X300X50
102	78078/2	644	LOOSE ITEMS( LOWER DOME WALLTS)CONDENSER-2	As Applicable	8488X300X150
103	78079/2	232	LOWER DOME WALL(TS)CONDENSER- 2	As Applicable	700X400X500
104	78101/1	645	LOWER DOME WALL ( GS)CONDENSER-1	As Applicable	8475X300X150
105	78101/2	11563	LOWER DOME WALL ( GS)CONDENSER-2	As Applicable	10000X3900X300
106	78102/1	7647	LOWER DOME WALL ( GS)CONDENSER-1	As Applicable	10805X3000X700
107	78102/2	6396	LOWER DOME WALL (GS)CONDENSER -2	As Applicable	10760X2220X300
108	78103/1	7532	LOWER DOME WALL (GS)CONDENSER -1	As Applicable	12796X2700X600
109	78103/2	1556	LOWER DOME WALL (GS)CONDENSER -2	As Applicable	2350X3700X300
110	78104/1	3802	LOWER DOME WALL(GS)CONDENSER- 1	As Applicable	7315X1826X300
111	78104/2	1637	LOWER DOME WALL(GS)CONDENSER- 2	As Applicable	2315X3686X300
112	78105/1	3808	LOWER DOME WALL(GS)CONDENSER -1	As Applicable	7250X1826X600
113	78105/2	640	LOWER DOME WALL (GS)CONDENSER-2	As Applicable	8492X300X50
114	78106/1	1230	LOWER DOME WALL (GEN SIDE)CONDENSER-1	As Applicable	2600X1400X1050
115	78106/2	11	LOWER DOME WALL (GEN SIDE)CONDENSER-2	As Applicable	700X700X700
116	78107/1	381	LOOSE ITEM L D WALL (FWB)CONDENSER-1	As Applicable	7000X250X100
117	78107/2	381	LOOSE ITEM L D WALL (FWB)CONDENSER-2	As Applicable	7000X250X100
118	78108/1	4434	LOWER DOME WALL(FWB)CONDENSER-1	As Applicable	7960X1574X700

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119	78108/2	3943	LOWER DOME WALL ( FWB)CONDENSER-2	As Applicable	7960X1574X700
120	78109/1	3635	LOWER DOME WALL (FWB)CONDENSER-1	As Applicable	7470X2300X650
121	78109/2	4386	LOWER DOME WALL (FWB)CONDENSER-2	As Applicable	7500X2500X700
122	78110/1	5115	LOWER DOME WALL(FWB)CONDENSER-1	As Applicable	6870X2500X300
123	78110/2	5115	LOWER DOME WALL (FWB)CONDENSER-2	As Applicable	6870X2500X300
124	78111/1	1754	LOWER DOME WALL (FWB)CONDENSER-1	As Applicable	6070X1400X500
125	78111/2	1759	LOWER DOME WALL (FWB)CONDENSER-2	As Applicable	6070X1300X500
126	78112/1	493	LOOSE ITEMSLOWER DOME WALL (FWB)COND.-1	As Applicable	2700X1600X600
127	78112/2	484	LOOSE ITEMSLOWER DOME WALL (FWB)COND.-2	As Applicable	2700X1600X600
128	78113/1	3600	LOWER DOME WALL(RWB)(CONDENSER-1)	As Applicable	7970X1780X700
129	78113/2	3722	LOWER DOME WALL(RWB)(CONDENSER-2)	As Applicable	7960X1780X300
130	78114/0	0		As Applicable	0X0X0
131	78114/1	4494	LOWER DOME WALL(RWB)(CONDENSER-1)	As Applicable	7396X2500X1425
132	78114/2	4472	LOWER DOME WALL(RWB)(CONDENSER-2)	As Applicable	7396X2700X1500
133	78115/1	4776	LOWER DOME WALL(RWB)CONDENSER-1	As Applicable	6598X3200X700
134	78115/2	4767	LOWER DOME WALL(RWB)CONDENSER-2	As Applicable	6598X3200X700
135	78116/1	583	LOWER DOME WALL(RWB)CONDENSER-1	As Applicable	5800X400X250
136	78116/2	583	LOWER DOME WALL(RWB)CONDENSER-2	As Applicable	5864X400X250
137	78117/1	1725	LOWER DOME WALL(RWB)CONDENSER-1	As Applicable	7800X1600X600
138	78117/2	1920	LOWER DOME WALL(RWB)CONDENSER-2	As Applicable	7800X1600X600
139	78118/1	880	LOOSE ITEMSLOWER DOME WALL (RWB)COND.-1	As Applicable	2100X2100X1800
140	78118/2	880	LOOSE ITEMSLOWER DOME WALL (RWB)COND.-2	As Applicable	2100X2100X1800
141	78121/1	5856	DOME INTERNAL STIFFENINGCONDNSER-1	As Applicable	5500X2300X1100
142	78121/2	4404	DOME INTERNAL STIFFENINGCONDENSER-2	As Applicable	5500X2300X1100
143	78122/1	3223	DOME INTERNAL STIFFENINGCONDENSER-1	As Applicable	5800X550X1050
144	78122/2	2918	DOME INTERNAL STIFFENINGCONDENSER-2	As Applicable	2700X1300X1200
145	78123/1	348	DOME INTERNAL STIFFENINGCONDENSER-1	As Applicable	1500X700X600
146	78123/2	1085	DOME INTERNAL STIFFENINGCONDENSER-2	As Applicable	2200X800X550
147	78124/1	3000	DOME INTERNAL STIFFENINGCONDENSER-1	As Applicable	2700X1300X1200
148	78124/2	1170	DOME INTERNAL STIFFENINGCONDENSER-2	As Applicable	5300X450X250
149	78125/1	383	DOME INTERNAL STIFFENINGCONDENSER-1	As Applicable	900X600X500
150	78125/2	1778	DOME INTERNAL STIFFENINGCONDENSER-2	As Applicable	5800X700X700
151	78126/1	5576	DOME INTERNAL STIFFENINGCONDENSER-1	As Applicable	3200X1300X1600
152	78126/2	4177	DOME INTERNAL STIFFENINGCONDENSER-2	As Applicable	3100X1500X1600
153	78127/1	4303	LOOSE ITEMS DOME INTERNALSTIFFENINGCOND.-1	As Applicable	3500X1600X1200
154	78127/2	6828	LOOSE ITEMS DOME INTERNALSTIFFENINGCOND.-2	As Applicable	3150X1500X1600
155	78129/1	745	LP HEATER SUPPORT ARRANGEMENTLOOSE ITEMS	As Applicable	1200X800X800

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156	78129/2	745	LP HEATER SUPPORT ARRANGEMENT LOOSE ITEMS	As Applicable	1200X800X800
157	78130/1	1880	LP HEATER SUPPORT ARRANGEMENT LOOSE ITEMS	As Applicable	7750X1100X700
158	78130/2	1880	LP HEATER SUPPORT ARRANGEMENT LOOSE ITEMS	As Applicable	7750X1100X700
159	78132/1	1570	UPPER DOME WALL (TURBINE SIDE) CONDENSER-1	As Applicable	5755X710X300
160	78132/2	2220	UPPER DOME WALL (TURBINE SIDE) CONDENSER-2	As Applicable	8232X710X300
161	78133/1	1570	UPPER DOME WALL (GEN SIDE) CONDENSER-1	As Applicable	5755X710X300
162	78133/2	2220	UPPER DOME WALL (GEN SIDE) CONDENSER-2	As Applicable	8232X710X300
163	78136/1	1570	UPPER DOME WALL (FWB) CONDENSER-1	As Applicable	5755X700X300
164	78136/2	1570	UPPER DOME WALL (FWB) CONDENSER-2	As Applicable	5755X700X300
165	78137/1	2220	UPPER DOME WALL (RWB) CONDENSER-1	As Applicable	8232X710X300
166	78137/2	2220	UPPER DOME WALL (RWB) CONDENSER-2	As Applicable	8232X710X300
167	78142/1	6346	FRONT W/BOX HINGE ARRANGEMENT	As Applicable	2200X900X1200
168	78142/2	1852	FRONT W/BOX HINGE ARRANGEMENT	As Applicable	2350X900X650
169	78143/1	2948	REAR W/BOX HINGE ARRANGEMENT	As Applicable	1800X900X1200
170	78143/2	1308	REAR W/BOX HINGE ARRANGEMENT	As Applicable	1900X900X650
171	78144/1	318	FRONT W/BOX HINGE ARRANGEMENT	As Applicable	850X850X600
172	78144/2	318	FRONT W/BOX HINGE ARRANGEMENT	As Applicable	850X850X600
173	78145/1	318	REAR W/BOX HINGE ARRANGEMENT	As Applicable	850X850X600
174	78145/2	318	REAR W/BOX HINGE ARRANGEMENT	As Applicable	850X850X600
175	78146/1	552	FRONT W/BOX HINGE ARRANGEMENT	As Applicable	2400X650X400
176	78146/2	552	FRONT W/BOX HINGE ARRANGEMENT	As Applicable	2400X650X400
177	78147/1	552	REAR W/BOX HINGE ARRANGEMENT	As Applicable	2400X650X400
178	78147/2	552	REAR W/BOX HINGE ARRANGEMENT	As Applicable	2400X650X400
179	78150/1	890	FRONT W/BOX HINGE ARRANGEMENT	As Applicable	1495X1140X400
180	78150/2	890	FRONT W/BOX HINGE ARRANGEMENT	As Applicable	1495X1140X400
181	78151/1	890	REAR W/BOX HINGE ARRANGEMENT	As Applicable	1495X1140X400
182	78151/2	890	REAR W/BOX HINGE ARRANGEMENT	As Applicable	1495X1140X400
183	78157/1	396	CONDENSER (LOOSE ITEMS)	As Applicable	1050X1050X650
184	78157/2	396	CONDENSER (LOOSE ITEMS)	As Applicable	1050X1050X650
185	78158/1	80	COND. LOOSE ITEMS (RUBBER CORD FOR BOTH CONDENSER)	As Applicable	1000X700X700
186	78158/2	80	COND. LOOSE ITEMS (RUBBER CORD FOR BOTH CONDENSER)	As Applicable	1000X700X700
187	78159/1	2300	FASTENERS (CONDENSER)	As Applicable	1500X1300X1000
188	78159/2	2300	FASTENERS (CONDENSER)	As Applicable	1500X1300X1000
189	78165/1	1860	CONDENSER LOOSE ITEMS	As Applicable	6300X900X600
190	78165/2	48	CONDENSER LOOSE ITEMS	As Applicable	550X550X250
191	78166/0	195	CONDENSER STAND PIPE NO.1 LOOSE ITEMS FOR (FOR BOTH COND)	As Applicable	3200X400X500
192	78167/1	354	STAND PIPE NO.1 (CONDENSER 1&2)	As Applicable	3700X700X600
193	78167/2	354	STAND PIPE NO.2 (CONDENSER 1&2)	As Applicable	3700X700X600
194	78169/0	194	CONDENSER STAND PIPES NO.2 LOOSE ITEMS FOR (FOR BOTH COND)	As Applicable	3200X400X500
195	78175/1	82	CONDENSER INSTRUMENTATION	As Applicable	1500X800X800
196	78175/2	82	CONDENSER INSTRUMENTATION	As Applicable	1500X800X800
197	78176/1	655	CONDENSER INSTRUMENTATION	As Applicable	1500X1300X700
198	78176/2	655	CONDENSER INSTRUMENTATION	As Applicable	1500X1300X700

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199	78301/0	1850	GLAND STEAM CONDENSER	As Applicable	1750X1700X1700
200	78304/0	34	LOOSE ITEMS OF GSC	As Applicable	800X450X350
201	78305/0	10	LOOSE ITEMS OF GSC (FRAGILE)	As Applicable	700X600X500
202	78315/1	39210	DUPLEX LP HEATER(CONDENSER-1)	As Applicable	17000X2200X2300
203	78315/2	39210	DUPLEX LP HEATER(CONDENSER-2)	As Applicable	17000X2200X2300
204	78316/1	100	DUPLEX LPH STAND PIPE(CONDENSER-1)	As Applicable	1800X900X600
205	78316/2	100	DUPLEX LPH STAND PIPE(CONDENSER-2)	As Applicable	1800X900X600
206	78317/1	73	DUPLEX LP HEATER LOOSE ITEMS(CONDENSER-1)	As Applicable	2100X2100X300
207	78317/2	73	DUPLEX LP HEATER LOOSE ITEMS(CONDENSER-2)	As Applicable	2100X2100X300
208	78318/1	265	DUPLEX LPH INSTRUMENTATIONFRAGILE(CONDE NSER-1)	As Applicable	800X600X600
209	78318/2	265	DUPLEX LPH INSTRUMENTATIONFRAGILE(CONDE NSER-2)	As Applicable	800X600X600
210	78319/1	250	DUPLEX LPH INSTRUMENTATIONNON -FRAGILE(CONDENSER-1)	As Applicable	2200X600X800
211	78319/2	250	DUPLEX LPH INSTRUMENTATIONNON -FRAGILE(CONDENSER-2)	As Applicable	2200X600X800
212	78320/1	332	TROLLEY FOR DUPLEX LP HEATER(CONDENSER-1)	As Applicable	1350X800X200
213	78320/2	332	TROLLEY FOR DUPLEX LP HEATER(CONDENSER-2)	As Applicable	1350X800X200
214	78424/0	4155	HYDROGEN COOLER	As Applicable	5200X1270X1300
215	78425/0	4155	HYDROGEN COOLER	As Applicable	5200X1270X1300
216	78428/0	800	LOOSE ITEMS (HYDROGEN COOLER)	As Applicable	1270X1150X600
217	78431/0	1070	EXCITER AIR COOLER	As Applicable	3450X900X760
218	78432/0	1070	EXCITER AIR COOLER	As Applicable	3450X900X760
<b>CONDENSER NET WEIGHT</b>					<b>950290</b>

## HEAT EXCHANGERS AND ASSOCIATED ACCESSORIES

SN O	PKG. NO/SL	NET WT	DESCRIPTION	Quantity	PKG SIZE
1	17505576	67,000.00 0	HP HEATER-6A ASSEMBLY(YADADRI 5X800MW)	1.000	NA
2	17507285	67,000.00 0	HP HEATER-6B ASSEMBLY(YADADRI 5X800MW)	1.000	NA
3	17509305	99,200.00 0	HP HEATER-7A ASSEMBLY	1.000	NA
4	17510305	99,200.00 0	HP HEATER-7B ASSEMBLY	1.000	NA
5	17511299	81,900.00 0	H.P.HEATER-8A ASSLY	1.000	NA
6	17512299	81,900.00 0	H.P.HEATER-8B ASSLY	1.000	NA
7	17521199	21,100.00 0	DESUPERHEATER FOR HPH-6A ASSEMBLY	1.000	NA
8	17522199	21,100.00 0	DESUPERHEATER FOR HPH-6B ASSEMBLY	1.000	NA
9	16226522	33,900.00 0	L.P.HEATER-3 ASSEMBLY	1.000	NA
10	16231259	27,315.00 0	L.P.HEATER-4 ASSEMBLY	1.000	NA

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11	16231259	65,000.00 0	Heater Accessories (stand pipes, valves etc)		
12	16311002	51,873.00 0	DEAERATOR ST.TANK ASSLY. (SEC-I)	1.000	NA
13	16312002	47,407.00 0	DEAERATOR ST.TANK ASSLY. (SEC-II)	1.000	NA
14	16313002	50,551.00 0	DEAERATOR ST.TANK ASSLY. (SEC-III)	1.000	NA
15	16316002	3,76,000. 000	DEAERATOR HEATER ASSLY and Accessories	1.000	NA
16	16201129	13,000.00 0	DRAINCOOLER ASSEMBLY OF YADADRI 5X800 MW	1.000	NA
<b>HEAT EXCHANGERS NET WEIGHT</b>				<b>12,03,446.000</b>	

## PUMPS (CW, CEP and BFPS)

SN O	PKG. NO/SL	NET WT	DESCRIPTION	Quantity	PKG SIZE
1		1,45,000. 000	ASSEMBLED TURBINE TDBFP and Accessories	1.000	NA
2		1,45,000. 000	ASSEMBLED TURBINE TDBFP and Accessories	1.000	NA
19		25,000.00 0	TDBFP LUBE OIL SYSTEM ALONG WITH ALL ACCESSORIES	1.000	NA
20		25,000.00 0	TDBFP LUBE OIL SYSTEM ALONG WITH ALL ACCESSORIES	1.000	NA
21		2,000.000	EOP ASSEMBLY	1.000	NA
22	18035002	20,000.00 0	BFP HYD COUPLING WITH ACCS-800MW	1.000	NA
23	18035003	4,000.000	HC WORKING OIL VISCOSITY GR:32 ISO VG32	4,000.000	NA
24	18035004	9,650.000	HC WORKING OIL VISCOSITY GR:32 ISO VG32	9,650.000	NA
25	18910001	16,000.00 0	BP SKID ASSLY, MLC 450X350H-TD	1.000	NA
26	18910001	16,000.00 0	BP SKID ASSLY, MLC 450X350H-TD	1.000	NA
27	18910001	16,000.00 0	BP SKID ASSLY, MLC 450X350H-TD	1.000	NA
28	18010001	29,000.00 0	BFP SKID ASSY	1.000	NA
29	18010001	29,000.00 0	BFP SKID ASSY	1.000	NA
30	18010001	29,000.00 0	BFP SKID ASSY		
31	18111001	10,000.00 0	CEP ASSEMBLY 144RND-PV-800 (BHEL)	1.000	NA
32	18111001	10,000.00 0	CEP ASSEMBLY 144RND-PV-800 (BHEL)	1.000	NA
33	18111001	10,000.00 0	CEP ASSEMBLY 144RND-PV-800 (BHEL)	1.000	NA
34	18111001	3,500.000	DRIP PUMP (EN8H32M-1D)ASSY (SS IM, MSEAL	1.000	NA
35	18111001	3,500.000	DRIP PUMP (EN8H32M-1D)ASSY (SS IM, MSEAL	1.000	NA
36	18236004	9,000.000	CWP PUMP-1 and Assesories of Unit#5	1.000	NA
37	18236004	9,000.000	CWP PUMP-2 and Assesories of Unit#5	1.000	NA
38	18236004	9,000.000	CWP PUMP-3 and Assesories of Unit#5	1.000	NA
39	18236004	9,000.000	CWP PUMP-4 and Assesories of Unit#5	1.000	NA

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40	18236004	9,000.000	CWP PUMP-5 and Assesories of Unit#5	1.000	NA
41	na	12,000.000	Miscellaneous Items	1.000	NA
<b>PUMPS NET WEIGHT</b>					<b>6,04,650.000</b>

## PEM SHIPING LIST DOSING SYSTEMS

Sl No.	PGMA	Weight	Description	Quantity	Dimensions
1	NA	5,100.000	Hydrazine Dosing system	1.000	5500X3000X4500
2	NA	4,500.000	Ammonia Dosing system	1.000	5500X3000X4500
3	NA	1,000.000	NaOH Dosing System	1.000	3000X3000X3000
4	NA	800.000	Oxygen Dosing system	2.000	3000X600X1500
<b>DOSING SYSTEMS NET WEIGHT</b>					<b>11,400.000</b>

## SG CRANE

Sl No.	PGMA	Weight	Description	Quantity	Dimensions
1	8 MT	7500	AIR COMPRESSOR HOUSE (8MT)	1	US
2	10 MT	7800	DG BUILDING-3 (10 MT)	1	US
3	10 MT	7800	Workshop	1	EOT
4	5 MT	500	RW PUMP HOUSE SCREEN & GATE HANDLING	1	US
5	5 MT	500	Outside RAW WATER Pump House	1	SEMI GANTRY
6	5 MT	500	RW PUMP HOUSE SCREEN & GATE HANDLING	1	GANTRY
7	10 MT	7800	Store Building	17	EOT
8	5 MT	500	CW PUMP HOUSE SCREEN & GATE HANDLING-UNIT-3,4,5 (5 MT)	1	SEMI GANTRY
<b>SINGLE GIRDER CRANES NET WEIGHT</b>					<b>15,800</b>

## ELECTRICAL HOIST

Sl No.	Capacity	Weight	Description	Quantity	Type
1	5 MT	800	VACUUM PUMP MOTOR HANDLING AT EL:0.0M AB-BAY (LHS) of Individual Unit	3	EH
2	5 MT	800	VACUUM PUMP MOTOR HANDLING AT EL:0.0M AB-BAY (RHS) of Individual Unit	3	EH
3	5 MT	800	SCS HANDLING AT EL:0.0M AB-BAY of Individual Unit	3	EH
4	15 MT	3000	CW BFV HANDLING CW PIT AB-BAY of Individual Unit	3	EH
5	5 MT	800	DMCW PUMPS (TG & SG) AT EL:0.0M AB-BAY of Individual Unit	3	EH
6	5 MT	800	DRIP PUMP of Individual Unit	3	EH
7	3 MT	300	DM Transfer Pump House	1	EH
8	3 MT	300	Condensate Transfer Pump House (Unit-3,4&5) Stage#2	1	EH
9	1 MT	200	Lube oil unloading of individual Unit	1	EH
10	10 MT	500	Boiler MCC Room	3	EH
11	10 MT	1600	ESP Control Room of Stage#2	2	EH

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12	3 MT	600	ELEVATOR MACHINE ROOM - TG BUILDING of Stage#2	2	EH
13	5 MT	400	RW PUMP HOUSE SCREEN & GATE HANDLING of Stage#1	1	EH
14	3 MT	400	Booster Pump House	1	EH
<b>ELECTRIC HOISTS NET WEIGHT</b>					<b>10,100</b>
<b>CHAIN PULLEY BLOCKS</b>					
Sl No.	Capacity	Weight (Unit)	Description	Quantity	TYPE
1	2 MT	320	TDBFP OIL COOLER TUBE BUNDLE HANDLING AT EL:0.0M of Individual Unit	4	CPB + TT
2	1 MT	60	Lube oil unloading of individual Unit	1	CPB + TT
3	2 MT	70	FUEL OIL UNLOADING PH of Stage#2	1	CPB + TT
4	2 MT	100	General Purpose	15	CPB
<b>CHAIN PULLEY BLOCKS NET WEIGHT</b>					<b>450</b>
<b>Miscellaneous PUMPS and BOI Items and Other Miscellaneous Items</b>					
Sl No.	PGMA	Weight	Description	Quantity	Dimensions
1	BT001	--	LIFTING BEAM	1	NA
2	BT006	--	BUTTERFLY VALVES	1	NA
3	BT009	--	NRV WITH ALUMINIUM FLAP	2	NA
4	BT011	--	OIL PURIFICATION UNIT	1	NA
5	BT014	--	SPRAY NOZZLES	1	NA
6	BT015	--	DIRT CATCHERS	1	NA
7	BT016	--	DAMPER	1	NA
8	BT017	--	VARIABLE LOAD SPRING CAGES	1	NA
9	BT020	--	THERMAL INSULATION OF TURBINE	1	NA
10	BT021	--	THERMAL INSULATION OF TIP	1	NA
11	BT023	--	TURBINE OIL	1	NA
12	BT024	--	DRY AIR PRESERVATION SYSTEM	1	NA
13	BT025	--	OIL PURIFICATION SYSTEM (CENTR	1	NA
14	BT026	--	GROUP CABLES	1	NA
15	BT027	--	TURBINE INTEGRAL PIPING	1	NA
16	BT028	--	H & S FOR TURBINE INTEGRAL PIP	1	NA
17	BT029	--	CALIBRATED FLOW NOZZLE ASSLY.	1	NA
18	BT043	--	CONTROL FLUID (FRF)	1	NA
19	BT046	--	LP BYPASS STOP & CONTROL VALVE	1	NA
20	BT054	--	STEAM TRAP	1	NA
21	BT065	--	GEAR PUMP (LUB. OIL RECIRCULAT	1	NA
22	BT068	--	POWER CABLES FOR 24 V SOLENOID	1	NA
23	BT071	--	LEVEL INDICATORS FOR OIL TANKS	1	NA
24	BT074	--	VACUUM BREAKER VALVE WITH PNEU	2	NA
25	BT081	--	HPT STEAM EVACUATION VALVE	1	NA
26	BT096	--	OIL MODULE	1	NA
27	BT097	--	OIL THROTTLE VALVES	1	NA
28	BT104	--	SEAL STEAM CONTROL VALVE WITH	1	NA
29	BT105	--	LEAK STEAM CONTROL VALVE WITH	1	NA
30	BT106	--	TURBINE INSTRUMENT RACKS	1	NA
31	BT107	--	PNEUMATIC GLOBE VALVE	1	NA
32	BT110	--	HYDRAULIC POWER SUPPLY UNIT FO	1	NA
33	BT111	--	ELECTRO-HYDRAULIC ACTUATORS FO	1	NA
34	BT149	--	BAR PROBE WITH AMPLIFIER	1	NA

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35	BT150	--	CALIBRATION JIG	1	NA
36	BG001	--	EMPTY H2 CYLINDER	200	NA
37	BG002	--	EMPTY CO2 CYLINDER	90	NA
38	BG003	--	EMPTY N2 CYLINDER	12	NA
39	BG007	--	VAPOUR EXHAUSTER	2	NA
40	BG011	--	REFRIGERATION GAS DRYER	2	NA
41	BG080	--	STROBOSCOPE	1	NA
42	BG082	--	HYDRAULIC UNIT ASSEMBLY	1	NA
43	BG090	--	GENERATOR INTEGRAL PIPING	1	NA
44	BG091	--	HYDROGEN COOLERS PIPING	1	NA
45	BG098	--	EXCITER COVER COMPLETE WITH FA	1	NA
46	BH010	--	CONDENSOR AIR EVACUATION PACKA	4	NA
47	BH012	--	AIR EXHAUSTER WITH MOTOR	2	NA
48	BH022	--	MULTI BALL BEARING SUPPORT FOR	1	NA
49	BH029	--	WELDED AUSTENITIC S.S. TUBES G	1	NA
50	BG005	--	MOISTURE MEASURING SYSTEM	1	NA
51	BG008	--	MOTORISED TEMPERATURE CONTROL	1	NA
52	BG009	--	H2 GAS ANALYSER CABINET	2	NA
		--	STARTING RESISTOR FOR DC S.O MOTOR		NA
53	BG018			1	
54	BG066	--	GENERATOR END WINDING VIBRATIO	1	NA
55	BG092	--	PW TEMPERATURE CONTROL VALVE	1	NA
56	BT094	--	DC STARTERS & INSTRUMENTATION	1	NA
58	NA	750	DMCW-TG PUMPS (HORIZONTAL)	3	3500MM X 1500MM
59	NA	500	DMCW-SG PUMPS (HORIZONTAL)	2	3500MM X 2000MM
66	NA	4000	SCS	4	2500MM X 1500MM
67	NA	10000	PHEs-TG	6	5000mm x 2500mm
68	NA	10000	PHEs-SG	4	5000mm x 2500mm
72	NA	3000	CONICAL STRAINERS (600NB)	6	L= 2000MM; DIA=500NB
73	NA	1800	CONICAL STRAINERS (350NB)	6	L= 2000MM; DIA=350NB
74	NA	800	CONICAL STRAINERS (150NB)	4	L= 2000MM; DIA=350NB
75	NA	24000	COLTCS	4	5000MM x 3000MM
76	NA	53300	Miscellaneous Items	1	--
<b>MISCELLANEOUS PUMPS AND BOI ITEMS and Other Misc Items NET WEIGHT</b>					<b>1,33,400</b>

## TANKS

Sl No.	PGMA	Weight	Description	Quantity	Dimensions
1	NA	6000	Flash Tank A	1	5100 x 3500 x 3500
2	NA	6000	Flash Tank B	1	5100 x 3500 x 3500
3	NA	1700	Unit Flash Tank	1	5100 x 3500 x 3500
4	NA	1000	Clean Oil Tank	1	6050L X 3050 W X 4000H

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5	NA	1000	Dirty Oil Tank	1	6050L X 3050 W X 4000H
6	NA	100	Oil Unloading Vessel	1	2250 L X 1200 W 900 H
7	NA	2000	DMCW Tank	1	7150 L X 2000W X 2500 H
<b>TANKS NET WEIGHT</b>					<b>17,800.000</b>
<b>RE JOINTS</b>					
Sl No.	PGMA	Weight	Description	Quantity	Dimensions
1	NA	23200	RE Joints Inlet	2	4200 X3300 X 5650
2	NA	23000	Re Joints Outlet	2	3500 X 3300 X 5750
<b>RE JOINTS NET WEIGHT</b>					<b>46,200.000</b>
<b>CW PIPING</b>					
Sl No.	PGMA	Weight	Description	Quantity	Dimensions
1	80-468	7000	PIPE OD 2743 MM X 20 MM	100	2743 X 20
2	80-468	15000	Bends	10	2743 X 20
3	80-468	10000	Hangers and Supports	10	--
<b>CW PIPING NET WEIGHT</b>					<b>32,000.000</b>

<b>SCOPE OF PUMPS (BOP) in Package-B</b>		
<b>S No.</b>	<b>DESCRIPTION</b>	<b>QUANTITY</b>
1	COOLING WATER PUMPS OF STAGE#2 (UNIT#3, UNIT#4 and Unit#5)	15
2	ACW PUMPS OF STAGE#2 (UNIT#3, UNIT#4 and Unit#5)	9
3	APH AND ESP WASH PUMPS OF STAGE#2 (UNIT#3, UNIT#4 and Unit#5)	4
4	DMF FEED PUMP OF STAGE#2 (UNIT#3, UNIT#4 and Unit#5)	4
5	HOTWELL MAKEUP PUMPS OF STAGE#2 (UNIT#3, UNIT#4 and Unit#5)	6
6	RAW WATER PUMPS OF STAGE#2 (UNIT#3, UNIT#4 and Unit#5)	4
7	CW MAKE UP PUMPS OF STAGE#2 (UNIT#3, UNIT#4 and Unit#5)	4
8	SERVICE WATER PUMPS OF STAGE#2 (UNIT#3, UNIT#4 and Unit#5)	4
9	BOILER FILL PUMPS OF STAGE#2 (UNIT#3, UNIT#4 and Unit#5)	2
10	FGD PUMPS OF STAGE#2 (UNIT#3, UNIT#4 and Unit#5)	4
11	DM TRANSFER PUMPS OF STAGE#2 (UNIT#3, UNIT#4 and Unit#5)	4

**Note:** - The above-mentioned scope for the erection of pumps is indicative and for clarity during the tender stage.

## **NOTE:**

1. The weight indicated above is approximate and there may be a variation in weight of equipments.
2. A lump sum price is to be quoted in the price bid for Erection & Commissioning of **STG system** consisting of all equipments detailed under Clause no 1.9.1 (Weight Schedule - Summary) of this chapter that shall also cover works like integral piping, and final painting, as applicable. The Lump sum quoted value for Erection Works

## TECHNICAL CONDITIONS OF CONTRACT (TCC)

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shall include the Variation of +15% (Fifteen percent) in total indicated weight of each package treated separately for this tender. In case of variation in weight beyond +15%, the quantity exceeding +15% of the tendered quantity will be paid at the average tonnage rate arrived at by dividing the lump sum quoted/accepted value by 115% of total indicated weight.

3. The list is tentative and is given to enable the contractor to study the nature of work. The approximate weight and dimensions of the various sub-assemblies of turbine, generator & its auxiliaries and other Bought out Item, etc. is indicated above. The weights & Dimensions given are only approximate and for general guidance and they are subject to variation as per design consideration.
4. The information furnished is only a description regarding the items to be erected by the contractor. BHEL reserves the right to add or exclude any components / items / system according to the site requirements / customer requirements to complete various systems in all respects.
5. Any other systems / Components supplied by BHEL manufacturing units which are integral to Steam turbine & Generator and its auxiliaries and other bought out items and CW & ACW Systems are also to be erected and commissioned by the contractor within the quoted / accepted tonnage rate / lump sum value.
6. Details regarding components, sub-assemblies, and auxiliaries etc. to be erected, tested and commissioned under the scope of this tender are given in this tender. The schedule of weights given are only approximate and meant for giving a general idea to the tenderer, about the magnitude of the work involved. This should not be taken for billing or any other claims. All weights for such purposes will have to be taken from design documents only (Shipping list).
7. Erection of Flow nozzles, flow orifice, spray nozzles, steam traps, filters, suction strainers other metering elements, control valves, NRVs, servomotors, Thermowell etc. forming part of the system (which is under this scope of work) irrespective of the suppliers is also to be carried out by the agency without any extra cost after chemical and / or steam blowing/ oil flushing at site. This will include issue and collecting the same from BHEL stores, transport to site, suitably cutting the erected piping, cleaning, erection, welding, radiography and stress relieving and commissioning.
8. Refer Volume-IA Part-I Chapter-XV (Welding, Heat Treatment & Radiography and Non-Destructive Testing) and Volume-IA Part-II Chapter-6 (Field Welding Schedule) of Technical Conditions of Contract (Volume-I Book-I) for welding & NDT requirements.