

	TITLE: TECHNICAL SPECIFICATION FOR PT PLANT COMPLIANCE CUM CONFIRMATION CERTIFICATE	SPEC. NO.: PE-TS-415-158A-A001	
		VOLUME: III	
		S.No. A1	
		SECTION:	
		REV. NO. 0	DATE
		SHEET 2	OF 2
k) As built drawings shall be submitted as and when required during the project execution. l) That the bidder has not tempered with this compliance cum confirmation certificate and if at any stage any tempering in the signed copy of this document is noticed then same shall be treated as breach of contract and suitable actions shall be taken against the bidder.			



TITLE:

TECHNICAL SPECIFICATION FOR
PRE TREATMENT PLANT
1 X 660 MW BHUSAWAL TPS, UNIT # 6

BHEL DOCUMENTS NO.: PE-TS-415-158A-A001

VOLUME III

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**FORMAT FOR GUARANTEED AUXILIARY POWER CONSUMPTION FIGURES
(TO BE FILLED BY THE BIDDER)**

S.NO.	DESCRIPTION OF EQUIPMENT	NO OF EQUIPMENT		Multiplication Factor	TOTAL GUARANTEED POWER CONSUMPTION FOR WORKING DRIVES AT MOTOR INPUT TERMINAL (IN KW)
		WORKING	STANDBY		
1	2	3A	3B	4	5
1	ALUM DOSING PUMP	2	2	0.9	
2	ALUM DOSING TANK AGITATOR	2	0		
3	POLY ELECTROLITE DOSING PUMP	2	2		
4	POLY ELECTROLITE DOSING TANK AGITATOR	2	0		
5	LIME SOLUTION TRANSFER PUMP	1	1		
6	LIME SOLUTION PREPARATION TANK AGITATOR	2	0		
7	LIME DOSING PUMP	2	2		
8	LIME DOSING TANK AGITATOR	2	0		
9	CLARIFLOCCULATOR RECIRCULATOR THROUGH VFD	2	0		
10	CLARIFLOCCULATOR MECHANISM	2	0		
11	SLUDGE DISPOSAL PUMP	1	1		
12	THICKENER MECHANISM	1	0		
13	THICKENED SLUDGE TRANSFER PUMP	1	1		
14	CENTRIFUGE	1	1		
15	AIR BLOWER FOR SLUDGE SUMP	1	1		
16	AIR BLOWER FOR THICKENED WASTE SUMP	1	1		
17	AIR BLOWER FOR GRAVITY FILTER FOR DM	1	1		
18	AIR BLOWER FOR GRAVITY FILTER FOR NON-DM	1	1		
19	FILTER BACKWASH TRANSFER PUMPS	1	1		
20	FLASH MIXER	2	0		

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21	ANY OTHER ELECTRICAL DRIVE REQUIRED FOR PT PLANT				
	TOTAL POWER (IN KW)				

Note-Base auxiliary power consumption figure for the system (for working drives only) has been considered as **93 KW**. As long as bidder's quoted guaranteed power consumption (GPC) above remains within Base auxiliary power consumption figure, there will be no technical loading of bid on power consumption for evaluation. However, if bidder's quoted GPC exceeds base auxiliary power consumption figure, there shall be technical loading of bid for evaluation @ ₹ 3,00,000/- (Rupees Three lacs per Kilowatt) per KW of additional power over Base auxiliary power consumption figure.

Bidder's guaranteed power consumption as furnished above shall be demonstrated by the successful bidder during performance testing at works/ site. In case power consumption is noted higher than Base auxiliary power consumption figure / bidder's quoted GPC whichever is higher, during inspection/ PG test, penalty @ ₹ 4,50,000/- (Rupees Four lacs fifty thousand per Kilowatt) per additional KW shall be levied on vendor.