



TITLE:
**TECHNICAL SPECIFICATION
FOR PT PLANT
COMPLIANCE CUM CONFIRMATION
CERTIFICATE**

SPEC. NO.: PE-TS-426-158A-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 PANKI TPS EXTENSION PROJECT

BHEL DOCUMENTS NO.: PE-TS-426-158-A001

VOLUME III

SECTION –

REV. NO. 00

DATE:

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

S.NO.	DESCRIPTION OF EQUIPMENT	NO OF EQUIPMENT		TOTAL GUARANTEED POWER CONSUMPTION FOR WORKING DRIVES AT MOTOR INPUT TERMINAL (IN KW)
		WORKING	STANDBY	
1	2	3A	3B	4
1	FeCl ₃ DOSING PUMP	2	1	
2	FeCl ₃ DOSING TANK AGITATOR	3	0	
3	LIME DOSING PUMP	2	1	
4	LIME DOSING TANK AGITATOR	3	0	
5	PE DOSING PUMP	3	2	
6	PE DOSING TANK AGITATOR	2	0	
7	HRSCC RECIRCULATOR THROUGH VFD	2	0	
8	HRSCC MECHANISM	2	0	
9	SLUDGE DISPOSAL PUMP	1	1	
10	THICKENER MECHANISM	1	0	
11	THICKENED SLUDGE TRANSFER PUMP	1	1	
12	CENTRIFUGE	1	1	
14	AIR BLOWER FOR SLUDGE SUMP	1	1	
15	AIR BLOWER FOR THICKENED WASTE SUMP	1	1	
				Total KW

Note-Base auxiliary power consumption figure for the system (for working drives only) has been considered as **75 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 @ ₹ 5,84,000/- (Rupees Five lacs and eighty four thousand per Kilowatt) per KW of additional power over Base auxiliary power consumption figure.



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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 @ ₹ 5, 84,000/- (Rupees Five lacs and eighty four thousand per Kilowatt) per additional KW shall be levied on vendor.(+) 1.0% of the guaranteed Auxiliary Power Consumption shall be acceptable shortfall with LD.