

3X800MW PATRATU STPP PHASE-I - AGITATORS						
ANNEXURE-IV: GUARANTEED POWER CONSUMPTION FORMAT						
Sl.No.	Description / Item	Working	Standby	Power Consumption (KW) (at motor input terminal)	Duty Factor	Power Consumption (KW)
1	2	3	4	5	6	7 = 3 x 5 x 6
A)	Auxiliary Absorbent Tank Agitator	3 (refer note 7)	0			
B)	Limestone slurry storage tank agitator	1	1			
C)	Primary hydro-cyclone feed tank agitator	1	0			
D)	Secondary hydrocyclone feed tank agitator	1	0			
E)	Filtrate water Tank Agitator	1	0			
F)	Waste Water Tank Agitator	1	0			
G)	Absorber Area Drain Sump Agitator	1	0			
H)	Gypsum Area Drain Sump Agitator	1	0			
I)	Limestone area drain sump agitator	1	0			
				Total Guaranteed power (KW)		
Notes						
1	Power consumption (KW) of motors shall be measured at motor input terminals when the system operating at the rated capacity. For this purpose, the drives of standby equipment shall not be considered.					
2	The minimum value of the total guaranteed power consumption quoted amongst techno commercially qualified bidders shall be taken as the guaranteed base power for the bid evaluation.					
3	The total guaranteed power consumption quoted by the bidders at column no. (7) shall be loaded at the rate of USD 2179 per KW for the differential power quoted over the guaranteed base power arrived as mentioned at S.N. 2 above.					
4	Power quoted by bidder shall be termed as 'Guaranteed Power consumption' (GPC) and bidder shall be liable to demonstrate compliance to GPC value during PG test/ Demonstration test at site/shop. If the actual power consumption exceeds the guaranteed power consumption, liquidated damages shall be payable by the successful bidder at the rate of 3025 USD per KW excess power consumption, over the guaranteed power consumption indicated by bidder in his bid. Such liquidated damages may be recovered by the BHEL by deduction from the contract price or by enforcing the contract performance guarantee or in any other manner deemed fit by the BHEL.					
5	Guaranteed Power Consumption in this Format shall be submitted in sealed envelope along with price bid as part of techno commercial offer. However along with unpriced format, bidder shall furnish guaranteed power consumption format indicating "Quoted" in the above table.					
6	USD conversion rate shall be as per Cl. No. 19.2 of GCC, Rev. 07.					
7	No. of Auxiliary Absorbent Tank agitator shall be decided by bidder. The power consumption shall be decided considering all the agitators in continuous working condition.					