

ANNEXURE-C: GUARANTEED POWER CONSUMPTION FORMAT
TENDER ENQUIRY NO. PE/PG/BLI/E-6446/2020 DT. 29/05/2020
PACKAGE: AGITATORS
PROJECT: 4X250MW BRBCL NABINAGAR TPP FGD SYSTEM

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)	Limestone slurry storage tank agitator	2	0		1	
B)	Primary hydro-cyclone feed tank agitator	1	0		1	
C)	Secondary hydrocyclone feed tank agitator	1	0		1	
D)	Filtrate water Tank Agitator	1	0		1	
E)	Waste Water Tank Agitator	1	0		1	
				Total Guaranteed power (KW)		

Notes

1	Power consumption (KW) of motors shall be the rated Input Power at Motor Terminal at normal water level and at normal voltage and Frequency.
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. Guaranteed Power Consumption in this Format shall be submitted along with technical bid also.
3	The total guaranteed power consumption quoted by the bidders at column no. (7) shall be loaded at the rate of USD 1746 per KW for the differential power quoted over the guaranteed base power arrived as mentioned at S.N. 2 above. USD conversion rate shall be taken as defined in NIT.
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. If the actual power consumption exceeds the guaranteed power consumption, liquidated damages shall be payable by the successful bidder at the rate of 2129 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. USD conversion rate shall be taken as defined in NIT.
5	The total power consumption of all the above mentioned agitators (as indicated at Sl.no.F) and not individual power consumption against each agitator) will be considered for bid evaluation purpose as well as for demonstration of actual power consumption at site.