

**SUGGESTIVE PRICE FORMAT
ANNEXURE-IV**

GUARANTEED POWER CONSUMPTION FORMAT

Doc No:	PE-PF-434-571-A001
Rev No:	0
Date of issue:	30 September 2020

NAME OF PROJECT:	3x800 MW PATRATU TPS
NAME OF PACKAGE:	GYPHUM DEWATERING SYSTEM (VACUUM BELT FILTER TYPE)
TECHNICAL SPECIFICATION:	PE-TS-434-571-A001

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.	Vacuum Belt Filter	1	1		1	
b.	Vacuum Pump	1	1		1	
c.	Belt Filter Wash cum cake wash Pump	1	3		1	
d.	Belt Filter Vent Fan	1	1		1	
e.	Filtrate Extraction Pump	1	3		1	
f.	Sump Pump	1	1		1	
				Total Guaranteed power (KW)		

Notes	
1	Guaranteed power consumption falls under Category - I guarantees.
2	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. Duty factor of all mentioned drives should be considered as 1.0 while quoting power consumption.
3	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.
4	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.
5	<p>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.</p> <p>If the actual power consumption exceeds the quoted guaranteed power consumption, then the contractor shall carry out all necessary modifications and/or replacements to make the equipment/system comply with the guaranteed power consumption at no extra cost to the PVUNL/BHEL and reconduct the performance guarantee test with PVUNL/BHEL consent.</p> <p>In case the actual power consumption during performance test still does not meet the guaranteed power consumption within 90 days or a reasonable time period allowed by PVUNL/BHEL, PVUNL/BHEL reserves the right to either of the following.</p> <p>a) Reject the equipment/system/plant and recover from the successful bidder the payments already made <i>OR</i> b) Accept the equipment/system/plant after levying Liquidated damages at the rate of USD 3025 per KW excess power consumption, over the guaranteed power consumption indicated by the bidder in his bid. Such liquidated damages may be recovered by BHEL by deduction from the contract price or by enforcing the contract performance guarantee or in any other manner deemed fit by BHEL.</p>
6	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.
7	USD conversion rate shall be taken as defined in NIT.