

8415/2020/PS-PEM-MAX

SUGGESTIVE PRICE FORMAT ANNEXURE-IV GUARANTEED POWER CONSUMPTION FORMAT						Doc No: PE-PF-468-571-A001
						Rev No: 0
						Date of issue:21-05-2020
NAME OF PROJECT:		NSPCL BHILAI EXPANSION POWER PROJECT (2X250MW)				
NAME OF PACKAGE:		GYPSUM DEWATERING SYSTEM (VACUUM BELT FILTER TYPE)				
TECHNICAL SPECIFICATION:		PE-TS-468-571-A101				
Sl.No.	Description / Item	Working	Stand by	Power Consumption (KW) (at motor input terminal)	Power Consumption (KW)	
1	2	3	4	5	6 = 3 x 5	
a.	Vacuum Belt Filter	1	1			
b.	Vacuum Pump	1	1			
c.	Cake Wash Pump	1	3			
d.	Belt Filter Wash Pump	1	3			
e.	Belt Filter Vent Fan	1	1			
f.	Filtrate Extraction Pump	1	3			
				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. Duty factor of all mentioned drives should be considered as 1.0 while quoting power consumption.					
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 INR 136930 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. If the actual power consumption exceeds the guaranteed power consumption, liquidated damages shall be payable by the successful bidder at the rate of INR 136930 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	Any equipment/ item required by bidder as per their proven design to make 'vacuum belt filter' complete/ operational and is operating on continuous basis, shall be considered under S.N. 'a' in the GPC format, i.e., "Vacuum belt filter" and the power consumption shall be quoted accordingly.					