

**Guaranteed Power Consumption at Rated Capacity**

Bidder's Name and Address :

To  
Sh. Anil S. Khandare, Sr. Engineer/ MM,  
M/s BHEL- Industrial Systems Group,  
Prof CNR Rao Circle, IISc Post,  
Malleswaram, Bangalore- 560 012

Dear Sir,

We declare that the ratings and Power consumption figures of the equipments furnished by us under the Package are guaranteed. We further declare that in the event of any deficiencies in meeting the guaranteed figures, you may at your discretion accept the equipment/system after assessing the Liquidated Damages as specified at in clause no. 21 of the Special Conditions of Contract or reject the equipment/system and recover the payments already made.

**POWER CONSUMPTION :**

Bidder shall guarantee the total power consumption at the input terminals of drive motors of the following equipment at the guaranteed capacity (for evaluation purpose):

| Sl. No. | SYSTEM                                                        | Motor KW | DUTY FACTOR | Guaranteed POWER in KW |
|---------|---------------------------------------------------------------|----------|-------------|------------------------|
| A       | Bottom Ash Handling System                                    |          |             |                        |
| A.1     | Clinker Grinder                                               |          | 0.3125      |                        |
| B       | Fly Ash System                                                |          |             |                        |
| B.1     | Fly ash conveying Air compressors with air drying plant (ADP) |          | 1           |                        |
| B.2     | Transport air compressor with air drying plant (ADP)          |          | 1           |                        |
| B.3     | Instrument air compressor with air drying plant (ADP)         |          | 1           |                        |
| C       | Water requirement                                             |          |             |                        |
| C.1     | Bottom ash L.P. Ash Water Pumps                               |          | 1           |                        |
| C.2     | Bottom Ash H.P. Water Pumps                                   |          | 0.625       |                        |
| C.3     | Fly ash water pumps                                           |          | 1           |                        |
| D       | Ash Slurry Disposal System                                    |          |             |                        |
| D.1     | Bottom Ash Slurry disposal pumps                              |          | 0.625       |                        |
| D.2     | HCSD pumps                                                    |          | 1           |                        |
|         |                                                               | TOTAL    |             |                        |

**Total power consumption shall be limited to 6900 kW**

**Un- remedied short fall in power consumption = Actual achieved - as guaranteed above.**

**Loading shall be applied on= guaranteed above - 6900 kW=\_\_\_\_\_ (KW)**

**Loading shall apply at the rate of Rs. 2,93,783.40/ KW**

Signature of authorized signatory.....