

**BHARAT HEAVY ELECTRICALS LIMITED**  
**RAMACHANDRAPURAM :: HYDERABAD-32**  
**M&S - P&C**

Tender Notice No. M&S/P&C/2016/116 22.02.2017

Tender Close on 30.03.2017 at 10.00 Hrs

Tender Open on 30.03.2017 at 13.30 hrs

**Tender Document (Price Bid - Part B)**

Name of work: **Revamping works of colling water tower at 36/11 area**

S.No.	Description of work	Qty	Estimated Rate in Rs	Estimated Amount in Rs.
<b><u>Civil works</u></b>				
1	<b><u>Cooling Tower-I</u></b> : Providing MS painted vertical support & fixing of monorail, chain block with movable trolley	1 Nos	60,000	60,000
2	<b><u>Cooling Tower-II</u></b> : Providing Access door & ladder with railing to hot water distribution system including civil works	2 Nos	28,000	56,000
3	<b><u>Cooling Tower-II</u></b> : Servicing of monorail & replacement of chain block with trolley	1 Nos	28,000	28,000
<b><u>Mechanical works :</u></b>				
4	<b><u>Cooling Tower-I</u></b> : Removal and replacement of Hot water distribution system (PVC with FRP lining)	2 Nos	160,000	320,000
5	<b><u>Cooling Tower-I</u></b> :Removal of old fills & providing support (MSHDG) and supply & fixing of fills (PVC vigin Honey comb type)	2 Nos	368,000	736,000
6	<b><u>Cooling Tower-I</u></b> :Removal & replacement of drift eliminators (PVC wave pass type)	2 Nos	100,000	200,000
7	<b><u>Cooling Tower-I</u></b> : Supply of spare spray nozzles (PP/HDPE)	200 Nos	160	32,000
8	<b><u>Cooling Tower-II</u></b> : Supply of FRP stacks	2 Nos	120,000	240,000
9	<b><u>Cooling Tower-II</u></b> : Repair and service of inlet water valves to the cooling tower	2 Nos	40,000	80,000
10	<b><u>Cooling Tower-II</u></b> : Servicing of Hot water distribution system (PVC with FRP lining)	2 Nos	20,000	40,000
11	<b><u>Cooling Tower-II</u></b> : Replacement of Drift Eliminators (PVC wave pass type)	2 Nos	105,600	211,200
12	<b><u>Cooling Tower-II</u></b> : Supply of spare Nozzles (PP/HDPE)	200 Nos	160	32,000
13	<b><u>Cooling Tower-II</u></b> : Testing, Erection, Assembly& commissioning of Fan, Drive shaft and Gear box & Motor	2 Nos	180,000	360,000
<b><u>Electrical Works:</u></b>				
14	<b><u>Cooling Tower – I</u></b> : Supply and installation of float valve in make-up water inlet lines	2 Nos	6,400	12,800
15	<b><u>Cooling Tower – I</u></b> : Providing alarm for water over flow including cables up to Junction Box in cooling tower	2 Nos	8,000	16,000
16	<b><u>Cooling Tower – I</u></b> : Supply and installation of vibration cut off switch including cables from switches to Junction box in cooling tower	2 Nos	8,000	16,000

17	<b>Cooling Tower – I:</b> Supply, making provision & Installation of oil level cut off switch including cables from switches to Junction box in cooling tower	2 Nos	20,000	40,000
18	<b>Cooling Tower - II :</b> Supply and installation alarm for water over flow including cables up to Junction Box in cooling tower	2 Nos	8,000	16,000
19	<b>Cooling Tower - II:</b> Supply and installation of float valve in make-up water inlet lines	2 Nos	6,400	12,800
20	<b>Cooling Tower - II :</b> Supply, installation & Commissioning of Vibration cut off switch including cables from switches to Junction box in cooling tower	2 Nos	8,000	16,000
21	<b>Cooling Tower - II:</b> Supply, making provision & Installation of oil level cut off switch including cables from switches to Junction box in cooling tower.  Supply & installation of Guards (water proof) for Motor, coupling & shaft.	2 Nos	20,000	40,000
Total				2,564,800

**Note : As per the scope of work enclosed**

**Total Estimated value Rs.25,64,800/- (inclusive of all taxes and exclusive of Service Tax)**

Tender Charges in %	in figures	in words
Excess		
Less		
At par with estimation		

Note:

The tenderers are required to quote their value in Percentage (%) basis at excess or less or on par with our estimated value.

(Signature & Stamp of the Tenderer)