



**BHARAT HEAVY ELECTRICALS LIMITED**  
**RAMACHANDRAPURAM::HYDERABAD::32**  
**FACTORY CIVIL ENGINEERING DEPARTMENT**

**SCHEDULE- A**

Tender Notice No:

**PRICE BID**

HY/FCD/OT-05/2013-14, Dt: 27.07.2013

Item no.: 2

**Name of work: Shifting, re-erection of Shot Blasting Equipment at new location in 06 Block (Mech/Elec work).**

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
A	<b>REPAIR / MODIFICATIONS :</b>				
1	Welding of additional supports / stiffners to the existing chamber structure etc. complete as directed by Engineer-in-charge ( <b>required materials will be supplied by BHEL as free issue</b> ).	10.00	Ton	7,500.00	75,000.00
2	Conversion of existing front sliding door ( 6 x 6.5 Mtr.= 4 Pcs. ) into a hinged door etc. complete as directed by Engineer-in-charge ( <b>Required material will be supplied by BHEL as free issue</b> ).	1.00	No.	81,000.00	81,000.00
3	Modification of existing exhaust ducting as per the site requirement etc. complete as directed by Engineer-in-charge.	15.00	RM	3,750.00	56,250.00
B	ERECTION AND COMMISSIONING : The scope of erection & commissioning is as given below. <b><u>NOTE : Contractor has to make own arrangement of required cranes / lorry of suitable capacity for shifting and erection of the system. Erection Tools and tackles, consumables like electrodes etc. are in the scope of the contractor.</u></b>				
1	Fixing of base frame of the chamber structure etc. complete as directed by Engineer-in-charge	7.00	Ton	3,750.00	26,250.00
2	Assembly of the chamber structure etc. complete as directed by Engineer-in-charge	32.00	Ton	5,900.00	1,88,800.00
3	Assembly of the chamber front door etc. complete as directed by Engineer-in-charge	1.00	No.	18,750.00	18,750.00
4	Supply & Placement of rubber mats on four sides of the chamber .Thickness of the rubber mat is 6 mm and 50% of the damaged rubber mats to be replaced with new one ( Total area to be covered with rubber mats is 600 SqM and 50% rubber mats got damaged which are to be replaced with new one. Area of damaged rubber mat is 300 SqM ) etc. complete as directed by Engineer-in-charge.	300.00	SqM	1,888.00	5,66,400.00
5	Assembly of the filtering unit base, filtering unit structure and dust collection bags. Existing Dust collector bags has to be cleaned thoroughly before installation etc. complete as directed by Engineer-in-charge	5.00	Ton	6,250.00	31,250.00
6	Assembly of shake out units to the filtering units etc. complete as directed by Engineer-in-charge.	2.00	Nos	5,300.00	10,600.00
7	Assembly of Blower unit and Blowers base and Blowers etc. complete as directed by Engineer-in-charge.	2.00	Sets	5,300.00	10,600.00

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
8	DUCTING :				
a	Square duct ( Exhaust duct )	15.00	RM	2,100.00	31,500.00
b	Pipe dia. 12"	8.00	RM	2,200.00	17,600.00
c	Pipe dia.24"	26.00	RM	2,700.00	70,200.00
d	Pipe dia. 28"	36.00	RM	2,500.00	90,000.00
9	In coming Power supply 200 A-CFS is to be erected. Supply of CFS switch & cable will be provided by BHEL as free issue etc. complete as directed by Engineer-in-charge.	1.00	Set	18,750.00	18,750.00
10	Installation of chamber lights including wiring etc. complete as directed by Engineer-in-charge ( <b>Cables &amp; light fitting accessories will be supplied by BHEL as free issue</b> ).	1.00	Set	11,000.00	11,000.00
11	Installation of control panel and operating panel including wiring etc. complete as directed by Engineer-in-charge.	1.00	No.	94,000.00	94,000.00
12	Painting of all the components of the shot blast equipment, supporting structures, ladders & platforms etc. complete as directed by Engineer-in-charge. <b>Paints will be provided by BHEL as free issue.</b>	232.00	SqM	460.00	1,06,720.00
13	Checking of all functions of the shot blast equipment during trial run etc. complete as directed by Engineer-in-charge.	LS	LS	95,000.00	95,000.00
	<b>Total value of work</b>			₹	<b>15,99,670.00</b>
<b>Total : ₹ Fifteen lakhs ninety nine thousand six hundred seventy only</b>					

**Note:**

1	Service tax extra and will be paid by BHEL on submission of valid documents by the agency.
2a	<b>Safety :</b> Contractor has to ensure usage of safety shoes, safety Helmets, Safety Belts, safety net & anchoring rope, hand gloves etc. during erection and commissioning.
b	Contractor has to follow the work permit system strictly wherever applicable.
c	Contractor should ensure availability of calibration certificates for all the equipments likely to be used.
3	Contractor has to ensure neatness of the site by removing unwanted materials / scrap materials.
4	The quantities indicated in the schedule are tentative and may increase or decrease or delete. Any other works not mentioned but required for completion of the project are to be carried out by the contractor with mutually agreed rates and vetted by finance.

**Note : The bidders are required to quote the tender value on percentage (%) basis at excess or less or on par with estimate value in figures and words.**

Tender %	In figure	In words
Excess		
Less		
Estimated value		