

**BHARAT HEAVY ELECTRICALS LIMITED**

RAMACHANDRAPURAM:: HYDERABAD::502032

PROJECTS DEPARTMENT

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Tende Notice No. HY/PROJ-EC/MECH/OT-12/2015-16

DT. 14.07.2015

SCHEDULE-A**PRICE BID**

NAME OF THE WORK: "MECHANICAL WORKS & ASSISTANCE TO ERECTION EXPERTS FOR ERECTION OF ELECTRIC OVEN & BLADE TIP GRINDER IN GT 9FA SHOP".

SCOPE OF WORK:					
1) Destuffing the containers, shifting the packages, scrap etc., and assisting the erection experts 2) Fabrication of MS platforms, railings, cover plates etc. 3) Supply of painting material, paints etc., and painting the platforms, railings etc.					
SL.No.	Description of work	Qty	Unit	Unit rate in Rs.	Amount in Rs.
1	The work involves assisting the machine tool erection & commissioning team to carry out erection & commissioning of ELECTRIC OVEN & BLADE TIP GRINDER IN GT 9FA SHOP in the location as approved by IE. Contractor has to arrange manpower, which will be considered for billing, as required for carrying out the scope of work as given below. Supply of manpower should be at the discretion of the site engineer.				
	(i) ELECTRIC OVEN Make M/s JR Furnace & Ovens, Chennai Weight :13 Ton ; Location : GT 9FA Shop ; (P.O.No M214E00093)	13	TON	480.34	6244.42
	(ii) Blade Tip Grinder Make M/s Premier, Bangalore, Weight :10 Ton ; Location : GT 9FA Shop ; (P.O.No M214E00081)	10	TON	1561.1	15611.00
	a) All the containers carrying machine components have to be destuffed, packages have to be shifted & unloaded near machine foundation in the sequence specified by erection expert / site engineer. All packages to be opened and scrap/wood to be shifted to scrap yard or as per site engineer's instructions to avoid accumulation of scrap in shop area. b) Assisting the expert to check and thorough cleaning of machine parts by engaging fitters and helpers. Keeping all cleaned machine parts near to erection area. c) Assisting erection experts in carrying out erection of machine in sequence as specified by Erection experts. For this contractor has to arrange supervisor, skilled workers (mechanical & electrical) and helpers throughout the execution of work. d) Assisting to experts in carrying out machine accuracy tests, & job trial work. Contractor has to deploy for above work supervisor, fitters and helpers during the execution of the above work.				
2	FABRICATION: Fabrication work for Electric Oven and Blade Tip Grinder machine; making and installing MS platforms, cover plates, railings/barricading surrounding the machine, stair case etc. Welding electrodes, equipments & tools are in contractor's scope. Contractor has to arrange for transport to shift the material from BHEL stores to site and has to hand over the balance material to stores. Required MS plates, channels, angles, etc. will be supplied by BHEL free of cost.	2.8	TON	5525	15470

3	Supply of paints, painting materials, rust preventive red oxide, primers synthetic enamel and other related painting items and Painting of platforms, cover plates, staircase, pipes, railings/barricading and other structurals with rust preventive redoxide primer & Synthetic enamel by thoroughly cleaning all the surfaces free from scales, dirt and other foreign matter. Each coat shall be applied in an even and uniform film free from lumps, streaks, runs and uncoated spots. 1 Coat of rust preventive redoxide primer with 40 microns thick and 1 coat of synthetic enamel paint as approved by BHEL. Make: ASIAN/BRITISH/SHALIMAR.	85	Sq m	45.5	3867.5
	Note:(a) All tools, welding equipment etc. have to be arranged by contractor for erection. (b) Contractor has to follow the safety norms and insist his workforce to use safety equipments like safety shoes,gloves,helmets ,safety belts etc.				
	Total				41192.92

(Rupees Forty one Thousand One Hundred and Ninety Two and Paise Ninety Two Only)

Note:

- 1) The above rates are inclusive of VAT.
- 2) Service Tax is extra, as applicable and the contractor shall indicate Service Tax separately as extra in price bid.
- 3) The Contractor has to submit separate Service tax invoice alongwith RAB (Running Account Bill)
- 4) The quantities indicated in the schedule are tentative and may increase or decrease or delete.
- 5) 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.
- 6) Contractor shall shift the materials from different locations inside the factory to the project site and return back the left over materials after completion of the work to the project stores or as per the instructions of the site engineer.
- 7) **Safety** : Contractor has to ensure usage of safety shoes, safety helmets, safety belts, safety net & anchoring rope, hand gloves etc. during erection and commissioning for all his personnel.
- 8) Contractor has to follow the work permit system strictly wherever applicable.
- 9) Contractor has to ensure neatness of the site by removing unwanted materials/scrap materials.
- 10) The contractor should follow all the statutory requirements, Environmental Management System (EMS), Occupational Health and Safety Management System (OHSAS) while executing the work.
- 11) **Terms of Payment**: Payment will be based on work % completion/milestone basis.

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 Figures	In Words
Excess		
Less		
On par with Estimate		