



**BHARAT HEAVY ELECTRICALS LIMITED**  
**RAMACHANDRA PURAM :: HYDERABAD - 32.**  
**FACTORY CIVIL ENGINEERING DEPARTMENT**

**SCHEDULE- A**

Tender Notice No:

HY/FCD/OT-20/2008-09 , Dt: 09.02.09

**PRICE BID****Item no: 1**

**Name of work : Water Proofing Works to arrest leakages for Buildings  
in Factory area.**

Sl. No.	Description of the item	Qty	Unit	Rate Rs.	Amount Rs.
1	Dismantling of existing brick koba flooring in cement mortar including disposal of debris upto 2 Kms lead by mechanical transport including loading, unloading etc., complete.	633.00	Cu.m	355.88	225272.04
2	Dismantling of existing cement plastering including disposal of debris upto 2 Kms by mechanical transport including loading unloading etc., complete.	5260.00	Sq.m	8.20	43132.00
3	Surface preparation of roof slab and gutter/galtha by manual or mechanical to remove loose mortar etc and washing the surface thoroughly with water.	5260.00	Sq. m.	30.00	157800.00
4	Applying Sika latex modified cement slurry bonding coat at the intersection of roof slab with parapet wall.	938.00	Sq. m	60.00	56280.00
5	Providing and applying two coats of Acrylic based elastomeric, crack bridging waterproofing coating on the roof slab parapet wall etc. in the following sequence. i) Sika top seal 107 first coat @1.5 Kg/Sq. m ii) Intermediate reinforcement layer of SIKA Fab '1' iii) Second coat of Sika top seal 107 @ 1.5 Kg/Sq.m	6425.70	Sq. m	220.00	1413654.00
6	Providing and applying protection layer of screed concrete 1:2:4 using 20 mm down size aggregates admixed with IS 2645 integral water proofing SIKA compound plastocrete plus @ 130 ml per bag cement. (Cost of cement, sand and aggregates are excluded and will be paid vide items 8a, b,c)	5260.00	Sq.m	150.00	789000.00
7	Making saw cut joints of 6 mm x 10 mm on the screed concrete at every 4 mtrs. Interval in both directions to prevent drying & hardened shrinkage cracking and filling the joints with flexible UV resistant two component pourable grade PU sealent, SIKA-IGAS-Ih.	5260.00	Sq.m	30.00	157800.00

Sl. No.	Description of the item	Qty	Unit	Rate Rs.	Amount Rs.
8a	Supply of building materials <b>river sand</b> of good quality (Course sand of best quality) as directed by Engineer-in-charge.	160.00	Cu.m	301.50	48240.00
b	Supply of 20 mm and down graded granite metals as directed by Engineer-in-charge.	316.00	Cu.m	800.00	252800.00
c	Ordinary Portland cement (Cement will <u>be issued on payment issue</u> by BHEL at their stores. )	2276.00	Bag	225.00	512100.00
9	Plastering over parapet wall/roof slab in CM 1:4, 20 mm thick including cost of all materials, neat finishing, labour, curing etc. complete.	2082.00	Sq.m	110.45	229956.90
10	Manufacture, supply, & delivery of HDPE pipes conforming to IS 4984 - 1995 of 4 kg/sq.cm including transportation, excise duty, sale tax and specials etc., complete.	416.00	R M	275.00	114400.00
11	Treatment of expansion joints including removal of existing treatment to expose the joint of RCC roof slab and providing (supplying and fixing) with SIKADUR COMBIFLEX strip (150 mm x 1 mm) by using special combiflex adhesive and the top surface of the waterproofing treatment abutting the strip, SIKAFLEX CONSTRUCTION, a permeantly elastic single component polyurethane sealent shall then be applied, which shall be left exposed.	45.00	R M	950.00	42750.00

**Total: Rs 4,043,184.94**

**Total in words :-** Forty lakhs forty three thousand one hundred and eighty five only.

I / We have quoted ..... above [ ] / below [ ] (tick the relevant) for the rates given above.

**% in words:**

**Name of the Contractor :**

**Signature of the Contractor**

**Accounts Representative**

**Opening officer**