



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

SCHEDULE- A

Tender Notice No:

HY/FCD/OT-23/2012-13, Dt: 27.03.2013

PRICE BID

Item no.:1

Name of work: Maintenance of Internal water supply and sanitary fittings in Factory area & Admn. Building area.

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
1a	Labour charges for removing the following broken items and replacing them with new ones which will be issued free of cost at BHEL stores including necessary repairs. The rate quoted shall include cost of fixing of necessary accessories like PVC/Alkathyne/lead pipe of suitable sizes, brackets etc. complete as directed by Engineer-in-charge. Sensor of urinals/flush tanks	25.00	Each	150.00	3,750.00
b	.. do.. Wash hand basins of size 22" x 16"	10.00	Each	267.00	2,670.00
c	.. do.. Porcelain sinks	10.00	Each	286.50	2,865.00
d	.. do.. Indian water closets-23"-size	10.00	Each	310.50	3,105.00
e	.. do.. European water closets.	10.00	Each	247.50	2,475.00
f	.. do.. C.I.Flush tanks of 1/ 3 gallons	15.00	Each	192.50	2,887.50
g	.. do.. Flat back Indian type urinals	25.00	Each	105.00	2,625.00
h	.. do.. Porcelain low down flush tanks of 3 gallons Capacity.	10.00	Each	397.00	3,970.00
2a	Supplying, laying, jointing and testing 101.6 mm (4") SWG pipes of ISI make conforming to ISI 651 & 4127 with airtight cement joints in Cement mortar 1.5:1 prop. including excavation of trenches and socket pits in any soil (except rock requiring blasting) up to 1524 mm (5'.0") depth and refilling with watering and tamping etc. complete as directed by Engineer-in-charge.**	200.00	One RM	348.00	69,600.00
b	Supplying, laying, jointing and testing 152.4 mm (6") SWG pipes of ISI make conforming to ISI 651 & 4127 with airtight cement joints in Cement mortar 1.5:1 prop. including excavation of trenches and socket pits in any soil (except rock requiring blasting) up to 1524 mm (5'.0") depth and refilling with watering and tamping etc. complete as directed by Engineer-in-charge.**	200.00	One RM	471.00	94,200.00
c	Supplying, laying, jointing and testing 254 mm (10") SWG pipes of ISI make conforming to ISI 651 & 4127 with airtight cement joints in Cement mortar 1.5:1 prop. including excavation of trenches and socket pits in any soil (except rock requiring blasting) up to 1524 mm (5'.0") depth and refilling with watering and tamping etc. complete as directed by Engineer-in-charge.**	50.00	One RM	754.00	37,700.00

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
3	Constructing 914.4 mm x 457.2 mm (3'0"x1'6") brick in CM 1:6 prop. Masonry Inspection chamber up to 914.4 mm (3'0") and fitted with light weight 914.4 mmx457.2 mm (3'0" x1'6") C.I frame and cover of 40 kg etc. complete as directed by Engineer-in-charge.**	10.00	Each	2,742.00	27,420.00
4	Constructing 457.2 mm x 457.2 mm(1'6"x1'6") brick in CM 1:6 prop. Masonry Inspection chamber up to 914.4 mm (3'0") and fitted with light weight 457.2 mmx457.2 mm (1'6" x1'6") C.I frame and cover of 20 kg etc. complete as directed by Engineer-in-charge.**	10.00	Each	1,389.00	13,890.00
5	Providing and fixing 32mm dia PVC waste pipe of sink or wash basin including PVC waste fittings etc. complete as directed by Engineer-in-charge.	300.00	Each	46.80	14,040.00
6a	Providing and fixing Chlorinated Polyvinyl chloride (CPVC) pipes, having thermal stability for Hot & cold water supply including all CPVC plain & Brass threaded fittings this includes jointing of pies, & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer-in-charge. ---- 15 mm nominal outer dia pipes etc. complete as directed by Engineer-in-charge.	150.00	Meter	92.60	13,890.00
b	----Do-----20 mm nominal outer dia pipes.	150.00	Meter	107.70	16,155.00
7	Attending in routine water supply and sanitary complaints like controlling overflow of storage tanks, repair & replacement of ball cocks, taps, pillar cocks, flush tanks,AC/CI pipe joints, giving water connections to wash basins, sinks, repair of sensor based valves, laying /dismantling of GI lines upto 1 1/2" dia, complete including cost of labour, tools and tackles, safety equipments as directed. The materials like GI pipes, ball cocks, stop cocks, taps etc. will be issued by BHEL on free of cost at BHEL stores. (It is assessed that a minimum one skilled service and two semi-skilled services are required for carrying out the above job per day) etc. complete as directed by Engineer-in-charge.				
a	1 Skilled service is required for assisting the above job listed in Sl.no. 7 above	287.00	One Oper.	659.52	1,89,282.24
b	2 Semi skilled services required for assisting the above job listed in sl.no. 7 above	287.00	One Oper.	1,225.58	3,51,741.46

S. No.	Description of the item	Qty	Unit	Rate (₹)	Amount (₹)
8	Attending in routine plumbing complaints which are not susceptible for measurements for attending the complaints on manjeera water supply lines which are laid and commissioned recently throughout the factory blocks, annexes/stores etc. in factory area for supply of drinking water for 24 hours continuously and also for cleaning of water storage tanks upto 2000 Ltrs capacity etc. in the all factory blocks (It is assessed that a minimum two Semi skilled service and two Un-skilled services are required for carrying out the above job per day) etc. complete as directed by Engineer-in-charge.				
a	1 Semi -Skilled service is required for assisting the above job.	287.00	One Oper.	612.79	1,75,870.73
b	1 Unskilled services required for assisting the above job.	287.00	One Oper.	565.85	1,62,398.95
	Total value of work			₹	11,90,535.88
Total : ₹ Eleven lakhs ninety thousand five hundred thirty five and eighty eight paise only					

Note: ** The cement will be issued by BHEL on free of cost at BHEL stores.

1	A penalty of 0.5% of the gross value of work will be levied for every week's delay of work or part there of subject to a maximum penalty of 10% of the gross value of work executed after the period of completion.
2	The rates are inclusive of all taxes and duties except Service tax, which is extra as per service tax norms will be paid by BHEL to the agency after submission of necessary documents and VAT not applicable.

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		

Name of the Contractor :

Signature of the Contractor