

BHARAT HEAVY ELECTRICALS LIMITED					
HPEP, RAMACHANDRAPURAM, HYDERABAD-32					
(Township Administration Department)					
				Tender Notice No: HY/TA/OT-01/2019-20	
				Date:03.04.2019	
Schedule-A PRICE BID					
Name of work:- Toilet Repair works in the schools of Township area under BES Funds.					
Sl. no	Description	Total Qty	Unit	Rate	Amount In Rs.)
1	Supplying & Fixing of new urinary pans, "Parry ware" make , ceramic modwl(Cat 0575)-"New Magnum urinal" (600 mm x 400 mm) along with all accessories, C.P spreader Brackets etc. regular in colour along with partition for Magnum Urinal ceramic, "Z" type of bracket to screwed to wall at the bottom, in regular colour etc., complete. (all the materials with necessary fittings are in contractor scope only)	71.00	Nos.	3419.74	242801.54
2	Providing and fixing GI pipe complete with GI fitting including trenching and refilling etc. External work 20mm nominal bore (all the materials with necessary fittings are in contractor Scope only)	150.00	Rmt	146.29	21943.50
3	Providing and fixing GI pipe complete with GI fitting including trenching and refilling etc. External work 25mm nominal bore (all the materials with necessary fittings are in contractor scope only)	150.00	Rmt	194.44	29166.00
4	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead (this includes disposal of material from site)	1,422.30	Sqm	15.00	21334.50
5	Plastering in CM 1:6, 20mm thick to internal and External surfaces of walls including the cost of all materials, labour, curing etc., complete upto floor five level (all the materials are in the contractor scope only)	1,422.30	Sqm	153.85	218820.86
6	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete. (All the materials with necessary fittings are in contracor scope only)	55.00	Each	735.90	40474.50
7	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require :White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps (all materials are in contractor scope, this includes dismantling & disposal of damaged wash basin if necessary)	17.00	Each	1670.28	28394.76
8	Providing and fixing water closet squatting pan (indian type w.c. pan) with 100 mm Sand Cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests (All the materials are in contractor scope only, this includes dismantling and disposal of existing damaged IWC wherever necessary)	17.00	Each	2703.40	45957.80
9	Providing, laying and jointing glazed stoneware pipes class SP-1 with stiff mixture of cement mortar in the proportion of 1:1 (1cement : 1 fine sand) including testing of joints etc. complete 150 mm diameter , (all the materials with necessary fittings are in the contractor scope only)	460.00	RMT	203.13	93439.80
10	Constructing masonry Chamber 90x90x100 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for sluice valve, with C.I. surface box 100 mm top diameter, 160 mm bottom diameter and 180 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), i/c necessary excavation, foundation concrete 1.5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design : (All the materials are in contractor scope only)	20.00	Each	8581.32	171626.40

Sl. no	Description	Total Qty	Unit	Rate	Amount In Rs.) (
11	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS 15622 (thickness to be specified by the manufacture) of approved make in all colours, shades except burgundy bottle green black of any size as approved by engineer in charge in skirting risers of steps and dados over 12mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) including pigment of matching shade etc. complete as per drawing specification and direction of engineer in charge (All the materials are in contractor scope only also this includes dismantling and disposal of old wall tiles.	969.30	Sqm	670.37	649789.64
12	Providing and laying ceramic glazed floor tiles 300x300mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS 15622 of approved make in all colours shades except white Ivory, grey, gume red brown laid on 20mm thick bed of cement mortar 1:4(1 cement 4 coarse sand) including pointing the jointing the joints with white cement and matching pigment etc. complete. (All the materials are in contractor scope only also this includes dismantling and disposal of old floor tiles.	806.30	Sqm	700.39	564724.46
13	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231,with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required:W.C. pan with ISI marked white solid plastic seat and lid (All the materials are in contractor scope only also this includes dismantling and disposal of European type W.C. pan.	12.00	Each	2637.15	31645.80
14	Demolishing brick work manually / by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50mtr lead as per direction of engineer in charge ,In cement mortar	385.00	Cum	566.60	218141.00
15	Providing and fixing mirror of superior glass (approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing Rectangular shape 453x357mm (all the materials with necessary fittings are in contractor scope only)	12.00	Each	554.02	6648.24
16	Providing wood work in frames of doors windows, clerestory windows and other frames, wrought framed and fixed in position Second class teak wood. (all the materials with necessary fittings are in contractor scope only)	4.10	Cum	75679.97	310287.88
17	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows including ISI maked black enamelled M.S butt hinges with necessary screws excluding panelling which will be paid for separately. 30mm thick shutters (all the materials with necessary fittings are in contractor scope only)	27.00	Sqm	1936.89	52296.03
18	Providing and fixing factory made UPVC door frame made of UPVC extruded section having an overall dimensions as below (tolerance +-1mm) with wall thickness 2.0mm +- 0.2mm, corners of the door frame to be mitred and welded of pastic, galvanized brackets and stainless steel screws . the hinges side vertical of the frames reinforced by galvanized stainless steel hinges fixed to the frame complete as per manufactures specification and direction of engineer in charge Extruded section profile size 48x40mm (all the materials with necessary fittings are in contractor scope only)	208.20	Rmt	174.50	36330.90

Sl. no	Description	Total Qty	Unit	Rate	Amount In Rs.)
19	<p>Providing and fixing to existing door frames 24mm thick factory made PVC door shutters made of styles and rails of a UPVC hollow section of size 59x24mm and wall thickness 2mm +- 0.2mm with inbuilt edging on both sides. The styles and rails mitred and joined at the corners by means of MS galvanised / plastic brackets of size 75x220 mm having wall thickness 1.0mm and stainless steel screws. the styles of the shutter reinforced by inserting galvanised MS tube of size 20x20mm and 1mm +- 0.1mm wall thickness. the lock rail made up of H section a UPVC hollow section of size 100x24 mm and 2 mm +- 0.2mm wall thickness fixed to the shutter styles by means of plastic/ galvanised MS.U cleats. the shutter frame filled with a UPVC multi chambered single panel of size not less than 620 mm having over all thickness of 20mm and 1mm +- 0.1mm wall thickness. the panels filled vertically and tie bar at two places by inserting horizontally 6mm galvanised MS rod and fastened with nuts and washers, complete as per manufacture's specification and washers complete as per manufacture's specification and direction of engineer in charge. (for W.C and bathroom door shutter)</p> <p>(all the materials with necessary fittings are in contractor scope only)</p>	114.00	Sqm	2167.35	247077.90
20	<p>Supplying & Fixing "Jaquare" make , urinal flushing valves for urinal pots in all accessories/(Cat 1077)</p> <p>(all the materials with necessary fittings are in contractor scope only , also this includes dismantling and disposal of urinal flushing system)</p>	71.00	Each	1054.68	74882.28
21	<p>Supplying & Fixing "Marc" make , Oyster series brass Bib cock with all accessories/(Cat MOY 1030)</p> <p>(all the materials with necessary fittings are in contractor scope only , also this includes dismantling and disposal of bib cock)</p>	53.00	Each	404.29	21427.37
22	<p>Supplying & Fixing "Marc" make , Oyster series brass pillar cock with all accessories/(Cat MOY 1010)</p> <p>(all the materials with necessary fittings are in contractor scope only , also this includes dismantling and disposal of pillar cock)</p>	15.00	Each	414.68	6220.20
23	<p>Supplying & Fixing "Marc" make , Oyster series brass stop cock with all accessories/(Cat MOY 1040)</p> <p>(all the materials with necessary fittings are in contractor scope only , also this includes dismantling and disposal of brass stop cock)</p>	53.00	Each	557.70	29558.10
24	<p>Supplying & Fixing of "jaquar(Allied) make Health faucet with 8 m dia , 1 meter long flexible tube and wall hook /(Cat no. 573)</p> <p>(all the materials with necessary fittings are in contractor scope only, also this includes dismantling and disposal of Health faucet)</p>	11.00	Each	1058.68	11645.48
25	<p>Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion,(i) Single socketed pipes. 75 mm diameter (all the materials with necessary fittings are in contractor scope only)</p>	144.00	Rmt	114.20	16444.80
26	<p>Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes. 110 mm diameter (all the materials with necessary fittings are in contractor scope only)</p>	184.00	Rmt	186.75	34362.00
27	<p>Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil.</p>	102.00	Cum	130.80	13341.60
28	<p>Brick work FPS brick of class designation 75 in superstructure above plinth level up to floor V level in all shapes and sizes in cement mortar 1:6(1cement :6 coarse sand)</p> <p>(all the materials in contractor scope only)</p>	33.00	Cu.m	3616.32	119338.56

Sl. no	Description	Total Qty	Unit	Rate	Amount In Rs.) (
29	Repairing of PVC Joint at all levels (all the materials with necessary fittings are in contractor scope only)	225.00	Sq.Mts	29.68	6678.00
30	Closing of Sheet cracks, boltholes etc (all the materials with necessary fittings are in contractor scope only)	222.00	Each	7.31	1622.82
31	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, ISI : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes with fittings and the base support for tank. (all the materials with necessary fittings are in contractor scope only)	10,000.00	per litre	5.49	54900.00
32	Supplying and fixing C.I. cover 300x300 mm without frame for gully trap (standard pattern) the weight of cover to be not less than 4.5 kg. (all the materials are in contractor scope only)	103.00	Each	189.05	19472.15
33	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 mm x 457.2 mm (1'6"x1'6") C.I. frame and cover of 20 Kg. (all the materials are in contractor scope only)	20.00	Nos.	2871.20	57424.00
34	Finishing walls with Acrylic smooth exterior paint of required shade, New work (two or more coat applied @ 1.67 ltr/ 10 sqm) over and including base coat of water proofing cement paint applied @ 2.20kg/ 10sqms (all the materials are in contractor scope only)	510.00	Sqm	62.92	32089.20
35	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering- All work upto plinth level 1:4:8 (1cement 4:coares sand 8 grade stone aggregate 40mm nominal size) (all the materials are in contractor scope only)	103.00	Cum	3383.92	348543.76
36	Conveyance by Manual or Mechanical means of Lime, Murram, building Rubbish including loading un-loading with lift of 50 m upto lead mentoned below all complete all as directed by Engineer in charge	181.00	Cum	93.94	17003.14
37	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade New work (two or more coats) over and including water thinnable priming coat with cement primer (all the materials are in contractor scope only)	1,385.00	Sqm	64.58	89443.30
38	Supply and fixing 4" (101.6 mm) Nahany Trap (With Jali with inlet)UPVC/SWR Pipe fittings (Prince /Sudhakar /Kisan/ Supreme or any ISI Brand) (all the materials with necessary fittings are in contractor scope only)	43.00	Each	158.40	6811.20
39	Supply and fixing 12.7 mm PVC connection with brass union nut CP coated. (all the materials with necessary fittings are in contractor scope only)	70.00	Each	93.94	6575.80
40	Supply of JCB	28.00	Hrs	800.00	22400.00
41	Painting with synthetic enamel paint of approved brand and colour to give an even shade as directed by Engineer -in-charge (all the materials in contractor scope only)	77.00	Sqm	75.20	5790.40
42	Providing and fixing solid plastic seat with lid for pedestal type W.C.pan complete White solid plastic seat with lid (all the materials with necessary fittings are in contractor scope only)	11.00	Each	336.75	3704.25
43	Taking out doors windows and clerestory window shutters(steel or wood) including stacking within 50mtr lead(all the dismantling materials shall be return to the BHEL store.	43.00	Each	36.72	1578.96
44	Extra for depth beyond 45 cm of brick masonry chamber :For 457.2 x 457.2 mm size With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 (all the materials with necessary items are in contractor scope only)	55.00	Rmt	2612.62	143694.10
45	Conveyance by Manual or Mechanical means of Lime, Murram, building Rubbish including loading un-loading with lift of 50 m upto lead mentoned below all complete all as directed by Engineer in charge	60.00	Cu.m	93.94	5636.40
46	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering shuttering finishing and reinforcement All work up to plinth level 1:2:4(1cement 2 coarse sand 4 grade stone aggregate 20mm nominal size) (all the materials are in contractor scope only)	11.00	Cum	4489.03	49379.33

Sl. no	Description	Total Qty	Unit	Rate	Amount In Rs.) (
47	Reinforcement for RCC work including straightening, cutting bending placing in position and binding all complete. Cold twisted bars (all the materials are in contractor scope only)	880.00	kg	55.16	48540.80
48	Cleaning and removing all un wanted things from the roof terrace of various buildings at an elevated level of 12 to 20 metre from FFL. Rate includes labour, tools, wire brush, brooms, baskets etc., sweeping and clearing off all dirt, silt, dust, leaves and other foreign matters etc, with out damaging the terrace treatment and thereby collecting all the wastes in bags / casketc, lowering to ground floor with out affecting the working environment and dumping the same in the near by dust bins / earmarked areas / low lying areas etc complete. Sweeping has to be done only as and when necessary. Payment will be made only for the areas where actually the job was carried out.	1499.00	Sqm	1.61	2413.39
49	Clearing jungle including uprooting of rank vegetation, brush wood trees and sapling of girth upto 30 cm measured at a height of 1m above ground level and removal of rubbish upto a distance of 50m outside the periphery of thse area cleared.	300.00	Sqm	4.46	1338.00
50	Providing and fixing ISI marked oxidised M.S. pressed butt hinges of size 75 x 47 x1.70 mm with necessary screws etc all as directed by Engineer-in-charge. (all the materials with necessary fittings are in contractor scope only)	90.00	Nos	15.59	1403.10
51	Providing and fixing ISI marked oxidised M.S. tower bolt black finish(Barrel type) of size 100x10 mm with necessary screws etc all as directed by Engineer-in-charge. (all the materials with necessary fittings are in contractor scope only)	50.00	Nos	27.20	1360.00
52	Providing and fixing ISI marked oxidised M.S. Handls conforming to IS:4992 of size 125 mm with necessary screws etc all as directed by Engineer-in-charge. (all the materials with necessary fittings are in contractor scope only)	31.00	Nos	21.97	681.07
53	Providing and fixing ISI marked oxidised M.S. aldrops of size 300 mm with necessary screws etc all as directed by Engineer-in-charge. (176.00+20% Fitting) (all the materials with necessary fittings are in contractor scope only)	20.00	Nos	195.36	3907.20
Total Amount Rs.					4,290,511.98
Notes:-					
Tender %	In words	Figures			
Excess					
Less					
Estimate					
1	A penalty of 0.5% of the gross value of work will be levied for every week's delay of work subject to a maximum penalty of 10% of the gross value of work. Please refer to the payment terms of technical bid. Penalty shall be applicable as per the mile stones mentioned in the NIT terms.				
2	All the bills of the contractors will be cleared subject to the production of clearance certificate by the contractors in respect of compliance of all statutory requirement, issued by IR section of HR department BHEL.				
3	The Contract period of the work is 02 months and maintenance period of the work is 12 months. The security deposit will be released after completion of maintenance period only.				
4	All the terms & conditions of the contract with respect to Taxes & Duties are subject to the new taxation laws introduced from time to time (e.g., GST). The terms & conditions will be modified in accordance with the provisions of new laws (e.g., GST)				
5	All the materials including all fittings and related materials are in the agency scope only.				