BHARAT HEAVY ELECTRICALS LIMITED

RAMACHANDRAPURAM, HYDERABAD-32

Township Administration Department

SCHEDULE- A

Tender Notice No:

PRICE BID

Description of Work: Civil Repair works in St Ann's High School under BES

S.No	Description	Qty	unit	Rate (Rs)	Amount (Rs.)
1	Dismantling the existing one, Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I.brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required: 17.3.1 W.C. pan with ISI marked white solid plastic seat and lid.MAKE:-Parry ware/Hindware/Cera	1.00	Each	6685.00	6685.00
2	Dismantling the existing one & 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, 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: White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests.MAKE:-Parry ware/Hindware/Cera		Each	5421.50	5421.50
3	Supply and fixing of new urinary pans, "Parry ware" or other equivqlent make make, ceramic, Model (Cat 0575)- "New Magnum Urinal" (590 mm x 400 mm) along with all accessories, C.P spreader brackets etc., along with partition for Magnum Urinal ceramic, 'Z' type brackets to be screwed to the wall at the bottom. Colour - Silky Off - White	1.00	Each	9360.60	9360.60
4	Dismantling the existing one 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-10 litre capacity - White	1.00	Each	1668.10	1668.10
5a	Supply and fixing with "Parry ware" or other equivqlent makemake Cascade pedestal ceramic wash hand basin of size 630 mm x 450 mm and pedestal size 705 mm height, with centre tap hole with all accessories like brackets, screws, PVC connections nad single 15 mm CP brass pillar cock etc. complete. Colour: Silky Off - White.		Each	3087.70	3087.70
b	Supply and fixing of 15 mm CP brass pillar cock as directed by EIC.	5.00	Each	207.00	1035.00
6-a	Supply & fixing 15 mm dia Nominal Bore GI pipe medium Grade properties and weight as per IS 1239 ISI mark with GI fittings including the cost of GI pipe & its fittings, chasing brick work/concrete and making good the same ,cost of labour , all materials etc. complete. Make: TATA/JINDAL/ZENITH		RM	447.60	31332.00
b	do 20 mm dia nominal bore	16.00	RM	494.10	7905.60
С	do 25 mm dia nominal bore	20.00	RM	364.55	7291.00
7	Providing and fixing uplasticised PVC connection pipe with brass unions: 15 mm nominal bore of 450 mm long. Make of Sudhakar. Complete etc as directed by EIC.	2.00	each	72.85	145.70
8a	Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means including stacking of pipes within 50 metres lead as per direction of Engineer-in-charge: 15 mm to 40 mm nominal bore metre 44.10	100.00	RM	44.10	4410.00
b	Dismantling of old S.W. pipes including breaking of joints and bed concrete stacking of useful materials near the site within 50 m lead and disposal of unserviceable materials into municipal dumps: 100 mm diameter	5.00	RM	63.45	317.25

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S.No	Description	Qty	unit	Rate (Rs)	Amount (Rs.)
9	Providing, laying and jointing glazed stoneware pipes class SP-1 with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete.100 mm diameter	5.00	RM	317.05	1585.25
10-a	Providing and fixing Brass stop cock of approved quality and	2.00	each	302.25	604.50
b	colour.(15MM) etc Complete as directed by EICdo20 mm	2.00	each	326.45	652.90
11-a	Supplying and fixing plain Unplasticised PVCs Pipes of 110 mm (4 kg/sqcm)dia of approved quality with specials, accessories and approved sealing / jointing compound on the exterior of the inserted portion of the fitting and fixing in position and jointing to MS gutters, including cost of all materials, sealing compound, labour etc., for all heights complete.	10.00	RM	236.50	2365.00
b	DO 75MM DIA	10.00	RM	113.30	1133.00
12	Dismantling of the existing specials and Supplying & Fixing Prince / Sudhakar make or equivalent approved quality (U.V. resistant UPVC) SWR pipe fittings (as per ISI standards) etc complete all as directed by Engineer-in-charge.				0.00
а	75 mm dia plain bend.	1.00	Each	75.88	75.88
b	75 mm dia plug bend.	1.00	Each	75.88	75.88
С	75 mm dia off-set.	1.00	Each	87.55	87.55
d	75 mm dia Single 'Y' with door.	1.00	Each	128.41	128.41
е	75 mm dia pipe clip.	1.00	Each	11.67	11.67
f	75 mm dia single tee with door.	1.00	Each	134.24	134.24
g	110 mm dia plain bend.	1.00	Each	87.55	87.55
h	110 mm dia plug bend.	1.00	Each	93.39	93.39
i	110 mm dia Single 'Y' with door.	1.00	Each	105.06	105.06
j	110 mm dia Double 'Y' with door.	1.00	Each	116.73	116.73
k	110 mm dia off-set.	1.00	Each	116.73	116.73
I	110 mm dia vent cowl.	1.00	Each	35.02	35.02
m	110 mm dia pipe clip.	1.00	Each	29.18	29.18
n	110 mm dia single tee with door.	1.00	Each	134.24	134.24
0	110 mm dia coupler.	1.00	Each	52.53	52.53
13	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 a) 15 mm nominal bore 18.53.1 15mm nominal bore.All materials supply are in contractor scope only.	2.00	Each	532.00	1064.00
14 a	Providing and fixing brass bib cock of approved quality:15 mm nominal bore. Etc complete all as directed by EIC.	2.00	each	302.55	605.10
b	do - 20 mmnominal bore	2.00	each	326.45	652.90
15	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.	2.00	each	101.10	202.20
16	Brick work with FPS bricks of Ground moulded in superstructure above plinth level up to floor V level in all shapes and sizes in cement mortar 1:6. All items supply are in contractor scope only	76.00	Cu.M	7590.45	576874.20
17	Dismantling and disposal of plastering on walls up to a distance of 2 kms. Lead, the following including the cost of labour, tools, transport etc. all complete all as directed by Engineer-in-charge.	2800.00	One Sqm	39.00	109200.00
18	Plastering in CM 1:6, 20 mm thick to internal and external surfaces of walls including the cost of all materials, labour, curing etc., complete - Upto 10.00 m height. All materials supply are in contractor scope only	2500.00	Sq.m	345.65	864125.00
19	Plastering in CM 1:6 , 12 mm thick to internal and external surfaces of walls including the cost of all materials, labour, curing etc., complete. All materials supply are in contractor scope only.	1000.00	Sq.m	254.25	254250.00
20	Plastering to the ceiling in CM 1:3, 6mm (1 cement : fine sand).All materials supply are in contractor scope only.	600.00	Sq.m	227.35	136410.00

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21 a	Hire charges for access scaffolding-upto 3.66m using Casuarina Ballies, banboos, wooden reapers, Runners, wood posts, wall plates etc. for plastering walls-1Sqm(1st Floor). All the materials are in the contractor scope.		Sq.m	8.60	17200.00
b	do(2nd floor)	2000.00	Sq.m	11.87	23740.00
22	Providing and fixing factory made UPVC door frame made of UPVC extruded section of size 48 x 40 mm (tolerance ±1 mm) with wall thickness 2.0mm ± 0.2 mm, corners of the door frame to be mitred and welded of plastic, galvanized brackets and stainless steel screws. The hinge side vertical of the frames reinforced by galvanized M.S tube of size 19 x 19 mm and 1 mm ± 0.1 mm wall thickness and 3 nos. stainless steel hinges fixed to the frame complete as per manufacturers specification and direction of Engineer-in-charge.	12.00	One Rmt	221.65	2659.80
23	Supply and fixing 30 mm thick factory made Polyvinyl Chloride (PVC) door shutter of approved make made of styles and rails of a uPVC hollow section of size 60x30 mm and wall thickness 2 mm (± 0.2 mm), with inbuilt decorative moulding edging on one side. The styles and rails mitred and joint at the corners by means of M.S. galvanised/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutterreinforced by inserting galvanised M.S. tube of size 25x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x30 mm and 2 mm (± 0.2 mm) wall thickness fixed to the shutter styles by means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multichambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, All fittings for door like Aldrops,tower bolts,handles and hinges should be supplied by agency only.complete as per manufacturer's specification and direction of Engineer-in-charge	4.00	Sqm	1978.65	7914.60
24	Supply and fixing 1 st 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 and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete all as directed by Engineer-in-Charge.	32.00	One Sqm	1030.30	32969.60
25	Providing and laying ceramic glazed anti skid resistant floor tiles 395 x 395 mm (thickness to be specified by the manufacture) of 1st quality conforming to IS:15622 of approved make in colours such as White, Ivory, Grey, Fume, Red Brown, laid on over a base of cement based high polymer modified quick-set tile adhesive (water based) confirming to IS 15477 using not less than 5 kg adhesive per sqm of tile area , in average 3mm to 10 mm thick and hacking the existing surface including cost of all materials , neat finishing and jointing with coloured cement etc. complete all as directed by Engineer-in-charge.	6.00	One Sqm	836.55	5019.30
26	Dismantling brick masonry walls for all heights, removing and clearing the debris and carting away upto to lead of 2 KM including loading, unloading and spreading segregating useful materials as directed by Engineer-in-charge including the cost of all labour scaffolding etc., complete.	76.00	Cu.m	1589.44	120797.44

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S.No	Description	Qty	unit	Rate (Rs)	Amount (Rs.)
27	Dismantling reinforced cement concrete / plain cement concrete and disposing of debris upto to a lead of 2 KM including loading, unloading and spreading as directed by Engineer-in-charge etc., complete.	30.00	Cu.m	2654.24	79627.20
28	Supply and fixing of superior quality mirror of standard make with fibre glass reinforced plastic frame, plastic sheet back and necessary rubber channel of size 453 x 357 mm. The glass shall be of minimum 4 mm thick belgium processed and copper back etc complete.	2.00	Each	1120.25	2240.50
29	Supplying and fixing PVC Nahany traps 1st quality ISI marked conforming to IS: 1729 - 1979 with C.P Grating fixing with white cement as per site requirements with standard practice - 100mm inlet - 75 mm dia (3") outlet pipe - 4 Kgs.	2.00	Each	247.80	495.60
30	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering shuttering, finishing and reinforcement including consolidation by vibrations for all works up to plinth level with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size) etc., complete all as directed by Engineer-in-charge.All material supply is in agency scope only		Cu.M	7718.25	154365.00
31	Providing mild steel / torsteel reinforcement including cutting, bending and binding of rods, tying grills, conveyance and placement of reinforcement in position etc complete including cost of steel and binding wire and all handling charges. Make TATA / ZINDAL / SAIL.		One MT	83500.00	8350.00
32 a	Centering and shuttering including strutting, propping etc. and removal of form for Foundations, footings, bases of columns, etc. for mass concrete. Jack supporting for slabs while doing brick wall constrcution wherever required. All material supply is in agency scope only		Sqm	284.85	28485.00
b	doWalls (any thickness) including attached pilasters, butteresses, slab,plinth and string courses etc.Jack should be provided as per site codition if required as directed by EIC.	20.00	Sqm	609.30	12186.00
С	doEdges of slabs and breaks in floors and walls	20.00	Sqm	173.25	3465.00
d	doStairs, (excluding landings) except spiral-staircases	20.00	Sqm	622.35	12447.00
33	Cleaning of roof, corridors, chajjas etc. Providing and fixing ISI marked MS pressed butt hinges bright	250.00	Sqm	5.50	1375.00 0.00
a	finished with necessary screws etc. complete 125x65x2.12mm	10.00	each	46.25	462.50
b	75x50x2.12 mm	10.00	each	31.05	310.50
35	Providing and fixing IS 1341 marked MS heavy weight butt hinges with necessary screws etc. complete				0.00
	125x90x4.00mm	10.00	each	56.30	563.00
36	Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete.size:-250x10 mm	20.00	each	373.65	7473.00
37	Providing and fixing ISI marked oxidised M.S. handles conforming to IS:4992 with necessary screws etc. complete: 9.66.1 :125 mm	20.00	each	34.85	697.00
38	Supply and fixing M.S aldrop powder coated of 16 mm dia 300 mm long heavy type with plate folded hooks required nuts and bolts as directed by the Engineer-in-charge	10.00	each	234.40	2343.95
39	Providing and fixing solid plastic seat with lid for pedestal type W.C. pan complete. White solid plastic seat with lid	5.00	each	571.00	2855.00

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HY/TA/BES/OT-04/2022-23, Dt:10.05.2022

S.No Description Amount (Rs.) Qty Rate (Rs) 40 Distempering with 1st quality oil bound washable distemper distemper (ready mixed) having VOC content less than 50 gms/litre, of approved manufacturer, of required shade and colour complete, as per manufacturer's specification. On old work. Two coats. Old surface 4100.00 Sqm 87.15 357315.00 to be scraped neatly and uneven surfaces should be filled up by putty wherever required. .All material supply are in agency scope.Paint shoud be of reputed Brand-Asian paint/Nerolac/Burger 41 Distempering with 1st quality 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 2000.00 153.45 306900.00 Sqm with cement primer.All material supply are in agency scope.Paint shoud be of reputed brand-Asian paint/Nerolac/Burger 42 Painting with synthetic enamel paint of approved brand and manufacture to give an even shade: .Old surface should be scraped thoroughly to get a perfect finish. One or more coats on old work . All 1600.00 79.95 127920.00 Sqm materials should be supplied by agency only. Paint should be of reputed brand-Asian paint/Nerolac/Burger 43 Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade :Two coats .Old surface surface should be scraped thoroughly to get a perfect finish and uneven 6000.00 106.80 640800.00 Sqm surfaces should be filled up by putty wherever required .All materials should be supplied by agency only..Paint should be of reputed brand. Asian paint/Nerolac/Burger Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade: Two or more coats on new 2000.00 Sqm 128.65 257300.00 work. All materials should be supplied by agency only. Paint should be of reputed brand. Asian paint/Nerolac/Burger 45 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 362.00 Rm 305.05 110428.10 expansion, including shoes and bends (i) Single socketed pipes. 110 mm diameter Reinforced cement concrete work in walls (any thickness) including attached pilasters buttresses plinth and string course fillets columns pillars piers abutments posts and struts etc. up to floor five level centering 10.00 9306.00 93060.00 cost of shuttering finishing Cum excluding reinforcement.1:1.5:3(1cement 1.5 coarse sand 3 grade stone aggrigate 20mm nominal size). All material supply is in agency scope onlv. 47 Reinforcement for RCC work including straightening, cutting bending placing in position and binding all complete. Hot twisted bars should 80.00 83.50 6680.00 Kg be supplied by agency only.Make-SAIL/TATA/JINDAL Providing and fixing PTMT Ball cock of approved quality, colour and 48 make complete with Epoxy coated aluminium rod with L.P./ H.P.H.D. 10.00 252.65 2526.50 each plastic ball.18.62.2 20 mm nominal bore, 120 mm long, weighing not less than 198 gms 25 mm nominal bore 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 4000.00 per litre 8.80 35200.00 and overflow pipes but without fitting and the base support for 50 Labour charges for removing and refixing erection PVC tanksincluding transportation from Dept stores to work spot (including all 5.00 each 562.25 2811.25 necessary fittings and specials like ball cock, nipples..etc).

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S.No	Description	Qty	unit	Rate (Rs)	Amount (Rs.)
51 a	Supply & fixing 15 mm dia Nominal Bore GI pipe medium Grade properties and weight as per IS 1239 ISI mark with GI fittings including the cost of GI pipe & its fittings, chasing brick work/concrete and making good the same ,cost of labour , all materials etc. complete. Make: TATA/JINDAL/ZENITH	30.00	RM	447.60	13428.00
b	Do 20mm dia (3/4")	20.00	RM	494.10	9882.00
С	25 mm dia nominal bore metre	10.00	RM	540.60	5406.00
52	Repairs to the existing doors, windows, ventilators and cup boards including frame, shutters, fittings, weldmesh, T.W beadings etc., all as directed by the Engineer-in-charge.(Only labour charges).	400.00	One Sqm	176.96	70785.84
53	Providing and fixing glazed shutters for doors windows and clerestory windows using 4mm thick float glass panes including black enamelled ISI marked MS butt hinges with necessary screws.35mm thick	60.00	One Sqm	4353.75	261225.00
54 a	Renewing glass panes and refixing existing wooden fillets:-Supply and fixing of Float glass panes of nominal thickness 4 mm (weight not less than 10kg/sqm) wherever required as directed by EIC.	10.00	One Sqm	989.85	9898.50
b	doFloat glass panes of nominal thickness 5 mm (weight not less than 12.5kg/sqm)	5.00	One Sqm	1284.20	6421.00
55	Providing and fixing ISI marked flush door shutters conforming to IS 2202 (part I) decorative type core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross band and face veneerson both faces of shutters				0.00
а	do30mm thick including ISI marked stainless steel butt hinges with necessary screws	20.00	One Sqm	2756.35	55127.00
b	do25mm thick (for cupboard) including ISI marked nickel plated bright finished MS piano hinges IS 3818 marked with necessary screws	10.00	One Sqm	2464.70	24647.00
56	Supply and fixing of medium Indian teakwood window shutters 30 mm thick fully glazed with 3 mm thick glass of approved quality including cost and fixing of MS fixtures, fittings and furniture of superior quality etc., complete as directed by the Engineering charge	30.00	One Sqm	2267.87	68035.97
57	Fabrication and erection of Structural steel work riveted, bolted or welded in built up sections, trussesand framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.All structural steel items should be supplied by agency only.Make-SAIL/TATA/JINDAL		Kg	101.50	609000.00
58	Providing and fixing mild steel round holding down bolts with nuts and washer plates complete.	300.00	Kg	83.85	25155.00
59	Constructing masonry Chamber 30x30x50 cm inside, in brick work in cement mortar 1:4 (1 cement :4 coarse sand) for stop cock, with C. I. surface box 100x100 x75 mm (inside) with hinged cover fixed in cement concrete 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 40mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12mm thick, finished with a floating coat of neat cement complete as per standard design: With common burnt clay F.P.S. (non modular) bricks of class designation 7.5. All material supply is in agency scope only.	3.00	each	1582.45	4747.35

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60	Constructing masonry Chamber 60x60x75 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for sluice valve, with C.I. surface box 100mm 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 20mm 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 :With common burnt clay F.P.S.(non modular) bricks of class designation 7.5	2.00	each	9288.40	18576.80
61 a	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	3.00	each	817.00	2451.00
b	Providing and fixing in position pre-cast R.C.C. manhole cover and frame of required shape and approved quality. L D - 2.5 Rectangular shape 600x450 mm internal dimensions	2.00	each	1017.10	2034.20
С	Square shape 450 mm internal dimension	2.00	each	987.65	1975.30
62	Supplying and fixing C.I. cover without frame for manholes: 455 x 610 mm rectangular C.I. cover (light duty) the weight of the cover to be not less than 23 kg	2.00	each	2457.95	4915.90
63	Supply and Fixing of Hi-ribs galvalume /Zincalume sheets of 0.5 mm tk. 1 mtr width and length upto 12 mts with factory cut and fixing to the roof shall be crest fixed to roofpurlins with number 12- 14 x 55 mm polymer coated galvanised hex head self drilling screws with integral washers and EPDM seals (4 fasteners for support) for sheet etc., complete asdirected - For roofing, side cladding and louvers with necessary fixtures. All the safety measures should be taken care by the agency itself.	150.00	Sqm	755.71	113356.80
64	Supply & Fixing of 0.5 mm thick colour sheet flashings hood / ridges/ triangular portion closers to require shape with self threaded screws etc. complete as directed.	20.00	Sq.M	859.68	17193.54
65	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+ 0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7microns epoxy primer on both side of the sheet and polyester topcoat 15-18 microns using self drilling/ self tapping screws complete:				0.00
	Ridges plain (500 - 600mm)	160.00	mtr	416.30	66608.00
66	Coursed rubble masonry in second sort with hard stone in foundation & plinth with cement mortar 1:6 (1 cement :6 coarse sand)	20.00	Cu.M	6805.25	136105.00
67	Providing and laying APP (Atactic Polypropylene Polymer) modified prefabricated five layer, 3 mm thick water proofing membrane, black finished reinforced with glass fibre matt consisting of a coat of bitumen primer for bitumen membrane @ 0.40 litre/ sqm by the same membrane manufactured of density at 25°C, 0.87 - 0.89 kg/ litre and viscocity 70 - 160 cps. Over the primer coat the layer of membrane shall be laid using butane torch and sealing all joints etc., and preparing the surface complete. The vital physical and chemical parameters of the membrane shall be as under: Joint strength in longitudinal and transverse direction at 23°C as 350/ 300 N/5 cm. Tear strength in longitudinal and transverse direction as 60/80N.Softening point of membrane not less than 150°C. Cold flexibility shall be upto -2°C when tested in accordance with ASTM, D-5147. The laying of membrane shall be got done through the authorised applicator of the manufacturer ofmembrane: 3 mm thick.	500.00	Sqm	350.00	175000.00

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68	Clearing jungle including uprooting of rank vegetation, grass, brush wood,trees and saplings of girth upto 30 cm measured at a height of 1m above ground level and removal of rubbish upto a distance of 50 m outside the periphery of the area cleared.	500.00	Sqm	12.55	6275.00	
69	Felling trees of the girth (measured at a height of 1m above ground level) including cutting of trunks and branches removing the roots and stacking of serviceable material and disposal of unsserviceable material. Beyond 30cm girth upto and including 60cm girth	3.00	Each	380.60	1141.80	
70	Felling trees of the girth (measured at a height of 1m above ground level) including cutting of trunks and branches removing the roots and stacking of serviceable materials and disposal of unserviceable materials - upto 1.2 M		Each	1694.40	3388.80	
71	Felling trees of the girth (measured at a height of 1m above ground level) including cutting of trunks and branches removing the roots and stacking of serviceable materials and disposal of unserviceable materials - Beyond 120 cm girth and upto and including 240 cm girth.		Each	7860.55	7860.55	
72	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design:19.4.1 100x100 mm size P type . With common burnt clay F.P.S. (non modular) bricks of class designation 7.5		Each	2307.00	4614.00	
73	Providing impervious coat in CM 1:4, 20 mm thick using approved water proofing compound at one Kg/bag of cement when the roof slab is green including arranging proper slopes, for easy flow of rain water, curing etc complete.	100.00	Sqm	108.84	10884.00	
		Tota	I Estimate	Work = Rs.	6234789.75	
	Tender % on A					
	In Words			In Figures		
Excess						
Less						
Estimate	The bidders are required to quote the tender value on percentage (%)	basis at av	0000 or loo		ith actimated	
*	value in figures and words. Bidders are requested to fill only one row.	טמאא מו פאנ	Less of les	s or on par w	itii estiinated	
	Risk Purchase : In case the contractor fails to execute the work with	in the sche	duled time	or due to an	y other reasons,	
1	BHEL reserves the right to get the same completed through some oth additional expenditure incurred due to the same shall be charged to the			cost of the co	ntractor and any	
2	All the materials are in the Contractor Scope Only. BHEL Will not give any FREE Issue Materials. All the materials like Structural Steel / Torsteel / Cement shall be submitted as per Indian Standard and Test Certificate shall be submitted along with materials.					
3	The rates are Including taxes.					
4	The maintenance period is 12 (Twelve) months . The security deposit will be released after satisfactory completion of the work and after getting I.R clearance and payment of final bill.					
5	Penalty terms: a) In the event of delay in supply of goods and or services beyond contractual delivery date, penalty of 0.5% per week or part there of shall be levied on the gross value of work done subject to a maximum of 10% of the gross value of the total work executed. Penalty amount so determined along with GST if applicable thereon shall be recovered. b) 1) If the agency fails to commence the work within 7 days from the date of LOI, a penalty of 0.5% per week delay, subject to a maximum of 2% of the gross value of work will be applicable. if such delay extends beyond 4 weeks, then BHEL reserves the right to terminate the contract without further notice and to initiate risk purchase clause.					

PRICE BID

Description of Work: Civil Repair works in St Ann's High School under BES

S.No	Description	Qty	unit	Rate (Rs)	Amount (Rs.)		
6	<u>Taxes:</u> Bidders shall quote their Basic price exclusive of taxes. The applicable taxes on supply of material or services, as the case may be viz.GST shall be quoted separately, clearly showing the Service Code/Tariff Head, Rate of Tax and Amount of Tax in the Bid. The reimbursement of taxes to the contractor is contingent upon fulfilment by the contractor of all statutory provisions as stipulated in the relevant taxation statue enabling BHEL to avail the eligible input tax credits. TDS at the rates prescribed under Income Tax Act shall be deducted from the payments due to Contractor and BHEL shall issue the necessary TDS Certificates for such deductions made.						
7	The tender % age quoted by the contractor shall be inclusive of all taxes and duties other than GST as applicable from time to time.						
8	All the bills of the contractors will be cleared subject to the production of compliance of all statutory requirement, issued by IR section of HR	department	BHEL.	•	·		
9	The agency shall submit the I.R. clearance certificate for the above within one month from the actual date of completion of work.	vork and arr	ange to g	et the final bi	Il sent to Finance		
10	The agency has to pay the minimum wages to workers with statunotification and as per NIT. For USW= ₹ 550.38, SSW= ₹ 587.73 statutory if any increase in future DA is to be borne by the agency.						
11	The agency has to bring police clearance certificate for the work force						
12	All the terms and conditions of the contact with respect to taxes & duti	es are subje	ect to the r	ew taxation la	aws introduced		
13	Payment shall be made stage wise on approval from engineer in charge						
14	Vendor shall raise GST invoice on BHEL Education Society.						
15	If BHEL is unable to avail the input tax credit, the same amount shall be	e recovere	d from the	vendor bills.			
16	Use of stone dust is not permitted in any civil works.						
	GST CLAUSES						
	Following points to be complied with :						
17	In case GST credit is delayed/denied to BHEL Education Society due or expiry of timeline prescribed in GST law for availing such ITC, or amount shall be recoverable from vendor along with interest levied/lev	r any other riable on BH	reasons r	ot attributabl	e to BHEL, GST		
18	In case vendor delays declaring such invoice in his return and GST cr reversed subsequently as per GST law, GST amount paid by BHEL recoverable from vendor/contractor along with interest levied / leviable	towards suc					
19	The bidder shall arrange to send to BHEL, Hyderabad along with all Invoice (Original for Recipient) along with his bills.	the require	d documer	nts as in Purc	chase Order, Tax		
20	Vendor to ensure correct applicability of IGST/CGST/SGST/UTGST goods and services or both.	based on th	ne Inter /In	tra state mov	rement Supply of		
21	Taxes and duties prevalent on the contractual delivery date or the a lower shall be applicable paid. Composition Scheme to be addressed.		ery date (i	n case of de	lay) whichever is		
22	Vendor shall note that the Invoice has to be raised quoting HSN Cod wherever applicable.		or Accour	nting Code of	Services or both		
23	Invoice should mention BHEL Education Society.						
24	In case of any short supply of goods or service Vendor has to raise a provisions.	a credit not	e for short	supplied qua	intity as per GST		
25	Any GST liability arising on BHEL under reverse charge before actual receipt of goods and or services and/or invoice thereof would be subject to recovery of interest leviable for the period between the date of such liability and actual date of eligibility of ITC based on receipt of goods, receipt of invoices and other conditions specified in GST law, as applicable.						
26	Supplier shall mention their GST registration number in all their invoices and invoices shall be in the format as specified/prescribed under GST laws. Invoices shall necessarily contain Invoice number (in case of multiple numbering system is being followed for billing like SAP invoice no, commercial invoice no etc., then the Invoice No which is linked/uploaded in GSTN network shall be clearly indicated), item description as per PO, Quantity, Rate, Value, applicable taxes with nomenclature (like IGST, SGST, CGST & UTGST) separately, HSN/ SAC Code, etc.						
27	A declaration to the effect that all tax liability as per GST rules and reg	julations sha	all be disch	narged.			