

GUJARAT MINERAL DEVELOPMENT CORPORATION LIMITED

Name of work: Tender No-09/ATPS/ARC- CIVIL MAINTENANCE WORK./2024 (Re invite) - Annual Contract for two years at Plant site/colony site for Civil maintenance work (as and when require) at 2x125 MW Akri Mota Thermal Power station at village Nanichher, Ta:Lakhpur, Dist-Kutchh .

PRICE BID- CIVIL WORK

Unit details: Cmt-Cubic meter , Smt-Square meter ,Rmt-Running meter ,KG-Kilo gram, No-Number

Item No	Description	Qty for one year	Unit	Rate	Amount
1	Excavation for foundation up to 1.5 Meter depth including sorting out and stacking of useful materials and disposing of excavated stuff up to 50 Meter lead.(a) In Soil /Dence or Hard soil	100	Cmt	0.00	0.00
2	Excavation for foundation up to 1.5 Meter depth including sorting out and stacking of useful materials and disposing of excavated stuff up to 50 Meter lead.(a) In Soil /Dense or Hard soil(for colony area)	2	Cmt	0.00	0.00
3	Filling in foundation and plinth with murrum or selected soil in layers of 20 cm. Thickness including watering ramming and consolidating etc. complete.	2	Cmt	0.00	0.00
4	"Do" as above item no-3 but for colony area	2	Cmt	0.00	0.00
5	Filling in plinth with sand under floors including watering ramming, consolidating and dressing etc. complete.	3	Cmt	0.00	0.00
6	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm. In depth consolidating each deposited layer by ramming and watering.	2	Cmt	0.00	0.00
7	Providing and laying precast concrete block masonry (including quoin blocks Jamb blocks, closer etc.) with solid concrete blocks having minimum compressive strength 60 Kg/Sq cm of approved size made of cement concrete 1:3:6 mix (1cement : 3 course sand : 6 graded stone aggregates of 20 mm and down gauge) in foundation , plinth & in super structure up to 3.0mt ht. in cement mortar 1:6 in true line level and plumb including racking out joints up to 15mm depth rubbing and cleaning the surface including curing ,scaffolding etc. as directed including cost of cement. etc.as directed by EIC	45	Cmt	0.00	0.00
8	"Do" as above item no-7 , but for Colony area	20	Cmt	0.00	0.00
9	Precast concrete block masonry in partition walls 10 cm thick with solid block of approved size (including quoin blocks Jamb blocks closer etc.) made of CC.1:3:6 (1-cement:3-coarse sand: 6- graded stone aggregates 20 mm and down grade) (a) in C.M. 1:4	40	smt	0.00	0.00
10	Providing & laying Brick work using common Brunt clay building bricks having crushing strength not less than 35 Kg./Sqcm. In foundation and plinth in super structure in cement mortar 1:5 in true line level and plumb including racking out joints , rubbing and cleaning the surface , curing ,scaffolding etc. as directed for all type of structure including cost of cement. etc.as directed by EIC.	3	Cmt	0.00	0.00
11	Providing and laying cement concrete 1:3:6 (1- cement : 3- coarse sand : 6- hand broken stone aggregates 40 mm. nominal size in line & level including competc.ion, curing etc.complete for all type of work like in foundation ,plinth ,floor including cost of form work and cost of cement.	25	Cmt	0.00	0.00
12	"Do" as above as per item no- 11 , but for colony area	5	Cmt	0.00	0.00
13	Providing and laying cement concrete 1:2:4 (m-150) and finishing smooth with curing etc. complete including the cost from work but excluding the cost of reinforcement for all type of R.C.C structure like footings, walls, beams, slabs, lintels, fins, coping weather shed, stair, raft, columns ---- etc. as directed and specified including watering, pouring, required scaffolding, hoisting for all depth and heights including cost of cement.	5	Cmt	0.00	0.00
14	"Do" as above, item no. 13 for "M15" For colony premises	2	Cmt	0.00	0.00
15	"Do" as above for , item no-13 , but for M20 grade concrete	5	Cmt	0.00	0.00
16	"Do" as above item no.13 but for M25 grade concrete	160	Cmt	0.00	0.00
17	Providing fixing & laying prestressed concrete cover M25 etc. complete including the cost of reinforcement, MS Hook for all type of R.C.C structure like footings, drain, trench , walls, beams, slabs, lintels, fins, coping weather shed, stair, raft, columns ---- etc. as directed and specified by EIC including transportation etc. complete. (1) for 75mm thick	100	SMT	0.00	0.00

18	"-----Do-----" as above item no-17 , biut for 100 mm thick	50	SMT	0.00	0.00
19	Extra for additional lift of concrete for all R.C.C. work above floor two level excluding cost of reinforcment	2	Per floor/per Cu.mt.	0.00	0.00
20	Extra for providing and mixing water proofing materials in cement concrete in mix proportions recommended by the manufacturers.	75	In liter of Kg. per Qtl. of cement	0.00	0.00
21	Providing TMT CRS bar reinforcement confirming to IS 1786 for R.C.C. work including straightening, cutting, bending binding with 16gauge annealed wire, and placing in position etc. complete as directed for all levels including cost of reinforcement steel.	1000	Kg	0.00	0.00
22	Providing and laying cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm. nominal size) laid in one layer finished with a floating coat of neat cement. (a) 40mm. thick.	50	smt	0.00	0.00
23	" -do- as above item no-22 but for 50mm. thick.	50	smt	0.00	0.00
24	Providing wood work in frames of doors, windows and other similar works, wrought, framed and fixed in position - Indian teak wood etc.as directed by EIC. (a) For plant area - (B) For colony area	100	Cmt	0.00	0.00
25	Providing and fixing 35mm. thick Indian teak wood shutters for doors, windows and clerestory windows including black /white enameled M.S. Butt hinges with necessary screws.etc.as directed by EIC. for Fully Paneled (For plant area - 10smt and For colony area - 90smt)	100	smt	0.00	0.00
26	-do- as above as per item no-25 but for (c) Fully glazed	50	smt	0.00	0.00
27	-do- as above item no-25 but for (d) Partly paneled and partly glazed	50	smt	0.00	0.00
28	Providing and fixing 25mm. thick Indian teak wood shutters for cup-boards etc. including black/white enameled M.S. butt hinges with necessary screws.(a) Fully Paneled	2	smt	0.00	0.00
29	" "Do" as above as per item no-28 for Colony area	500	Smt	0.00	0.00
30	-do- as above , item no-28 but for - Fully glazed	2	smt	0.00	0.00
31	-do- as above but for - Partly paneled and partly glazed	2	smt	0.00	0.00
32	Providing & fixing 35mm. thick shutters for doors, windows and clearstory windows including Indian teak wood frames 12cm. x 7cm. size including anodized aluminum fixtures & fastenings including primer coat at approved quality and two coats of oil painting etc. complete.(a) Fully paneled	15	smt	0.00	0.00
33	" "Do" as above item no- 32 but for Colony area	15	Smt	0.00	0.00
34	" Do as above , item no.32 but for Partly paneled & partly glazed	2	smt	0.00	0.00
35	Providing and fixing 35 mm thick shutter for doors , windows and clearstory windows including enameled painting, MS Butt hinges, with necessary screws , handle, stopper, Indian teakwood, fully paneled	100	smt	0.00	0.00
36	Providing & fixing of Indian teak wood frames 12cm. x 7cm. size for doors, windows and clearstory windows including primer & enamel paintingtwo coat of approved quality and make by Engineer in charge as directed and specified.	50	smt	0.00	0.00
37	Providing 15 mm. Thick cement plaster in single coat in CM 1:3 on all side of Brick/concrete walls surface finished even and smooth in true line ,level and plumb for any height including normal patta, grooves, racking the joints or roughening the RCC surface necessary scaffolding, curing etc. complete as directed including cost of cement. etc.as directed by EIC.(For plant area-900smt and for colony area-100smt)	1000	Smt	0.00	0.00

38	20 mm thick sand faced cement plaster on walls of all type of surface consisting of 12 mm thick backing coat of c.m. 1:3 (1 cement : 3 sand) and 8 mm thick finishing coat of c.m. 1:1 (1 cement : 1 sand) at any height in true line, level and plumb including normal patta, grooves, racking the joints or roughening the RCC surface necessary scaffolding, curing complete etc. complete including cost of cement. etc.as directed by EIC.	900	Smt	0.00	0.00
39	Extra over for above two items 37 and 38 for providing and mixing water proofing material in cement mortar in proportion recommended by the manufacturers.	5	Per bag of 50Kg.of cement used in mix	0.00	0.00
40	Providing and fixing 4mm sheet glass ordinary quality bedded in putty and fixed with Splash pin/clip and necessary cutting of glass including the removing of old glass as directed.	100	Smt	0.00	0.00
41	"-----Do-----" as above item no- 40 for 5mm bajri glass	5	Smt	0.00	0.00
42	Providing & fixing 6mm th. Rough cast wired glass ordinary bedded in putty and fixed with splash pin/clip and necessary cutting of glass including the removing of old glass as directed.	15	Smt	0.00	0.00
43	Supplying and placing of miscellaneous MS inserts such as MS flats, anchor bolts, assemblies, pipe sleeves, angles, channels, plate with lugs etc. at the locations as indicated in the drawings including all tools, tackles, welding M/c. Welding in position to correct. lines and levels, cutting etc. complete as per drawing and as per instruction of engineer in charge including cost of structural steel.	150	KG	0.00	0.00
44	Providing & fixing M.S. Plain grills of required pattern to wooden frames of windows etc. with M.S. flats at required spacing and frame all-round square or round bars with round headed bolts and nuts or by screws of required patterns to wooden frames of windows/to M.S. frame windows including cost of st. steel etc. as directed.	10	Kg	0.00	0.00
45	Providing & fixing rolling shutters of approved make made of 80 mm. Wide M.S. Laths inter-locked together through their entire length and jointed together at the end locks mounted on specially designed pipe shaft with bracket plates, guide channels and out side locking with push-pull operation including the cost of Hood cover and spring etc. complete. Up to shutter width of 3.5mt.etc.as directed by EIC.	10	Smt	0.00	0.00
46	"Do" as above item no- 45 for Shutter having width above 3.5mt.	5	Smt	0.00	0.00
47	Providing & fixing rolling shutters of approved make made of 80 mm. wide ,18 gauge (1.2mm thick) - M.S. Laths inter-locked together through their entire length and jointed together at the end locks mounted on specially designed pipe shaft with bracket plates, guide channels and out side locking with Gear operated type with Crane handle of high quality operation including the cost of Hood cover ,The springs used in the roller for counter balancing the rolling shutter should be made from high tensile spring steel wire. Spring having 10 cm dia of having Tensile Strength : 145-160 kg/mm2 etc.complete. Shutter width of 3.5 mt.& above etc.as directed & approved by EIC.	100	SMT	0.00	0.00
48	Providing and fixing 27.5 to 45 cm. long wire Spring having 10 cm dia of having Tensile Strength : 145-160 kg/mm2 , Grade-2 & approved make for rolling shutter including all necessary fitting, tools & tackles, labors etc. as approved & directed by EIC.	60	NO	0.00	0.00
49	Providing and fixing for Rolling shutter Steel Pulleys having size of 15 cm dia & 2.54 cm thick complete with bolts,nuts,locking arrangements,welding including tools & Tackles and labors etc. as directed & approved by EIC.	60	NO	0.00	0.00
50	Providing and fixing Rolling Shutters Bottom Patti of approved make made of 125 mm. wide M.S. Laths inter- locked together through their entire length 2.70 to 3.50 mtr and jointed together, of 16 Gauge Thick having weight of 9 kg at the end locks mounted on specially designed pipe shaft with bracket plates guide channels and out side locking with push- pull operation including the cost of all necessary fitting, welding, Tools & tackles and labors etc. as directed & approved by Engineer I/C.	60	KG	0.00	0.00

51	Providing and fixing Rolling Shutters Patti of approved make made of 80mm. wide M.S. Laths inter- locked together through their entire length 2.70 to 3.50 mtr and jointed together, of 18 Gauge Thick having weight of 4.5 kg at the end locks mounted on specially designed pipe shaft with bracket plates guide channels and out side locking with push- pull operation including the cost of all necessary fitting, welding, Tools & tackles and labors etc. as directed & approved by Engineer I/C	60	KG	0.00	0.00
52	Full Service in Rolling shutter with minor repairing, welding, removing dirt, dust, cleaning of surface, grecing, oiling, making of smooth working of open & close of rolling shutter, proper locking arrangement with bolts as per necessary for all mechanism, nuts, stoppers, handles, proper washing, etc as directed by EIC. Shutter (Up to 3mtr width)	15	Nos	0.00	0.00
53	Same as above item no-52 , "for width more than 3 mtr	7	Nos	0.00	0.00
54	Providing corrugated G.I. sheet of class-3 roofing fixed with glavanished iron J or L Hooks, Bolts and nuts 8mm diameter with bitumen and G.I. limpet washer or G.I. limpet washer. filled with white lead complete excluding the cost of purlins, Rafters and Trusses.(1) 0.80 mm thick sheet.	5	Smt	0.00	0.00
55	"Do" as above item no.54 but from 26mt elevation to 70mt elevation	5	smt	0.00	0.00
56	Providing ridges or hips 600mm. over all in plain G.I. sheet fixed with G.I. 'J' or 'L' hooks, bolts & nuts 8mm. dia. G.I. Limpet and bitumen washer complete. with(l) 0.80 mm. thick sheet.etc.as directed by EIC.	5	sqm	0.00	0.00
57	Providing 7mm thick A.C. (asbestos cement sheets) roofing fixed with Galvanized iron 'J' or 'L' hooks bolts and nuts 8 mm. diameter with bitumen and G.I. Limpet washers filled with white lead, bitumen washer etc. complete excluding the cost of purlins, rafters and trusses. etc.as directed by EIC.	500	Smt	0.00	0.00
58	"Do" as above item no-57 but roofing with FRP sheet of IS standard and make is as approved by Engineer in charge. .	15	smt	0.00	0.00
59	Providing & fixing of 0.5mm thick Corrugated Galvalum Sheets (ISI approved) pre-painted / coated sheets roofing fixed with self drilling screws with rubber washer must be from materials compatible with roofing etc. including all tools , tackles, labor, materials complete excluding the cost of purlins, rafters and trusses up to any height with safety precaution. Material approved by EIC.	100	smt	0.00	0.00
60	Providing ridges or hips 600mm wide, 0.5mm thick Galvalum Sheets (ISI approved) pre-painted / coated sheets roofing fixed with self drilling screws with rubber washer must be from materials compatible with roofing etc. including all tools , tackles, labor, materials complete as directed by EIC.	50	smt	0.00	0.00
61	Providing and laying white glazed tiles 6 mm thick in flooring treads of steps and landings laid on a bed of 12 mm thick cement mortar 1:3 (1 cement : 3 coarse sand) pointing in white cleaned jointed with white cement slurry in line & levels as specified and directed including cost of cement.etc.as directed by EIC.	5	Smt	0.00	0.00
62	Providing and laying Vitrified tiles 8 to 10 mm thick , 24" x 24" in skirting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) and jointed with white cement slurry	110	Smt	0.00	0.00
63	P & L marbo granite flooring tiles 8mm thick in flooring treads of steps and landings laid on a bed of 12mm thick cement mortar 1:3 (1 cement : 3 coarse sand) finished with flush pointing in white cement etc.as directed by EIC.	30	Smt	0.00	0.00
64	Providing and laying 30mm thick Kota stone slab flooring over 20 mm (average thick base of cement mortar 1:6 (1 cement : 6 coarse sand) and jointed with grey cement slurry including rubbing and polishing complete in line & levels as specified and directed including cost of cement.etc.as directed by EIC.	5	Smt	0.00	0.00

65	Removing/scrapping of old white wash/distemper by washing and scrapping and sand papering the wall surface smooth including necessary repairs to scratches complete.	40	Smt	0.00	0.00
66	Scraping oil paint from steel and other metal surfaces and making the surface even with hand scraping	25	Smt	0.00	0.00
67	White washing with lime on wall surface (two coats) to give an even shade including thoroughly booming the surface to remove all dirt, dust; mortar drops and other foreign matter as directed by EIC.	100	Smt	0.00	0.00
68	Painting two coats (excluding priming coat) on steel and other metal surfaces with enamel paint, brushing interior to give an even shade including cleaning the surface of all dirt, dust and other foreign matter for all heights including required scaffolding etc. complete.etc.as directed by EIC.	2500	Smt	0.00	0.00
69	Applying priming coat over a new steel and on other metal surface after and including preparing the surface by thoroughly cleaning, oil, grease, dirt & other foreign matter and scoured with brushes fine steel wool, scrapers and sand papers with ready mixed priming paint brushing red lead for all heights, scaffolding etc. complete etc.as directed by EIC.	400	Smt	0.00	0.00
70	Distemping (two coats) with oil bound distemper of approved brand & manufacturer & of required shade on wall surfaces to give an even shade, over & including a primary coat with alkali resistance primer of approved brand after thoroughly brushing the surface free from mortar dropping & other foreign matter & also including preparing the surface even & smooth for all heights including required scaffolding etc. complete.	2000	Smt	0.00	0.00
71	Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surface to give an even shade including throughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth.	50	smt	0.00	0.00
72	Finishing wall with water proofing cement paint of on wall surface (two coats) to give an approved brand and manufacture and of required shape even shade after thoroughly brushing the surface to remove all dirt, and removing of loose powdered materials for all heights including required scaffolding etc. complete.etc.as directed by EIC.	500	Smt	0.00	0.00
73	Varnishing two coats (excluding priming coat) on new wood and wood based surfaces, under coating with flatting varnish to give an even surface including cleaning the surface of all dirt, dust and sand papering so as to produce smooth dry surface.	10	smt	0.00	0.00
74	Providing and fixing water closet squatting Pan (Indian type W.C. Pan) size 580mm (Earthwork, bed concrete, foot reste and trap to be measured and paid for separately) (A) Vitreous China.(I) Long pattern = White colour	15	No	0.00	0.00
75	Providing and fixing 100mm size P or S trap for water closet squatting pan including jointing the trap with the pan and soil pipe in cement Mortar 1:1 (1-Cement : 1-Fine sand)(A) Vitreous China.	10	No	0.00	0.00
76	Providing and fixing C.P. brass towel rail comlete with C.P. brass brackets fixed to wooden plugs with C.P. brass screws.(B) 600mm x 20mm size.	5	No	0.00	0.00
77	Providing and laying UPVC 80 schedule approved quality pipe of the following nominal bore and tube , fitting including all fittings, labour and at all level. (Earth work in trenches to be measured and paid for separately) etc. as directed by EIC. (a) 15 mm .	20	Rmt	0.00	0.00
78	" "Do" as above , item no-77, for (b)25 mm	12	Rmt	0.00	0.00
79	" "Do" as above item no-77, for (c)50 mm	6	Rmt	0.00	0.00
80	" "Do" as above, item no-77, for (d) 75 mm	6	Rmt	0.00	0.00
81	" "Do" as above item no-77, for (e) 100 mm	6	Rmt	0.00	0.00
82	Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete.[A] 15 mm.	12	Rmt	0.00	0.00

83	"Do" as above item no-82, for (b) 25 mm dia	10	Rmt	0.00	0.00
84	Providing and fixing cast iron (Spun) Nahni trap of the following nominal diameter of self cleaning design with C.I. screaed down or higned grating including cost of cutting and making good the walls and floor 100mm inlet and 50mm outlet.(C) 100mm dia..as directed by EIC.	5	No	0.00	0.00
85	Providing and fixing S.W. gully trap with C.I. grating brick masonry chamber and water tight C.I. cover with frame of 300mm x 300mm size (inside) with standard weight.(i) Square mouth traps. (A) 100mm x 100mm size P type.	2	No	0.00	0.00
86	Providing and fixing CP Brass screw down Bibcock of std quality like ESSCO , D'sons or equivalent as directed by EIC. a)15mm	5	No	0.00	8.00
87	Providing and fixing Pillar Tap having capstan head, screw down high pressure with screws, shanks and back nuts of std qualityetc. like ESSCO , D'sons or equivalent as directed by EIC. a)15mm	1	No	0.00	0.00
88	Providing and fixing Brass screw down Stop Cock / angle cock of std quality like ESSCO , D'sons or equivalent as directed by EIC.a)15mm	1	No	0.00	0.00
89	Providing and fixing chromium plated brass half turn flush cock of approved quality including fixing in pipe line etc. complete.etc.of std quality. as directed by EIC.a)20mm	5	No	0.00	0.00
90	Providing and fixing gun metal check or non return fullway wheel valve etc.of std quality as directed by EIC.a)15mm (0.5")	5	No	0.00	0.00
91	"Do" as above for item no90 (b)20 mm (0.75")	5	No	0.00	0.00
92	"Do" as above for item no-90 (c)25mm (1")	5	No	0.00	0.00
93	Supply, Installation of Cast Iron Non Return Valve, with SS internals, Single Disc, Soft Seat, Wafer Design, PN 10 Rating, Suitable to mount between Class 150 Flanges including required sizes Flanges with 2 nos flanges, nuts bolts & gasket PUMP ROOM PIPING & UNDER GROUND TO OVER HEAD TANK PIPING - 100 MM NB	1	No	0.00	0.00
94	Supply, Installation, Testing of CI Body Ball Valves with ASTM A 351 GR CF8M ball mirror finished, AIS 316 Stem, three-piece design, Virgin PTFE Seat singly moulded with pressure releasing slots, Body Seal: PTFE, with Belleville washers, Gland Packing and Stem Seal : 35 % Carbon Filled PTFE, regular bore, Design as per BS 5351. Screwed ends to BSPT of 40 NB MM	1	No	0.00	0.00
95	"--DO--" for item no-94for 25 NB MM	1	No	0.00	0.00
96	Supply , Installtion of- C.I Butterfly Valve, Having Black Nitrile Integrally moulded Liner, Nylon Coated Disc, Wafer Design, Lever Operated, PN 10 Rating. Suitable to mount between Class 150 Flanges including required sizes Flanges with 2 nos flanges, nuts bolts & gasket including loading, unloading, testing, and all other taxes. [A-1] 150 NB MM	1	No	0.00	0.00
97	"-- DO --" as above item no-96 ,for 100 MM NB	1	No	0.00	0.00
98	Providing and fixing C.P. brass waste coupling for wash basin or sink etc.of std quality as directed by EIC.(a) 32 mm	10	No	0.00	0.00
99	"Do" as above as per item no-98, for (b) 40mm	10	No	0.00	0.00

100	P/F Brass float valve heavy duty with P.V.C. ball cock incl. Required tools, tackles, ladders etc. etc.of std quality. as directed by EIC.a) 25mm	50	No	0.00	0.00
101	"Do" as above but for item no-100 for (b) 50mm	10	No	0.00	0.00
102	Providing and fixing wash basin with single hole for pillar tap with C.I. Or M.S. brackets painted white including cutting holes and making good the same but excluding fittings: Vitreous china, Flat back white wash basin 500mm x 400mm size including cost of cement. Etc.of std quality as directed by EIC.	5	No	0.00	0.00
103	Providing fixing chromium plated bottle trap with necessary coupling of approved quality for wash basin, by Engineer in charge	2	No	0.00	0.00
104	Providing and fixing 600mm. x 450mm. beveled edge mirror of superior glass mounted on 6mm. thick A.C. sheet or plywood sheet and fixed to wooden; lugs with C.P. brass screws and washers. Etc.of std quality as directed by EIC.	20	No	0.00	0.00
105	Providing and fixing urinal approved quality connetc.ing the urinal with integral longitudinal flush pipe Squatting plate pattern white earthen ware 550 mm X 300 mm including cost of cement. Etc.of std quality as directed by EIC.	2	No	0.00	0.00
106	Providing and fixing wash down water closet (European type, W.C. Pan with integral 'P' or 'S' trap including jointing the trap with soil pipe in cement mortar 1:1 (1 cement : 1fine sand) Vitreous china pattern : including Providing and fixing plastic seat and cover for wash down water closet with C.P. Brass hinges and rubber buffers including cost of cement. Etc.of std quality as directed by EIC.	5	No	0.00	0.00
107	Providing and fixing 12.5 liters low level flushing cistern with a pair of C.LI or Mild Brackets, complete with fittings such as lead value syphon 15mm. nominal size brass ball valve with polythene float, C.P. Brass handle unions and couplings for connections with inlet, outlet and over flow pipes, 40mm. dia. porcelain enameled flush bend including cutting holes in walls and making good the same connetc.ing the flush bend with cistern and closet (over flow pipe to be measured and paid for separately).(A) Vitreous china In white color	3	No	0.00	0.00
108	Providing and laying (Two level or slopes) and jointing with stiff mixture of cement mortar in proportion 1:1 salt glazed stone ware pipes following nominal internal diameters including testing of pipes and joints etc. complete.(a) 100mm. dia.	2	Rmt	0.00	0.00
109	"Do" as above item no- 108, for (b) 150mm. dia.	2	Rmt	0.00	0.00
110	Supplying of fine, clean sand as per approved quality and specification including all taxes, royalties lead and lift etc. as directed.	10	Cmt	0.00	0.00
111	"Do" as above item n-110 for but For Colony Area	10	Cmt	0.00	0.00
112	Supplying of 10 to 25 mm size clean aggregate with out impurities as per approved quality and specification including all taxes, royalties lead and lift etc. as directed.etc.as directed by EIC.	5	Cmt	0.00	0.00
113	"Do" as above item no-112 for For Colony Area	10	Cmt	0.00	0.00
114	Supplying of solid Concrete block of size 200x200x350mm in C.M 1:3:6 having minimum compressive strength 60Kg/Sq. cm. as per approved quality and specification including all taxes, royalties lead and lift etc. as directed.	200	No	0.00	0.00
115	Making hole in Brick masonry/CGI sheet/in RCC for Providing pipes, sleeves having diameter from 75mm to 150 mm up to 15 mt ht. from GL etc.as directed by EIC.	2	No	0.00	0.00

116	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting in line and levels as directed and joining the pipes in CM 1:2 watering and laying (to level of slops) of I.S. Class NP 2 of following internal diameters.etc.as directed by EIC.(a) 300 mm dia	10	Rmt	0.00	0.00
117	"Do" as above item no. 116 for (b) 450mm dia	2	Rmt	0.00	0.00
118	"Do" as above, item no-116 for (c) 600 mm dia	2	Rmt	0.00	0.00
119	Providing and fixing water tight storage tank (Sintex make) made from linear low density polyethylene and low density polyethylene LDPE product confirming to IS 10145-1982 with cover including providing and fixing one 25 mm dia float valve ball cock , one 25 mm dia GI waste pipe with plug , one 25 mm dia GI cover flow pipe of length up to 0.3 mt. including making all connetc.ion for inlet/ outlet supply with necessary fittings for out let /inlet etc. at any level with all men power , tools ,tackles completed as directed (a) For 500 liter capacity	5000	LITRE	0.00	0.00
120	"Do" as above, item no-119 for (b) For 1000 liter capacity	1000	LITRE	0.00	0.00
121	"Do" as above item no-119 for (c) For 2000 liter capacity	2000	LITRE	0.00	0.00
122	Fixing of removed Hinges to M.S angle frame at various locations by welding as directed including all tools, tackles, manpower, welding rods, welding M/c etc. completed.etc.as directed by EIC.	2	No	0.00	0.00
123	Laboure charges for Fixing of old CGI/GI Sheets in proper position including all manpower tools, tackles with necessary J or L hooks, GI/Limpet/ bitumen washer aor all height as per directed etc. complete.	5	Smt	0.00	0.00
124	Providing and fixing 12 mm thick Gypsum Board sheet for false ceiling including aluminum frame setc.ion size of 25 mm of standard approved quality as per instruction of EOC, including tools , tackles, all labour charges at any height and as directed by EIC.	10	Smt	0.00	0.00
125	Providing and fixing 5 mm thick fiber sheet of good quality in ceiling with 75x 50 mm teak wood frame for fixing in ceiling at every 1.0 meter center to center with tongued and grooved joint with wooden screw and intermediate supports as per instruction of EIC, including tackles, all labour charges at any height and as directed by EIC.	20	smt	0.00	0.00
126	Providing and fixing 12 mm thick fiber sheet of good quality in cupboard with tongued and grooved joint with wooden screw and intermediate supports as per instruction of EIC, including tools tackles, all labour charges at any height and as directed by EIC.	25	smt	0.00	0.00
127	Providing and fixing 18 mm thick fiber sheet of good quality in cupboard with tongued and grooved joint with wooden screw and intermediate supports as per instruction of EIC, including tools tackles, all labour charges at any height and as directed by EIC.	10	smt	0.00	0.00
128	Laboure charges for Repairing of old False ceiling work and refixing the same in proper position with necessary tools, tackles, manpower for any height etc. complete including frame and board.	10	Smt	0.00	0.00
129	Laboure charges for fixing of old Door/Window/Ventilator in position as directed including & providing new hold fast making groove in the wall, fixing in C.C. including minor repairing, making it good including two coat of approved quality oil paint etc. complete as directed.	5	Smt	0.00	0.00
130	Removing of any structural steel work by gas cutting etc. incl depositing the cut material in GMDC store as per instruction of EIC with all necessary safety, manpower, tools & tackles etc. complete.etc.as directed by EIC.	5	KG	0.00	0.00
131	Drilling of hole max.up to 20mm dia /squaresize and 150mm to 300mm deep in RCC structure including all materials ,laboures ,tools and tackles and max 10mt ht.from relevant floor.etc.as directed by EIC.	5	No	0.00	0.00

132	Providing cement vata (10 cm. x 10 cm. size) quarter round in cement mortar 1:1 including neat cement finishing watering at any ht. etc. complete.etc.as directed by EIC.	15	Rmt	0.00	0.00
133	Providing and laying Chemical water proofing treatment using Dr. Fixit Tournshield APP/SBS modified bitumen based,heavyduty membranes of 4mm thickness for water proofing of large area of pre treatment system at ATPS Nanichher carrying out the work as per specification . Contractor shall have to give pond test and 5 years performance guarantee for the treatment to be furnished against any leakage or seepage, including cleaning (demolition of previous treatment of flooring if required) curing as directed.	50	Smt	0.00	0.00
134	"Do" as above item no-133 (a) but for colony area	50	Smt	0.00	0.00
135	Providing and laying , Grouting below column/equipment's base plate, anchor bolts, pipe selves, pocket girder, etc. with a grout of 1:1:1- i.e. (1cement, 1groutoing admixture & 1sand) including the cost of admixture to obtain non shrink grout as per manufacture's instructions. including cost of labor, equipment,	10	KG	0.00	0.00
136	Providing and fixing of ISI approved make hydraulic door closer as directed by Engineer in charge	10	No	0.00	0.00
137	Providing and fixing Brass Chromium plated Mortise lock Godrej make with handles of approved quality.	10	No	0.00	0.00
138	Demolition including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift for R.C.C. work etc.as directed by EIC.	5	Cmt	0.00	0.00
139	Demolition of Brick work and stone masonry including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.(ii) In Cement Mortar.	5	Cmt	0.00	0.00
140	Dismantling tiles or stone floors laid in cement mortar including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift including required manpower, tools, tackles etc. complete as directed.	1	Smt	0.00	0.00
141	Dismantling of sheet roofing including ridges, hips,valleys,gutters, etc. stacking of serviceable materials with all lead and lift -etc.as directed by EIC. (a) G.I. Sheet roofing	100	Smt	0.00	0.00
142	"Do" as above item no-141 , for (b) A.C. Sheet roofing	50	Smt	0.00	0.00
143	Dismantling wood work , wrought frame and fixed in frames trusses including stacking the materials with all leads and lifts as directed by EIC.	10	Cmt	0.00	0.00
144	Dismantling steel work , including dismantling and stacking the materials with all leads and lifts as directed by EIC.	20	Kg	0.00	0.00
145	Dismantling doors, windows, ventilators, etc. (wood or steel) shutters including chowkhats, Architraves, Holdfasts and other attachment etc. complete and stacking them within all lead & lift. etc.as directed by EIC. (a).Not exceeding 3 Sq.M. in area.	5	each	0.00	0.00
146	"Do" as above, item no-145 for (b) Exceeding 3 Sq.M. in area.	2	each	0.00	0.00
147	Dismantling barbed wire in fencing including making rolls and also including dismantling fencing posts including all earth work concrete in base and making good the disturbed ground stacking useful materials as directed and disposing of the unserviceable materials with all lead and lift.etc.as directed by EIC.	10	Rmt	0.00	0.00
148	Writing letter or figures on any surface with black japan paint (stops,comas, hyphens and the like not to be measured and paid for separately)(i) Block (Letters/Figures)	20	Square Inch	0.00	0.00

149	Providing and fixing 'Y' shaped angle with galvanised barbed wire fencing, to 50x50x6 M.S. angle post of total length 1.6 mtr (0.5 m each length of two side+0.3 mt vertical+0.30 m in grouting) including fixing in cement concrete 1:1.5:3 on top of compound wall. M.S. angle post to be provided at every 2.5 mt interval and extra at every vertical offset/fall of wall with GI Barbed wire having weight 9.38 kg/100 RMT of 14 gauge , 2 ply, 4 points of 7 horizontal raws with M.S angle fix with GI Staple pins, including 2 coats of synthetic enamel paint over one coat of redoxide (PRIMER) on M.S. Angle as directed (Note :concrete quantity will be paid in relevent item)	50	RMT	0.00	0.00
150	Dismantling G.I/C.I. Pipes, G.S.W. Pipes and A.C/PVC. rain water pipes with fittings and clamps excavation including stacking the materials with all lead and lift (for any dia. of pipes) and crediting the same in store etc., complete as etc.as directed by EIC.directed.	10	Rmt	0.00	0.00
151	Providing , supplying and installing glazed partition in 5 mm. fiber sheet/ Plain glass sheet in filled anodized aluminum sections , clips with performed rubber scantling around fiber sheet complete including rigidly fixing aluminum frame work to structural floors , beams , columns etc. complete , Single aluminum member size of 65 mm x40 mm with providing and fixing standard approved quality of materials and bolts as per instruction of EIC. (a) Single aluminum member size of 65 mm x 40 mm.	20	Smt	0.00	0.00
152	Providing and fixing Aluminum glazed window / Ventilation with 5 mm. fiber sheet/ Plain glass sheet in frame size 65x40 mm of aluminum standard sections , with one part of sliding window and one/two part of fixed glass . Glazing shall be of clear plate glass 5 mm thick fied to aluminum glazing clips with performed rubber scantling around glass complete including rigidly fixing aluminum frame work to structural floors / beams columns etc. complete as per instruction of EIC. of 65 mm x40 mm with providing and fixing standard approved quality of materials and bolts as per instruction of EIC. (a) Single aluminum member size of 65 mm x 40 mm	50	Smt	0.00	0.00
153	Providing and fixing anodized Aluminum door opening both side with fixed glazing in aluminum frame work at sides and top of the doors in 5 mm fiber sheet/ Plain glass and confirming to relevant IS including glazing with 5 mm thick clear glass/ fiber sheet , including laying of floor spring of standard quality , including standard hard ware such as hinges, push/pull bars, handles, locking arrangement . , suitable rubber/ ring / bending for fixing glass/ fiber sheet etc. . complete. single aluminum member size of 65 mm x40 mm with providing and fixing standard approved quality of MS handle for Aluminum door with nut , hinges and bolts as per instruction of EIC.	10	Smt	0.00	0.00
154	Colletion of garbage, debris, rubbish leaves, garden waste, broken glass, plastic, small pieces of unwanted-unusable materials, unserviceable waste from various places/ dust bins including loading and transporting through covered tractor trolley having 2.75 cmt capacity and disposing outside the township; premises including disposing and leveling in low laying dumping area, buried the garbage by excavating the pit, fire the same as and when required etc. complete up to 6.00 mtr. lift and minimum 5 km lead all as per directed of Engineer in charge including required labours, materials, tools or plants required for the job.etc.as directed by EIC.Note : During disposing of garbage cables, steel materials or any steel scrap/usable material will found then it will be immediately submitted to the engineer in charge.	1500	Tractor Trip No.	0.00	0.00
155	Coursed rubble masonry with stone of approved quality in foundations and plinth in cement mortar 1:3 (1-cement : 3-coarse sand) etc. complete as directed by EIC.	5	cmt	0.00	0.00
156	Providing and laying inter locking mechanically compacted paver block of approved color of high density 60 mm thick M-20 grade using black trap aggregate of required size & quality for footpath, road etc. including cost of form work using rubber(ERP mould including excoriation, filling, consolidation if required over 50 mm thick sand cushion biding, including cost of labours, tools, tackles etc. as directed and specify.	10	smt	0.00	0.00
157	Cleaning/cutting and removing of grass,bushes and unwanted plants etc. from the open area including required & necessary manpower,All type of tools,tackles either mechanically or manually with disposing of all removed grass,bushes and unwanted plants etc up to 5 km leads as directed by EIC.For work record keep Register/worksheet maintain duly signed for satisfaction of work and checked by EIC.	100	smt	0.00	0.00

158	Cleaning,Sweeping of Roof terraces including cleaning of rain water pipes,rain water drains,rain water spouts,porch,chajja,sunshades, etc,removal of chokage,blockages of rain water pipes etc as per instruction of EIC.cost of materials like coco broom, soft broom, hand cart, topla etc. and other cleaning material are in bidder's scope. For work record keep Register/worksheet maintain duly signed for satisfaction of work and checked by EIC.	100	SMT	0.00	0.00
159	Welding Work:attending minor repairing work pertaining to welding work as shown by EIC.Agency shall have to depute sufficient nos(minimum 1 welder &1 helper) to attended the above Welding job, welding rods,other tools & tackles in bidders scope whenever Required.	25	day	0.00	0.00
	Total- Civil work				