

PRAYAGRAJ DEVELOPMENT AUTHORITY

NAME OF WORK- Construction of 192 Mini MIG Type Flate In Jagratl Vihar Housing Scheme Kalindipuram ALLAHABAD

Particulars
Earth work in excavaion by mechanical means(hdraulic excavator) /manual means over areas (exceeding 30 cm in depth,1.5 m in deph as per as 10sqm on plan) including disposal of excavated earh lead up o 50cm and lif up o 1.5m, disposed earth,to be levelled and nealy dressedDSR No. 2.6/2014)
Earth work in excavaion by mechanical means(hdraulic excavator) /manual means in foundaion trenches or drain (not exceeding ,1.5 m in deph as per as 10sqm on plan) including dressing of sides and ramming bottoms ,lift upto 1.5m,including getting out the excavated soil and disposal of surplus earth excavted soil as directed within a lead of 50 m disposal all kind of soil (DSR . No. 2.8/2014)
P/L in position cement concrete of specifed grade1:4:8 excluding the cost of centering and shuttering - all work upto plinth level(DSR 4.1/2014)
Providing and laying cement concrete in retaining walls,return walls, walls (anythickness) including attached pilasters, columns, piers, abutments, pillars, posts,struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excludingthe cost of centering, shuttering and finishing DSR 4.2.3/2014
1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size
Providing and laying damp-proof course 40mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand (zone-III): 4 graded stone aggregate 12.5mm nominal sizeDSR 4.10/2014
Extra for providing and mixing water proofing material in cement concrete@1KGPER 50KGOF CEMENT (DSR 4.12/2014)
Providing & applying a coat of residual petroleum bitumen of grade of VG-10of approved quality using 1.7kg per square metre on damp proof course aftercleaning the surface with brushes and finally with apiece of cloth lightlysoaked in kerosene oil. DSR 4.13/1
Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3coarse sand : 6 graded stone aggregate 20 mm nominal size) over 75mm thick and grouted with fine sand, including necessary excavation, levelling &dressing & finishing the top smooth (DSR 4.17/2014)
Reinforced cement concrete work in beams, suspended floors, roofs having slopeup to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills,staircases and spiral stair cases above plinth level up to floor five level, excludingthe cost of centering, shuttering, finishing and reinforcement, with 1:1.5:3 (1 cement: 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size). DSR 5.3 /14)
Centering and shuttering including strutting, propping etc. and removal of formfor all heights DSR 5.9/14
Foundations, footings, bases of columns, etc. for mass concrete (DSR 5.9.1/2014)
Suspended floors, roofs, landings, balconies and access platform (DSR 5.9.3/2014)
Lintels, beams, plinth beams, girders, bressumers and cantilever s(DSR 5.9.5/2014)
Columns, Pillars, Piers, Abutments, Posts and Struts(DSR 5.9.6/2014)
Stairs, (excluding landings) except spiral-staircase s(DSR 5.9.7/2014)
Edges of slabs and breaks in floors and walls Under 20 cm wide(DSR 5.9.16.1/2014)

Cornices and mouldings (DSR 5.917/2014)
Weather shade, Chajjas, corbels etc., including edges(DSR 5.9.19/2014)
Reinforcement for R.C.C. work including straightening, cutting, bending,placing in position and binding all complete upto plinth level Thermo Mechanically Treated bars (DSR 5.22A.6/2014
Reinforcement for R.C.C. work including straightening, cutting, bending,placing in position and binding all completeABOVE plinth level Thermo Mechanically Treated bars (DSR 5.22A.6/2014
Providing and laying in position specified grade of reinforced cement concrete,excluding the cost of centering, shuttering, finishing and reinforcement - All workup to plinth level : DSR5.1/14
1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm DSR 5.1.2/14
Reinforced cement concrete work in walls (any thickness), including attachedpilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers,abutments, posts and struts etc. above plinth level up to floor five level, excluding DSR 5.2/2014)
1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm DSR 5.2.2/2014)
M-150 class brick work 1:9 one cement & SIX fine sand of 125 Fm mortar in one brick work in foundation and plinth including supply of all materials labour tools and plants etc. required for completion of the work SI no (303/15)
AS In Item 302A AbOVE But in super structure including necessary cutting and moulding of bricks as requied thickness of wall not to be less than 1.5 brick.add extra labour to above item (303+309+310/2015)
As In Item 309 AbOVE But for wall of one brick thickness for extra labour to the rate of (SI NO 303+309+310A/2015
Providing and fixing ISI marked flush door shutters conforming to IS : 2202(Part I) non-decorative type, core of block board construction with frame of1st class hard wood and well matched commercial 3 ply veneering with verticalgrains or cross bands and face veneers on both faces of shutters 9.21/2014
30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws DSR 9.21.2/14)
Providing and fixing M.S. grills of required pattern in frames of windows etc.with M.S. flats, square or round bars etc. including priming coat with approvedsteel primer all complete.Fixed to steel windows by welding DSR 9.48.1/2014
Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodiccoating not less than grade AC 10 as per IS : 1868), transparent or dyed torequired colour or shade, with nuts and screws etc. complete 250x16 mm DSR 9.96..2/14)
Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coatingnot less than grade AC 10 as per IS : 1868) transparent or dyed to requiredcolour or shade, with necessary screws etc (DSR 9.97/2014)
250X12MM (DSR 9.97.1/2014)
150X10MM (DSR 9.97.3/2014)
Providing and fixing aluminium handles, ISI marked, anodised (anodic coatingnot less than grade AC 10 as per IS : 1868) transparent or dyed to requiredcolour or shade, with necessary screws etc. complete : (DSR 9.100/2014)
125MM (DSR 9.100.1/2014)
100MM (DSR 9.100.2/2014)
Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised(anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyedto required colour and shade, with necessary screws etc. complete.(DSR 9.101/2014)

TWIN rubber stopper (DSR 9.101.2/2014)
Providing and fixing factory made ISI marked steel glazed doors, windows and ventilators, side /top /centre hung, with beading and all members such as F7D, F4B, K11 B and K12 B etc. complete of standard rolled steel sections, joints mitred and flash butt welded and sash bars tenoned and riveted, including providing and fixing of hinges, pivots, including priming coat of approved steel primer, but excluding the cost of other fittings, complete all as per approved design, (sectional weight of only steel members shall be measured for payment DSR 10.11/2014)
Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) (DSR 10.11.1/2014)
Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee-sections, joints mitred and welded, including fixing of necessary but hinges and screws and applying a priming coat of approved steel primer. (DSR 10.13/2014)
Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) (DSR 10.13.1/2014)
Supply and fixing of kota stone in flooring 20mm thick and joint with 1:2 cement and coarse sand with approved colouring materials to be given shade with 12mm base coat (bedding) of 1:2 cement and coarse sand ----- SI 14.24/2015
Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), 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 12 mm 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 (DSR 11.36/2014)
Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete DSR 11.37/2014
Providing gola 75x75mm in cement concrete 1: 1.5:3 ---- finish with cement mortar 1:3---- DSR 12.21/2014
Making khurras 45x45 cm with average minimum thickness of 5 cm cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) over P.V.C. sheet 1 m x 1 m x 400 micron, finished with 12 mm cement plaster 1:3 (1 cement : 3 coarse sand) and a coat of neat cement, rounding the edges and making and finishing the outlet complete. DSR 12.22/2014
12 mm cement plaster of mix : (1 cement: 4 coarse sand) (DSR 13.4.1/2014)
15 mm cement plaster on the rough side of single or half brick wall of mix 1:6 (1 Cement: 6 Coarse sand) (DSR 13.2/2014)
6 mm cement plaster of mix : 1:3 (1 cement : 3 fine sand) (DSR 13.16/2014)
White washing with lime to give an even shade new work (three or more coat) DSR 13.37.10/2014
Applying priming coat: With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood (DSR 13.50.1/2014)
Painting with synthetic enamel paint of approved brand and manufacture to give an even shade Two or more coats on new work (DSR 13.61.1/2014)

Distempering with dry distemper of approved brand and manufacture (one or more coats) and of required shade on old work to give an even shade DSR 14.44./2014
Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations:(a) Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS. 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls upto 300 mm height including cleaning the surface before treatment.(b) Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge (Analysis rate) DSR 22.7/2014 with average thickness of 120mm and minimum thickness at khurra as 65mm (DSR 27.7.1/2014)
Concrete with 4cm gauge brick ballast fine sand of 1.25 fm and cement in proportion of 1:5:10 in foundation and under floor including supply of all material ,labour,t&p etc.required for proper completion of the work (SI NO 274/2015)
P/L Flote Glass 4mm thick with steel bead and of approved shape and section with screw in size, window & csw's frame/shutter & m.s tubular section shutter of door & window (non Schedule-1)
providing and laying Apex paint exterior wall painting (non schedule item-4)
Earth work in cutting in embankment in ordinary soil excavation to be in the form of regular pits not exceeding 0.50 M in depth and earth work in embankment to be in 20cm layers including ramming & dressing the surface to required level & slopes and also including 1.50M lift and 30 M lead the earth from cutting to be used in making embankment or to be deposited as spoil bank within 30 Mtr. distance as directed by E/I. (SI. No. 253/2015)
Cartage of earth at a distance of 4.00 km distance from site including loading and unloading complete in all respect
Distempering with dry distemper of approved brand and manufacture (one or more coats) and of required shade on old work to give an even shade DSR 14.45.1/2014
Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey Cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete (DSR 11.41/2014)
2 cm thick cement plaster in dado of skirting in 1:2 consisting of one part of cement and two part of coarse sand laid in panels finished with 3mm thick floating coat of neat cement including all complete (SI 597/2015)
Marble stone flooring with 18 mm thick marble stone, as per approved by Engineer-in-charge, over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with grey including rubbing and polishing complete with UDAOPUR GREEN MARBLE (DSR 11.23.5/2014)
Supply and laying of brick batts at sink in portion of toilet, bathroom & kitchen (APPROVED RATE ADA)
SANITARY & ELECTRICAL WORKS
Providing and fixing white vitreous china water closet squatting pan (Indian type Orissa pattern W.C. pan of size 580x440 mm WITH 100mm pvc p or s trap pan ware/hind ware with all fitting and fixtures complete including cutting and making good the walls and floors wherever required (DSR

Providing and fixing M.S. holder-bat clamps of approved design Cast iron/cast iron (spun) pipe embedded in and including to Sand cement concrete blocks 10x10x10 cm of 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), including cost of cutting holes good the walls etc. : FOR 100MM (DSR 17.37.1/2014)
Providing and fixing and testing G.I. pipes complete with G.I. fittings and and making good the walls etc. Providing and fixing G.I. Pipes complete with G.I. fittings and clamps, i/c making good the walls etc. concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the wall :(1) 25mm dia nominal bore (DSR 18.10.3/2014)
Providing and fixing and testing G.I. pipes complete with G.I. fittings and and making good the walls etc. Providing and fixing G.I. Pipes complete with G.I. fittings and clamps, i/c making good the walls etc. concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the wall :(1) 15mm dia nominal bore (DSR 18.11.1/2014)
Providing and fixing ball valve (brass) of approved quality, High pressure, with plastic floats complete : 25mm nominal bore (DSR 18.18.3/2014)
Providing and fixing 15mm nominal bore C.P. brass bib cock of approved quality conforming to IS 8931 (DSR 18.49.1/2014)
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 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 : (DSR 18.33.1/2014)
Providing and fixing square-mouth S.W. gully trap class SP-1 C.I. grating brick masonry chamber with water tight C.I. cover complete with frame of 300 x300 mm size (inside) the weight of cover to be not less frame to be not less than 2.70 kg as per standard design: 100x100 mm size P type (DSR 19.4.1/2014)
Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of good the walls and floors : 100 mm inlet and 100 mm outlet (DSR 17.60.1/2014)
Providing and fixing PTMT grating of approved quality and colour (DSR 18.58.1/2014)
P/FIXING OF P.V.C Unplastic rain water pipe 110 mmdia all complete (DSR 12.41.2/2014)
P.V.C BEND (1) 110 dia
P.V.C Tee (2) 110mm dia
Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank (DSR 18.48/2014)
Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings complete. 10 litre capacity - White (DSR 17.18.1/2014)
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 550x400 mm with a pair of 15 mm C.P. brass pillar taps DSR 17.7.3/2014

Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : Kitchen sink with drain board (DSR 17.10.1/2014)
Cartage of earth for additional 30m lead or part of 30m and lift every additional 1.5m or part of 1.5 m
(a) lift 1.50-3.0m
(b) lift 3.0m-4.50m
(c) add difference cost for stacking of earth at 4 leads
add difference cost for filling of stacking of earth
P/Laying in position 1:2:4 grade of reinforced cement concrete excluding the cost --- (dsr 5.1.3/2014)
cutting groove in plaster 1cm wide and 1cm deep by using special tools --SI 18.8/2011
Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations:
P/FIXING OF 50mm dia G.I Spout Pipe etc .all complete of the work
Providing and fixing Khurra 450x450 mm with average thickness of 50mm cc 1:2:4----- DSR
Providing, laying and jointing glazed stoneware pipes class SP-1 with stiff fine sand mixture of cement mortar in the proportion of 1:1 (1 cement : 1 including testing of joints etc. complete (DSR 19.1.2/2014
laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) up to haunches of S.W. pipes including bed concrete as per standard design (DSR 19.3.2/2014)
Construction brick masonry chamber of 30x45x60 cm size with M-150 bricks in cement mortar 1:4 ----- ---(analysis rate)
ELECTRICAL WORK
Making light point 1.5 mm al conductor in side PVC conduit cancelled wiring switches earthing wire etc.all complete (SI NO 131A/2009)
Making Point for fan 1.5 mm al conductor in side PVC conduit cancelled wiring switches earthing wire etc.all complete (SI NO 133A/2009)
Making Point for plug in pvc conduit with 1.5 mm al conductor cable cancelled wiring, earthing wire etc.all complete (SI NO 134A/2009)
S/F of 16swg (1.5mm) thick M.S sheet switch box duly painted with red oxide primer including all complete
(a) 100x100x65mm size box(SI 159/2009)
(B) 200x250x65mm size box(SI 160/2009)
Supply and burying 600x600x6mm G.I plate vertically for earthing with its top at least 3m below ground level ----- (SI 703/2009)
Supply and fixing of 150mm round or hexagonal box for hook with 12mm dia round bar complete with all respect (SI NO 18.16/2009)
Supply and wiring of submain with two nos 2.5mm pvc insulated 1100v grade single core aluminium conductor cable in existing conduit complete with supply of all material .labour,t&p etc --(SI no
EXTRA ITEM
Earth work in cutting in embankment in ordinary soil including all complete. (E/I) (SI. No. 253/2015)
(a) lift 1.50-3.0m
(b) lift 3.0m-4.50m
(c) lift 4.50-6.0m
(d) lift 6.0m-7.50m
cost of earth where ever required to be paid (SI 253a/15)

DEVELOPMENT WORK ROAD
Earth work in cutting in embankment in ordinary soil excavation to be in the form of regular pits not exceeding 0.50 M in depth and earth work in embankment to be in 20cm layers including ramming & dressing the surface to required level & slopes and also including 1.50M lift and 30 M lead the earth from cutting to be used in making embankment or to be deposited as spoil bank within 30 Mtr. distance as directed by E/I. (SI. No. 253/2015)
Cost of earth where required to be paid (si no 253a)
Cartage of earth at a distance of 5.00 km distance from site including loading and unloading complete in all respect (SI 231A)
Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earth with lead upto 50 metres.(DSR 16.1/2014)
Extra for compaction pf earth work in embankment under optimum moisture -----(DSR 16.2/2014)
Consolidation of (G.S.B) BY providing coarse grade material mixing in machancially mix plant at omc etc all complete
P/L 50 MM Thick consolidation B.M premix with greaded approved coarse aggregate -----app rate
P/L 25 MM Thick consolidation S.D.B.C premix with greaded approved coarse aggregate -----app rate
Supply ,stacking ,laying 80mm th cement concrete paver block M-30 Mpa ----- (APPROVED RATE)
S/L of local sand including supply of all labour, t&p etc complete
Bricking edging on both side of road of brick class M-150 8cm wide 12 mm deep in mud morth etc----- (SI 765/2015)
EXTRA ITEM SANCTION
Earth work in cutting in embankment in ordinary soil including all complete. (E/I) (SI. No. 253/2015)
(a) lift 1.50-3.0m
(b) lift 3.0m-4.50m
(c) lift 4.50-6.0m
(d) lift 6.0m-7.50m
(e) lift 7.50m-9.0 m
Earth work in embankment mechanically compacted to 97-100% of maximum dry density----- (SI. NO. 5/2015) (Rate 160.00-122.00=38.00)
DRAIN
Excavation in foundation in ordinary soil ----- (SI 251/2015)
Cement concrete with 2cm gauge stone grit course sand and cement in proportion 4:2:1 including supply of all materials labour tools and plants etc. required for completion of the work SI no (279a)/15
M-150 class brick work 1:4 one cement & four fine sand of 1.25 Fm mortar in one brick work in foundation and plinth including supply of all materials labour tools and plants etc. required for completion of the work SI no 305/15
strucking pointing with cement mortar 1:2 cement & fine sand of 1.25 FM including neat cement, supply of all material labour tools and plants etc. required for completion of the work SI no (574/15
R.c.c work 1:2:4 in cement coarse sand and 2cm gauge stone grite in slab all complete of work as per si no 283a /15)
M.s(tor steel or plain work)such as R.c.c or R.B work complete in all respect as per si no (504)/15

SEWER LINE
Excavation trenches of req. width for pipes cable etc ---exceeding 80mm dia but not exceeding 300mm dia (DSR 2.13.1.2)/2014
P/L non -pressure NP 2 class (light duty) 300mm dia R.C.C pipe with collar ,joint with stiff mixture of cement mortar -----(DSR 19.6.4/2014)
Cement concrete with 2cm gauge stone grit course sand and cement in proportion 4:2:1 including supply of all materials labour tools and plants etc. required for completion of the work SI no (279a)/15
Construction brick masonry chamber of 1.0 x 1.2 x 1.50 mtr internal size size with M-150 bricks in cement morter 1:4 -----(analysis rate)
Addition or subtraction of manhole shaft (1.0x1.20 mtr) for 1.0 mtr of part as per given design and drawing app by ada as per by E/I complete
Construction brick masonry chamber of 0.60x 0.60x0.90 1.0 x 1.2x1.50 mtr internal size size with M-150 bricks in cement morter 1:4 -----(Analysis rate)
Addition or subtraction of manhole shaft (1.0x1.20 mtr) for 1.0 mtr of part as per given design and drawing app by ada as per by E/I complete
Making connection of drain or sewer line with existing manhole -----(DSR 19.21.2/2014)
WATER LINE
Providing and laying Double Flanged (Screwed/ Welded) Centrifugally (Spun) K- 9 -----(DSR 18.73.1/2014)
Providing and laying S&S C.I. Standard specials such as tees, bends, collars tapers and caps etc, suitable for flanged jointing as per IS : 1538 :up to 300 mm dia (DSR 18.66.1/2014)
Providing and fixing C.I. sluice valves (with cap) complete with bolts, nuts, rubber insertions etc. (the tail pieces if required will be paid separately) : (DSR 18.31.3.1/2014)
Construction brick masonry chamber of 1.0 x 1.2 x 1.50 mtr internal size size with M-150 bricks in cement morter 1:4 -----(analysis rate)
Addition or subtraction of manhole shaft (1.0x1.20 mtr) for 1.0 mtr of part as per given design and drawing app by ada as per by E/I complete
Providing and fixing 80MM G.I. pipes complete with G.I. fittings including trenching and refilling etc. (DSR 18.12.8/2014)
Providing and fixing 40MM G.I. pipes complete with G.I. fittings including trenching and refilling etc. (DSR 18.12.5/2014)
Providing and fixing 40MM gun metal gate valve with C.I. wheel of approved quality(screwed end) (DSR 18.17.3/2014)
Providing and fixing 80MM gun metal gate valve with C.I. wheel of approved quality (screwed end) (DSR 18.17.6/2014)
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 -- (DSR 18.33.1/2014)
Painting 40MM DIA G.I. pipes and fittings with synthetic enamel white paint with two coats over a ready mixed priming coat, both of approved quality for new work (DSR 18.38.5/2014)

Painting 80MM DIA G.I. pipes and fittings with synthetic enamel white paint with two coats over a ready mixed priming coat, both of approved quality for new WORK (DSR 18.40.8/2014)
Excavation trenches of req. width for pipes cable etc ---exceeding 80mmdia (DSR 2.10.1.1)/2014
Excavation trenches of req. width for pipes cable etc ---exceeding 80mmdia but not exceeding 300mm dia (DSR 2.10.1.2)/2014
PARK
Excavation in foundation in ordinary soil (loam clay or sand) including lift upto 1.50 metre and lead upto 30 mtr. including filling watering and ramming of excavated earth into the trenches or into the space between the building and the sides of foundation, trenches or into the plinth and removal & disposal of surplus earth as directed by the Engineer in-charge upto a distance of 30m from the foundation trenches.
P/L in position cement concrete of specied grade1:4:8 excluding the cost of centering and shuttering - all work upto plinth level(DSR 4.1/2014)
M-150 class brick work 1:4one cement & four fine sand of 1.25 Fm mortar in one brick work in foundation and plinth including supply of all materials labour tools and plants etc. required for completion of the work SI no 305/15
Providing and laying damp-proof course 40mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand (zone-III): 4 graded stone aggregate 12.5mm nominal sizeDSR 4.10/2014
M-150 class brick work 1:4one cement & four fine sand of 1.25 Fm mortar in one brick work in Super structure including supply of all materials labour tools and plants etc. required for completion of the work SI no 305+309+310/15
Structural steel work riveted ,boltor welded onbuilt up section trusses and framed work, ----(DSR 10.2/2014)
Finishing walls with water proofing cement paint of required shade :New work (Two or more coats applied @ 3.84 kg/10 sqm) (DSR 13.44.1/2014)
UNDER GROUND WATER STORANGE TANK
Excavation in foundation in ordinary soil (loam clay or sand) including lift upto 1.50 metre and lead upto 30 mtr. including filling watering and ramming of excavated earth into the trenches or into the space between the building and the sides of foundation, trenches or into the plinth and removal & disposal of surplus earth as directed by the Engineer in-charge upto a distance of 30m from the foundation trenches.
Add to item no 251-253) for every additional 30 mtr lead or part of 30mtr or for every additional 1.50mtr or part of 1.50mtr all complete (SI 254/2015)
P/L in position cement concrete of specied grade1:4:8 excluding the cost of centering and shuttering - all work upto plinth level(DSR 4.1/2014)
P/L in position cement concrete of specied grade1:1.5:3 excluding the cost of centering and shuttering -all work upto plinth level(DSR 5.1.2/2014)
Reinforced cement concrete work in walls (any thickness), including attachedpilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers,abutments, posts and struts etc. above plinth level up to floor five level, 1:1.5:3 mix excluding DSR 5.2/2014
Reinforcement for R.C.C. work including straightening, cutting, bending,placing in position and binding all completeABOVE plinth level Thermo Mechanically Treated bars (DSR 5.22A.6/2014
Centering and shuttering including strutting, propping etc.Foundations, footings, bases of columns, etc. for mass concrete and removal of form for all heights (DSR 5.9.1/2014)
Centering and shuttering including strutting, propping etc. for wall (any thickness)including attached pilasters,butteresseesand removal of formfor all heights DSR 5.9.2/14

Centering and shuttering including strutting, propping etcSuspended floors, roofs, landings, balconies and access platform . and removal of formfor all heights DSR 5.9.3/14
Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement (a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/ sqm. This layer will be allowed to air cure for 4 hours (b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry. (DSR 22.5/2014)
New Extra Item (Proposed for sanction)
Supply and wiring of submain with two nos 10sqm frlshAluminnium pvc insulated 1100v grade single core aluminium conductor cable in existing conduit coplete with supply of all material .labour,t&p etc --(Si no213/16
S/F of surface/flush mounting 12-Way TPN distribution BOX without MCB complete si
S/F 6am to63amp rating 240 voltc series M.C.B type SI ELECTRICAL 1002B/18
S/F D.P 40amp ISOLATER CAT/TYPEB SI No 1005A/18
S/F of 16swg (1.5mm) thick M.S sheet switch box duly painted with red oxide primer including all complete
(a) 175x100x65mm size box(DSR 1.22.5)
Making call bellpoint 1.0mm alumium conductor cable in side PVC conduit cancelled wiring switches earthing wire etc.all complete (SI NO 125)
P/F C.P.V.C pipe having thermal stabilty for hot &cold water supplyincluding all CPVC plain &brass threaded fitting all complete , fitting and clamp including cutting chasaes and making good the wall25mm dia pipe nominal bore DSR 18.8.1/16
Providing and fixing nahani trap /floor trap of indian makeP.V.CI 100X75mmcomplete (M.R)APPROVED/2014
Providing and fixing white vitreous china water closet squatting pan (Europeean type W.C. pan WITH 100mm pvc p or s trap parry ware/hind ware with all fitting and fixtures complete including cutting and making good the walls and floors wherever required (DSR 17.15/2014)
S/F of 32 amp A.C box without M.C.B on wall with proper connection Havells make(market rate with M.C.B box- M.C.B) =498-143= 355.00
Extra for pre finished nosing in treads of steps of kota stone /sand stone slab DSR NO 11.31/2014
M-150 class brick work 1:4 one cement & four fine sand of 1.25 Fm mortar in half brick work in foundation and plinth including supply of all materials labour tools and plants etc. required for completion of the work SI no 305++309+310A/15
Distempering with dry distemper of approved brand and manufacture (twoor more coats) of required shade on new work over water thinable prime coat to give an even shade DSR 13.40./2014
Supply and fixing of 100mm P.V.C terminal guard (at the end of pipe) market rate
Consolidaction of (G.S.B) BY providing coarse grade material mixing in machancially mix plant at omc etc all complete previos sanction in bond
Cement concrete work 1:2:4 with cement, coarse sand and 2cm gauge stone grite including labour,tools ,plants all completeof work DSR4.1.4/2014
Extra Item parposed ROAD WORK

R.c.c work 1:1.5:3 in cement coarse sand and 2cm gauge stone grit Upto plimnth level all complete of work , 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm DSR 5.1.2/14
M.s(tor steel or plain work)such as R.c.c or R.B work including straightening, cutting, bending,placing in position and binding all complete upto plinth level Thermo Mechanically Treated bars (DSR 5.22A.6/2014
New Extra Item Proposed DRAIN SEWER WORK
Providing and laying non-pressure NP2class (light duty) 250 mm dia. R.C.C. pipe with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete. (DSR 19.6.3/2016)
Providing and laying non-pressure NP2class (light duty) 450 mm dia. R.C.C. pipe with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete. (DSR 19.6.5/2016)
EXTRA ITEM PROPOSED PARK
12 mm cement plaster of mix : (1 cement: 4 coarse sand) (DSR 13.4.1/2014
R.c.c work 1:1.5:3 in cement coarse sand and 2cm gauge stone grit Upto plimnth level all complete of work , 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm DSR 5.1.2/14
M.s(tor steel or plain work)such as R.c.c or R.B work including straightening, cutting, bending,placing in position and binding all complete upto plinth level Thermo Mechanically Treated bars (DSR 5.22A.6/2014
S/F of RCC ,Grill Work 50mm thick (Jali) of approved pattern & make at site of work in cement concrete consisting if cement, approved in coarse sand and 6mm nominal size stone grit in the proportion of 1:2:4 and reinforced with 6mm dia M.S Wire /bar/inclding cutting and fine sand of 1.25fm mortar all complete all respectSI NO 18.07/2015
providing and laying exteerior wall painting (non schedule item-4) approved rate Dsr no 13.48.1/2014
Spareeding of sludge manuar in require proportion specified or directed by engineer in charge. (DSR hor. 2.8/16)
Supply of putting of shrubs plants 165 has height multibranches ewll developed with full fress and helthy lives flowering tree plants boths side of road (green belt) as per direction of I/C (A.R)
supply and putting of 45 Cm height different colour, euphobia, bogen, belia, tikoma, bauhinia etc. all complete. (A.R/DSR. 10237/6 Hort.2016
Supply of pakki farm yard manure (F.Y.M.) (DSR hort. 2.4.3/16)
Providing and laying of truf grass 50to 60 mm thickness on existing ground perpared weth prepared with proper level and ramming with required tools wooden and than rolling the surface with light roller make the surface smoothen and light waterling the same as per direction of engineer in charge. (DSR hor. 2.34/16
BOUNDRY WALL NEW WORK PROPOSED
Excavation in foundation in ordinary soil (loam clay or sand) including lift upto 1.50 metre and lead upto 30 mtr. including filling watering and ramming of excavated earth into the trenches or into the space between the building and the sides of foundation, trenches or into the plinth and removal & disposal of surplus earth as directed by the Engineer in-charge upto a distance of 30m from the foundation trenches. (SI. No. 251/2015)
P/L in position cement concrete of specifed grade1:4:8 excluding the cost of centering and shuttering - all work upto plinth levelcement mortar 1:4:8 (1 cement and 4 coarse sand and 8 stone aggregate) 40mm normal Size. (DSR 4..1.8 /2014)

M-150 class brick work 1:4 one cement & four fine sand of 1.25 Fm mortar in one brick work in foundation and plinth including supply of all materials labour tools and plants etc. required for completion of the work SI no 305/15
M-150 class brick work 1:4one cement & four fine sand of 1.25 Fm mortar in one brick work in Super structure including supply of all materials labour tools and plants etc. required for completion of the work SI no 305+309+310/15
R.c.c work 1:1.5:3 in cement coarse sand and 2cm gauge stone grite Upto plimnth level all completeof work , 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm DSR 5.1.2/14
M.s(tor steel or plain work)such as R.c.c or R.B work including straightening, cutting, bending,placing in position and binding all complete upto plinth level Thermo Mechanically Treated bars (DSR 5.22A.6/2014
12 mm cement plaster of mix : (1 cement: 4 coarse sand) (DSR 13.4.1/2014
providing and laying exterior wall painting (non schedule item-4) Dsr no13.48.1/2014
Structural steel work riveted ,boltor welded onbuilt up section trusses and framed work, ----(DSR 10.2/2014)
P/F Concertina coil fencing with punched tape concertina coil 600mm dia 10m openable length (total length 90m) having 50nos rounds per 6m length upto 3m height of wall with existing angle iron 'Y' shaped placed 2.4m oor 3m apart and with 9 horizontal R.B.T reinforced barbed wire stud tied with G.I staples and G.I c;ips to retain horizontal including necessary bolts DSR: 16.53/2014

