

Prayagraj Development Authority, Prayagraj

JAHNAVI APARTMENT PHASE II & III

Particulars
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 incharge upto a distance of 30m from the foundation trenches. (SI.No. 251/2018)
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. 5.00 Km cartage as per directed of E/I. (SOR SI.No. 253+231a/2018) (Excluding Royalty)
Cement Concrete with 40 mm gauge approved stone ballast, coarse sand and cement in proportions of 8:4:1 including supply of all materials, labour, T&P etc. required for proper completion of all work. (SI. No. 281/2018)
RCC in raft foundation and footing in the proportions 1:1.5:3 in cement approved coarse sand and 2cm gauge approved stone ballast excluding supply of reinforcement and its bending but excluding its fixing and binding the same with 24 B.W.G.G.I. Binding wire and including necessary centering and shuttering etc. and supply of all materials, labour T&P etc. required for proper completion as per direction of E/I. (SOR SI.No. 287(A)/2018)
RCC works with cement approved coarse sand and 2cm gauge approved stone grit in the proportions 1:1.5:3 excluding supply of reinforcement and its bending but including its fixing and binding the same with 24 B.W.G.G.I. Binding wire and including necessary centering and shuttering etc. and supply of all materials, labour T&P etc. required for proper completion as per direction of E/I.
For Column Work (SOR SI.No. 287/2018)
For Lighter Beam (SOR SI.No.285/2018)
For Roof Slab (SOR SI.No. 284/2018)
For Lintels (SI.No. 284-283a+283/2018)
C.C. work with cement approved coarse sand and 40mm gauge brick ballast in 8:4:1in cluding supply of materials labour T&P etc. all complete for proper completion of the work. (SI.No. 273/2018)
M-150 Brick work in 1:6 (1 Cement & Six fine sand of 1.25 F.M.) mortar in super structure including supply of all materials, labour & tools & plants etc. required for proper completion of work One brick thick wall. (SI. No. 303+309+310/2018)
M-150 Brick work in 1:6 Cement & coarse sand mortar in super structure including supply of all materials, labour & tools & plants etc. required for proper completion of work half brick thick wall. (SI.No. 303+309+310+310A/2018)
M.S. or Iron work in Plain work such as RCC or R.B. work including bending for proper shape and including supply of steel & its wastage bend, hooks and authorized overlapping shall be measured and including cost of binding wire. (SI. 504/2018)
M.S. or Iron work in angle iron door and window frame including cutting, welding and wastage including supply of all material, labour T&P etc. required for proper completion of the work. (SI. 503A/2018)
Supply & fixing of M.S. Iron work of small sizes Z section window such as holding down bolts, hold fast, tie rod grating etc. brought to required form including supply of steel bolts, nuts wastage, etc. and their fixing required for proper completion of the work. Openable. (SI. 502B/2018)
Same As above but for Railling
Supply and fixing of fully paneled of doors commercial quality ISI marked ply wood flush shutters 32 mm thick including labour cost for fixing of fittings. (SI. No. U.P.P.W.D. SOR 470 +18.14 /2018)
Renewing panes of glass in door, window & ventilators or fixing in the new with 3 mm thick glass panes fixed with brads & putty including supply of all materials, labour, T&P etc. required for proper completion of the work. (SI.No. 806/2018)
12 mm thick Cement plaster in single coat on fair side of single or half brick wall for interior plastering including supply of all materials, labour & tools & plants etc. 1:4 cement and fine sand. (SI.No.13.11C/2018New Item)
20 mm thick rough cast exterior cement plaster on walls consisting of 10 mm thick backing cast of 1:3 cement mortar (1 cement : 3 coarse sand) and 10 mm thick finishing coat of 1:3 cement mortar (1 cement : 3 coarse aggregate of size 6 mm to 12 mm) including arises, chamfers and/or rounded angles not exceeding 80 mm in girth. (SI.No. 13.07 New item/2018)

2.5 cm (1") thick 1:2:4 plain cement without base concrete floor with cement, approved coarse sand and 2 cm (1") graded approved stone, grit, laid in panels finished with 3 mm (1/8") floating coat of neat cement or cement and marble dust in ratio of 5:1 as specified over and removing any overlapping mortar at the joints of the panels if any and giving them a uniform finish, including supply of all materials, labour and tools & plants etc. required for proper completion of the work. (Sl. No. 601A/2018)
Supply and fixing of Kota stone slabs 20 mm thick and joint filled with 1:2 cement and coarse sand with approved colouring materials to be given and even shade with 12 mm base coat of 1:2 cement and coarse sand mortar and polished by hand or machine and finally finished with french manson polish or other approved polish including supply of all materials labour T&P etc. required for proper completion of work excluding base concrete.PWD 14.24 New Item
Same as above for Skirting
Providing and fixing glass strips of 3.15 mm (1/8") thickness in joints of floors and skirtings at the time of laying flush with floor level including all material, labour, T&P etc. all complete. of 2.5 cm (1 1/2") depth (Sl.No. 630/2015)
Cinder filling in under floor including watering ramming consolidation and dressing complete including lead upto 50 m and lift 1.5 m including the cost of sand.
Marble stone flooring with 18mm thick mable stone (sample of marble shall be approved by Engineer-incharge) over 20 mm (average) thick base of cement mortar 1:4(1 cement: 4 coarse sand) laid and jointed with grey cement slurry including rubbing and polishing complete with: Black Zebra. (DSR 11.23.4/2016)
Supply and fixing 6 mm China White glazed tiles in flooring or in skirting or dado laid with 1:3 cement and approved coarse sand mortar finished with white cement slurry, jointing and polishing complete, including supply of all materials, labour and tools & plants etc. required for proper completion of the work. (Sl. 628/2018)
Providing and laying Vitrified tiles in floor with different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately). Size of Tile 600x600 mm DSR11.49.2 (2016)
Providing and laying Vitrified 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 brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately).Size of Tile 600x600 mm DSR 11.47.2 (2016)
Painting or varnishing new work in small areas or new wood work with one coat (upto one sq. mt.) of ready mixed priming paint and two coat of approved superior quality ready mixed paint or varnish including supply of all materials, labour T&P etc required for proper completion of the work. (Sl. 641 + 642/2018)
Distempering two coat with oil bound distemper of approved brand and manufacturing and required shade on undecorated wall surface give an even shade over and including all complete. (Sl. No. 649+651/2018)
Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. DSR 13.80 (2016)
Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade: Painting two coats on new work (Two or more coats applied @ 1.43 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm) DSR 13.47.1/2016
P/L of brick Coba average 100 mm thick 1:4 cement and coarse sand mortar including supply of all materials, labours and T&P etc. required for proper completion of the work including water proofing compound and recorn synthetic etc. all complete as directed by E/I. (DSR 22.7.1/2016)
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 x1 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. PWD/2018 18.24
Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10 mm and down gauge), including finishing with cement mortar 1:3 (1 cement : 3 fine sand) as per standard design : In 75x75 mm deep chase. (DSR 12.21.1/2016)

Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying : 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 22.5/2016)
Tower bolt with 10 mm dia rod & screw 150 mm long (Stainless steel) with ISI Mark (SI.No. 10B/2018) material)
Sliding bolt with 16 mm dia nuts and bolt 250 mm long (Stainless steel) with ISI Mark (SI.No.10(g)/2018 material)
Door handle with necessary screw 150 mm long (Stainless steel) with ISI Mark (SI.No.10(i)(2)/2018 material)
Fixing of M.S. chaukhat in true position including 1:3:6 CC bed block all complete. (SOR Item 10.08/2018)
Door Hinges with necessary screws (100 mm Long) (SI.No.11(b)/2018 material)
SANITARY WORK AND WATER SUPPLY
Providing and fixing of water closet squatting pan (Indian 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 17.13.1/2016)
Providing and fixing of M.S. holder bat clamp of appd. Design sand cast/cast iron embedded of approved quality ISI marked including cost cutting holes all complete as per direction of E/I
For 100 mm
For 75 mm
Providing and fixing 32 mm dia nominal bore G.I. pipes complete with G.I. fittings including trenching and refilling etc. (DSR 18.12.4/2016)
Providing and fixing 20 mm dia nominal bore G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. (DSR 18.10.2/2016)
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 : 15 mm dia nominal bore (DSR 18.11.1/2016)
Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) U.P.P.W.D. SOR 23.99A +66/2018)
(ii) 20 mm nominal bore
Providing and fixing of ball valve of approved quality complete (screwed end) PWD 36/2018)
(ii) 20 mm nominal bore
Providing and fixing 15mm nominal bore CP brass bib cock of approved quality confirming to IS 8931 PWD 51/2018
Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design : Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 (DSR 19.7.1.1/2016)
Providing and fixing squire mouth SW gully trap grade-A complete with CI grating brick masonry chamber with M-150 bricks and water tight R.C.C. slab and 20 grade as per standard design.
150x100mm size P type DSR 19.4.2.1/2016)
Providing and fixing 150 mm dia H.C.I. nahani Trap .(SI. NO. 23.87+ 58)
Providing and fixing C.P. brass floor jali complete.
Providing and fixing of P.V.C. pipe of 4 Kg./cm ² pressure (110 mm) with all complete. PWD
Providing and fixing of 75 mm dia P.V.C. pipe working 4 Kg./cm ² pressure etc. all complete. PWD
P.V.C. Bend of
(i) 75 mm dia
(ii) 110 mm dia
P.V.C. Tee
(i) 75 mm dia
(ii) 110 mm dia

Providing & placing on terrace of on floors levels P.V.C. water storage tank of 500 lit. capacity with cover suitable locking arrangement complete as per ISI specification complete (DSR No. 18.48/2016)
Providing & fixing P.V.C. low level flushing cistern of 10 litre capacity (White) with manually controlled device (handle lever) confirming to IS:7231 with all fittings and fixtures complete.(DSR No. 17.18.1/2016) (Sl. No. 23+23.125+890 +290+267)
Providing and fixing of Stainless Steel A ISI 304 (18/8) kitchen sink as per IS 13983 with C.I. brackets and stainless steel pulg 40 mm including painting of fittings and brackests, cutting and making good the walls wherever required 510 x 1040 mm bowl depth 178 mm.(DSR No. 17.10.1.4/2016)
ELECTRIFICATION WORK
Wiring point for Light with 1.5 sq.mm Cu conductor cable in heavy gauge in PVC conduit pipe concealed in wall and partly laid in slab alongwith the reinforcement before concreting, complete with 14 SWG Cu earth continuity wire,with modular type switches & ceiling rose/angle/batten holder on 3mm thick phenolicaminated backalite sheet etc complete in all respect(Sl. No. 138(C) +187(A)/2016)
Wiring point for Fan with 1.5 sq.mm Cu conductor cable in heavy gauge in PVC conduit pipe concealed in wall and partly laid in slab alongwith the reinforcement before concreting, complete with 14 SWG Cu earth continuity wire,with modular type switches & ceiling rose/angle/batten holder on 3mm thick phenolicaminated backalite sheet etc complete in all respect(Sl. No. 140(C) +187(A)/2016)
Wiring point for Plug with 1.5 sq.mm Cu conductor cable in heavy gauge in PVC conduit pipe concealed in wall and partly laid in slab alongwith the reinforcement before concreting, complete with 14 SWG Cu earth continuity wire,with modular type switches etc complete in all respect(Sl. No. 141(C) +187(C)/2016)
Wiring point for Call Bell with 1.5 sq.mm Cu conductor cable in heavy gauge in PVC conduit pipe concealed in wall and partly laid in slab alongwith the reinforcement before concreting, complete with 14 SWG Cu earth continuity wire,with modular type bell switches etc complete in all respect(Sl. No. 142(C) +187(E)/2016)
Wiring point for Exhaust Fan with 1.5 sq.mm Cu conductor cable in heavy gauge in PVC conduit pipe concealed in wall and partly laid in slab alongwith the reinforcement before concreting, complete with 14 SWG Cu earth continuity wire,with 15A modular type switches & ceiling rose on 3mm thick phenolicaminated backalite sheet etc complete in all respect(Sl. No. 144(C) +187(D)/2016)
Supply and wiring of submain with two numbers 4 sq.mm PVC insulated 1100 V multistrained single core copper conductor cable in 20 mm dia heavy duty (2mm thick)PVC conduit on surface with 1 number 2.5 sq. Mmmultistrad copper conductor cable as earth continuity wire drawn on conduit. (Sl. No. 211C/2016)
Supply and fixing of 16 SWG (1.5 mm) thick M.S. sheet switch box duly painted with red oxide primer including all complete.
(a) 100x100x65 mm sized box (Sl. 159/2016)
(b) 200x250x65 mm sized box (Sl. No. 162/2016)
Supply and burying 600 mm x 600 mm x 6 mm G.I. Plate vertically for earthing with its top at least 3 m below ground level complete with 20 mm dia G.I. pipe and funnel for watering all complete. (Sl. 703/2014)
Supply and fixing of 150 mm round or hexagonal box type for hook with 12 mm dia round bar complete with all material etc. PWD 18.16/2018
Cutting groove in plaster 1 cm wide & 1 cm deep by using special tools including supply of all T & P complete (S.I. No. 18.08/2015)
Internal Development Works
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. (Sl. No. 253/2018) (Excluding Royalty)
Cartage of earth at a distance of 5.0 Km. from site including loading and unloading complete in all respect.
Drain and Park Work
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. (Sl. No. 251/2018)
Cement Concrete with 40 mm gauge approved brick ballast, coarse sand and cement in proportions of 8:4:1 including supply of all materials, labour, T&P etc. required for proper completion of all work. (Sl.No. 281/2018)
M-150 Brick work in 1:4 (1 Cement & four fine sand of 1.25 F.M.) mortar in foundation including supply of all materials, labour & tools & plants etc. required for proper completion of work. (Sl. No. 305/2018)
M-150 Brick work in 1:4 (1 Cement & Four fine sand of 1.25 F.M.) mortar in super structure including supply of all materials, labour & tools & plants etc. required for proper completion of work Half brick thick wall . (Sl.No. 305+309+310A+310/2018)

12 mm thick Cement plaster in 1:4 with cement and fine sand including supply of all materials, labour & tools & plants etc. 1:4 cement and fine sand. (SI.No.13.11c/2018 New Item)
Struck pointing with cement mortar consisting 1:2 cement and fine sand of 1.25 FM including supply and all material labour T&P etc. respect for proper completion of work. (SI. No. 574/2018)
Cement Concrete in 20 mm gauge stone grit, coarse sand & cement in 4:2:1 including supply of all material labour T&P complete of all work. (SI. No. 279A/2018)
Finishing wall with water proof cement paint of approved make and quality on new work with two coats to give an even shade including supply of all materials, labour T&P etc required for proper completion of the work. (SI.No. 660+661/2018)
RCC works with cement approved coarse sand and 2cm gauge approved stone grit in the proportions 1:1.5:3 in slab excluding supply of reinforcement and its bending but including its fixing and binding the same with 24 B.W.G.G.I. Binding wire and including necessary centering and shuttering etc. and supply of all materials, labour T&P etc. required for proper completion as per direction of E/I. (SI.No. 284/2018)
M.S. or Iron work in Plain work such as RCC or R.B. work including bending for proper shape and including supply of steel & its wastage bend, hooks and authorized overlapping shall be measured and including cost of binding wire. (SI.No. 504/2018)
Sewer Line
Providing and laying non-pressure NP2 class (light duty) 300 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 19.6.4/2016)
Excavating trenches of required width for pipes, cables, etc, including excavation for sockets, depth upto 1.5 m , including getting out the excavated materials, returning the soil as required in layers not exceeding 20 cm in depth, including consolidating each deposited layers by ramming, watering etc., stacking serviceable material for measurements and disposal of unserviceable material as directed, within a lead of 50 m : Pipes, cables etc. exceeding 80 mm dia but not exceeding 300 mm dia (DSR 2.13.1.2/2014)
Construction of manhole 1.0 x 1.20 x 1.50 Mtr. internal size as per specified design and drawing and specification approved by ADA as per direction by E/I complete.
Additional or substruction of manhole shaft (1.0 x 1.20 M) for 1 Mtr. or part as per given design and drawing approved by ADA as per directed by E/I complete.
Construction of Chamber of 0.60 x 0.60 x 0.90 Mtr. size as per specified design and drawing and specification approved by ADA as per direction by E/I complete.
Additional or substruction of chamber shaft (0.60x0.60 M) for 1.00 Mtr. or part as per given design and drawing approved by ADA as per directed by E/I complete.
Making connection of drain or sewer line with existing manhole including breaking into and making good the walls, floors with cement concrete 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) cement plastered on both sides with cement mortar 1:3 (1 cement : 3 coarse sand), finished with a floating coat of neat cement and making necessary channels for the drain etc. complete : For pipes 250 to 300 mm diameter (DSR 19.21.2/2016)
Road Work
Providing, laying, spreading and compacting of graded stone agg. G.S.B. including all complete.(Grade-I)
Supply and laying of local sand including supply of all labour T&P etc. complete.
Supply and fixing of 80 mm thick Mechanically compressed rubber moulded M-30 inter locking cement concrete pavers block manufactured by high pressure & controlled vibration machine including cost of all material, labour T&P etc. required for proper completion of work as directed by Engineer-in charge (appd. Rate)
Water Line
Providing and laying Double Flanged (Screwed / Welded) Centrifugally (Spun) Ductile Iron Pipes of Class K - 9 conforming to IS : 8329 : 100 mm dia Ductile Iron Double Flanged (DSR 18.73.1/2016)
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 18.66.1/2016)
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) : 150 mm diameter Class I (DSR 18.31.3.1/2016)
Construction of chambar 1.0 x 1.20 x 1.50 Mtr. internal size as per specified design and drawing and specification approved by ADA as per direction by E/I complete.
Additional or substruction of chambar shaft (1.0 x 1.20 M) for 1 Mtr. or part as per given design and drawing approved by ADA as per directed by E/I complete.

Supply and fixing of fire hydrant including all complete.
Providing and fixing of air valve including all complete.
Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5 m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m : Pipes, cables etc. exceeding 80 mm dia. but not exceeding 300 mm dia (DSR 2.10.1.2/2016)
Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete : 25 to 40 mm nominal bore DSR 18.13/2016
Boundry wall
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 incharge upto a distance of 30m from the foundation trenches. (SI.No. 251/2018)
Cement Concrete with 40 mm gauge approved stone ballast, coarse sand and cement in proportions of 8:4:1 including supply of all materials, labour, T&P etc. required for proper completion of all work. (SI. No. 281/2018)
RCC in raft foundation and footing in the proportions 1:1.5:3 in cement approved coarse sand and 2cm gauge approved stone ballast excluding supply of reinforcement and its bending but excluding its fixing and binding the same with 24 B.W.G.G.I. Binding wire and including necessary centering and shuttering etc. and supply of all materials, labour T&P etc. required for proper completion as per direction of E/I. (SOR SI.No. 287(A)/2018)
RCC works with cement approved coarse sand and 2cm gauge approved stone grit in the proportions 1:1.5:3 excluding supply of reinforcement and its bending but including its fixing and binding the same with 24 B.W.G.G.I. Binding wire and including necessary centering and shuttering etc. and supply of all materials, labour T&P etc. required for proper completion as per direction of E/I.
For Column Work (SOR SI.No. 287/2018)
For Lighter Beam (SOR SI.No.285/2018)
M-150 Brick work in 1:6 Cement & coarse sand mortar in super structure including supply of all materials, labour & tools & plants etc. required for proper completion of work half brick thick wall. (SI.No.
M.S. or Iron work in Plain work such as RCC or R.B. work including bending for proper shape and including supply of steel & its wastage bend, hooks and authorized overlapping shall be measured and including cost of binding wire. (SI. 504/2018)
12 mm thick Cement plaster in single coat on fair side of single or half brick wall for interior plastering including supply of all materials, labour & tools & plants etc. 1:4 cement and fine sand. (SI.No.13.11C/2018New Item)
Painting two coats on new work (Two or more coats applied @ 1.43 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm) DSR 13.47.1/2016
External Development (NALA)
Dismantling R.C.C. or R.B. work including stacking of dismantled materials with in 60m distance as directed by Engineer In-charge. (SI. No. 694/2018)
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 incharge upto a distance of 30m from the foundation trenches. (SI.No. 251/2018)
Cement Concrete with 40 mm gauge approved stone ballast, coarse sand and cement in proportions of 8:4:1 including supply of all materials, labour, T&P etc. required for proper completion of all work. (SI. No. 281/2018)
RCC in raft foundation and footing in the proportions 1:1.5:3 in cement approved coarse sand and 4cm gauge approved stone ballast excluding supply of reinforcement and its bending but excluding its fixing and binding the same with 24 B.W.G.G.I. Binding wire and including necessary centering and shuttering etc. and supply of all materials, labour T&P etc. required for proper completion as per direction of E/I. (SOR SI.No. 287+285-
For Roof Slab (SOR SI.No. 284/2015)
M-150 Brick work in 1:6 (1 Cement & Six fine sand of 1.25 F.M.) mortar in foundetion and plinth including supply of all materials, labour & tools & plants etc. . (SI. No. 303/2018)
M.S. or Iron work in Plain work such as RCC or R.B. work including bending for proper shape and including supply of steel & its wastage bend, hooks and authorized overlapping shall be measured and including cost of binding wire. (SI. 504/2018)
Cement Concrete with 20 mm gauge approved stone ballast,coarse sand and cement in proportion of 4:2:1 including supply of all materials,labours,T&P etc required for proper completion of work. S.I No 279(A)/18

Struck pointing with cement mortar consisting of 1 part of cement and 2 part of fine sand of 1.25 FM including supply of all material labour and T& P etc for proper complition of work SI NO 574/2018
Flush pointing with cement mortar consisting of 1 part of cement and 2 part of fine sand of 1.25 FM including supply of all material labour and T& P etc for proper completion of work SI NO 574/2018
Extra Item
CIVIL WORK
M-150 brick work but super structure including necessary cutting and moulding of brick as required as required thickness of walls upto 75mm thick Add for extra labour to the rate of items No. 310A Excluding GST . (Sl. 310B/2018)
Cement Concrete with 20 mm gauge approved stone ballast, coarse sand and cement in proportions of 4:2:1 including supply of all materials, labour, T&P etc. required for proper completion of all work. (Sl. No. 279(A)/2018)
30 mm thick factory made Polyvinyl Chloride (PVC) door shutter 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 shutter reinforced 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 multi-chambered 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, complete as per manufacturer's specific ation and direction of Engineer-in-charge. (DSR 9.118.2 /2016)
Tower bolt with 10 mm dia rod & screw 100 mm long (stainless steel) with ISI mark (SI. NO. 10A /2018)
Siding bolt with 16 mm dia nuts & bolt 100 mm long
Providing and fixing 40 mm dia nominal bore G.I. pipes complete with G.I. fittings including trenching and refilling etc. (DSR 18.12.5/2016)
Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall (DSR 18.7/2016)
(i) 25 mm dia nominal bore (DSR 18.7.3/2016)
Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work , including cutting chases and making good the walls etc. (DSR 18.8/2016)
(i) 20 mm dia nominal bore (DSR 18.8.2/2016)
(ii) 25 mm dia nominal bore (DSR 18.8.3/2016)
Providing and fixing 15mm nominal bore CP brass bib cock of approved quality. (SOR 2018)
15 mm nominal bore
Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 (DSR 18.53.1/2016)
(i) 15mm nominal bore
Providing and fixing 100 mm dia PVC Nahani trap heavy quality ISI marked including supply of all materials, labour T&P etc. required for proper completion of the work.
Supply and fixing of C.P. Grating for Nahani trap of approved make including supply of all materials, labour, T&P etc. required for proper completion of work.
Providing and fixing of P.V.C. pipe of 6 Kg./cm ² pressure (160 mm) with all complete. PWD
Providing and fixing of 50 mm dia P.V.C. pipe pressure etc. all complete.
Providing and fixing of 40 mm dia P.V.C. pipe pressure etc. all complete. For Spout pipe (PDA Approved)
P.V.C. Tee
(i) 75 x110 mm dia (DSR 7198/2016)
Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Flexible pipe (D.S.R 17.28.2/ 2016)
(i) 32 mm dia
Fixing 15 mm . PVC connection Heavy quality with brass Unian including supply of all materials, labour, T&P etc . And required for proper completion of the work. 30 to 45 cm length

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: size 450x 300 mm with single 15 mm C.P. brass pillar tap (SOR)
Providing and fixing of P.V.C cowel (Analysis Rate)
110 mm dia
75 mm dia
Providing and fixing of Stainless Steel A ISI 304 (18/8) kitchen sink as per IS 13983 with C.I. brackets and stainless steel pulg 40 mm including painting of fittings and brackests, cutting and making good the walls wherever required without drain board 470x420 mm bowl depth 178 mm. (D.S.R. 17.10.2.3/2016)
Water Line work
Providing and laying Double Flanged (Screwed / Welded) Centrifugally (Spun) Ductile Iron Pipes of Class K - 9 conforming to IS : 8329 : 150mm dia Ductile Iron Double Flanged (DSR 18.73.2/2016)
Sewer Line
Excavating trenches of required width for pipes, cables, etc, including excavation for sockets, depth exceeding 1.5 m in depth but not exceeding 3 m. including getting out the excavated materials, returning the soil as required in layers not exceeding 20 cm in depth, including consolidating each deposited layers by ramming, watering etc., stacking serviceable material for measurements and disposal of unserviceable material as directed, within a lead of 50 m : Pipes, cables etc. exceeding 80 mm dia but not exceeding 300 mm dia (DSR 2.14/2016)
Cement Concrete with 40 mm gauge approved stone ballast, coarse sand and cement in proportions of 8:4:1 including supply of all materials, labour, T&P etc. required for proper completion of all work. (Sl. No. 281/2018)
ELECTRIFICATION WORK
Supply and wiring in 25 mm dia heavy duty (2mm thick) PVC conduit with 2 nos 2.5 sq mm. FRLSH PVC insulated multistrand copper conductor cable as earth continuity wire drawn in conduit partly concealed in wall & partly laid in slab along with reinforcement before concreting with two number 14 SWG copper earth continuity wire including matching colour wash etc, complete in all respect (Sl. No. 261C/2018)
Supply and wiring of submain with two number 4 sq.mm FRLSH PVC insulated 1100 V grade multistrand single core copper conductor cable in 20 mm dia heavy guage rigid steel conduit concealed in wall, complete with one number 14 SWG copper earth continuity wire including matching colour wash etc., complete in all respect. (Sl No. 216B/2018)
S&F of 6 Amp to 32 Amp. SPMCB (10KA) C Curve (SI no. 1002/2018) CAT-A
S&F of 40 Amp.S.P. Isolator CAT B (SI No. 1004 (A)/2018)
S & F of surface/ flush mounting 8 ways SPN distribution board without additional metal door without MCB complite in all respect as directed by Engineer in Charge (SI No. 1024(A)/2018)
supply and fixing of switch box Modular size of approve make redial mede up of 1.0 mm thick ISI Marked G.I.sheet All 4 corners folded &spot welded for screw and holes plugged with pvc Nylon caps Two or moreholes for pipe entry of 25.4 mmcn upper and lower sides of the box holes shuld be semi shuttered tyand filltted with heavy brass Earth Piller duly screwed &brand name shuld be embossed box flushed in wall including cutting of brick work fixing it to the level with cement sand mortar including matching colour wash with s/o all materiayals labour and T&P required for proper completion of work as directed at site by the Engineer in charge.(A/R)
8 M
6 M
4 M
3 M
2 M
Internal Development Works
Cartage of earth at a distance of 10 Km. from site including loading and unloading complete in all respect.
Providing and laying Non Pressure NP-3 class (Medium duty) R.C.C. pipes including collars/spigot jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. Complete
600 mm dia RCC pipes (DSR 19.35.2/2016)
900 mm dia RCC pipes (DSR 19.35.3/2016)
1000 mm dia RCC pipes (DSR 19.35.4/2016)
Drain and Park Work

Supply & fixing of M.S. Iron work of small sizes Z section window such as holding down bolts, hold fast, tie rod grating etc. brought to required form including supply of steel bolts, nuts wastage, etc. and their fixing required for proper completion of the work. Openable. (Sl. 502B/2018)
Supply & fixing of M.S. Iron work of heavy sizes such as Trusses built up gates, record racks, roof work, Gates etc. including supply of steel bolts, nuts wastage, etc. and their fixing required for proper completion of the work. (Sl. 503/2018)
Painting or varnishing new work in small areas or new wood work with one coat (upto one sq. mt.) of ready mixed priming paint and two coat of approved superior quality ready mixed paint or varnish including supply of all materials, labour T&P etc required for proper completion of the work. (Sl. 641 + 642/2018)
RCC works with cement approved coarse sand and 2cm gauge approved stone grit in the proportions 1:1.5:3 excluding supply of reinforcement and its bending but including its fixing and binding the same with 24 B.W.G.G.I. Binding wire and including necessary centering and shuttering etc. and supply of all materials, labour T&P etc. required for proper completion as per direction of E/I.
Plinth Beam
Column
External Development (NALA)
RCC in T Beams and footing in the proportions 1:1.5:3 in cement approved coarse sand and 4cm gauge approved stone ballast excluding supply of reinforcement and its bending but excluding its fixing and binding the same with 24 B.W.G.G.I. Binding wire and including necessary centering and shuttering etc. and supply of all materials, labour T&P etc. required for proper completion as per direction of E/I. (SOR Sl.No. 285/2018)
M.S. or Iron work in angle iron door and window frame including cutting, welding and wastage including supply of all material, labour T&P etc. required for proper completion of the work. (Sl. 503A/2018)
Pump House
M-150 Brick work in 1:6 (1 Cement & Six fine sand of 1.25 F.M.) mortar in Foundation and Plinth including supply of all materials, labour & tools & plants etc. required for proper completion of work One brick thick wall. (Jal Nigam 2019)
20 mm wide drip coarse with cement mortar in 1:3 with cement and local sand (Jal Nigam 2019)
Supply and fixing of rolled steel joist 150 mm x 10 mm including its painting with approved paint and also one coat of primer. (Jal Nigam 2019)
Delivery pipe for bypass chamber , excavation of trenches and laying of PVC pipe 160 mm dia including supply of pipe and labour, T&P etc complete. (Jal Nigam 2019)
Supply of all materials, labour, T&P etc. required for construction of 250 mm dia S.C. Drain. (Jal Nigam 2019)
Supply and fixing of 90° V- notch 4 mm thick MS plate with sharp edged & scale etc. complete. (Jal Nigam 2019)
Supply of all materials, labour, T&P etc. required for construction of Stilling chamber V notch chamber including supply of V notch etc. all complete. (Jal Nigam 2019)
Road Work
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.
Cement Concrete with 40 mm gauge approved stone ballast, coarse sand and cement in proportions of 8:4:1 including supply of all materials, labour, T&P etc. required for proper completion of all work. (Sl. No. 281/2018)
RCC in raft foundation and footing in the proportions 1:1.5:3 in cement approved coarse sand and 2cm gauge approved stone ballast excluding supply of reinforcement and its bending but excluding its fixing and binding the same with 24 B.W.G.G.I. Binding wire and including necessary centering and shuttering etc. and supply of all materials, labour T&P etc. required for proper completion as per direction of E/I. (SOR Sl.No. 287(A)/2018)
M.S. or Iron work in Plain work such as RCC or R.B. work including bending for proper shape and including supply of steel & its wastage bend, hooks and authorized overlapping shall be measured and including cost of binding wire. (Sl. 504/2018)
Boring OF 10 HP TUBE WELL ONE NO
Boring and Const. of 300x200 mm 140 Mtr Deep 10 HP Tube Well
Transportation of Rig Machine 675/27" , 250 PSI Ring Machine + OP unit & concern equipmant loading and unloading and its T&P etc. for psop. site.
Drilling of bore, Installation of rig machine, dressing & leveling of site and drilling of 200/250 mm size bit for maxi requirement misc. work
Errection & Dismantling of Rig machine with T&P

Drilling & reaming of 675 mm bore from GL to 78 BGL
Drilling & reaming of 550 mm dia bore from 78 to 140
Material of tube well assembly. (Rate PSR in ADA)
300 mm dia MSERW housing pipe 7 mm thick Jindal make as per 3589/4270
200 mm dia MSERW Plain pipe Jindal make as per 3589/4270
200 mm dia MSERW Slotted pipe Jindal make as per 3589/4270
300x200 mm dia MS Reducer 12 mm thick 300 mm
300 mm dia MS well cap with nipple
300 mm MS Ring made from 150x12 mm MS Plate.
200 mm MS Ring made from 150x12 mm MS Plate.
300 mm dia MS Clamp with nut bolts
Tube well assembly support with 200 mm bail plug & hook.
S/S of pre gravel 1.6 to 4.8 mm size of pregravel all complete.
Lowering of 300x200 mm dia tube well assembly from GL to 120 BGL, 300 mm dia housing pipe, 200 mm dia plain and slotted pipe as required
Development of tube well by air compressor with Errection Development 60 Hrs including 25 Kg sodium hexameta phosphate & Dismantling of compressor
Development of tube well by 3 cusec OP unit Errection, Development 80 Hrs & dismantling complete.
Test to take the yield test of tube well & chemical, bacteriological test. & Electrical logging of bore
S/F of CI special as tee, bend, tail pipes (Make Kriloskar/Jindal)
S/F of main column pipe 90 mm dia upto 40 mtr with 2 nos. sluice valve CIDEF, 1 Nos. NRV, required bend nuts bolts packing complete (Make KSB/CRI)
Cost of 2.5 Ton capacity 4.5 Mtr lift super geared chain pully branched tested on 2.5 Ton loaded complete
S/F of clear water submersible pump with clemetor 3 phase AC operatum to 380 to 440 V, 10 HP, 60 Mt Head capacity (Make KSB/CRI) with S/F of manually operated star delta starter CP having A meter, V meter, ASS, VSS, indicator, & required CTs suitable for 10 HP Motor pump (Make L&T)
Transportation loading unloading and freight of plant. Installation commissioning and testing wiring earthing and painting of system
S/I of 32 gallon capacity bleaching Dozer differential pressure feed type chlorinaling plant with all acessories complete
S/F of 100 mm dia AC pressure pipe including excavation back filling, D joint etc complete as per E/I
S/L of 16 Sqmm 3 Core copper conductor 1100 Volt grade, XLPE insulated fire proof flate cable for submersible complete with Lugs & connections Rate PSR
S/L pf 35 Sqmm 3.5 Core PVC insulated armoured served sheathed 1100 V grade Al conductor Cable at a depth of 75 Cm below ground with excavation and back filling protected with bricks and fine sand complete with Lugs & connections Rate SOR 18/ S.N. 501 (k)
S/F of 100 Amp 415 Volt Metal clad TPN HRC type switch fuse unit complete with fuses on angle frame bracket SOR 18/ S.N. 324 (k)
S/Burying of 40 mm dia 4.5 Mtr long GI Pipe vertically for earthings having 12 mm dia holes spaced 75 mm apart drilled upto 2 Mtr from the bottom complete with alternate layer of Charcoal and Salt as direction of E/I. Rate SOR-18/ S.N. 701
S/F of 1x22 Watt LED Tube Light with batten complete on surface including proper connections Complete Rate SOR-18/ S.N. 1413 Cat AA
S/F of LED 90 Street light fitting having die cast aluminium body and diffuser/Reflector with driver set suitable confirming to IP 65 protection complete Make - Cat AA SOR 1423
External Electrical Works
S/E of SP 32 ST 9.00 Mtr long Pole complete with grouting in 1:3:6 CC including excavation & back filling complete Rate as SOR-18/S.N. 613
S/E of ACSR conductor on Poles/service bracket including binding etc. complete in all respect. Rate as SOR-18/S.N. 627
S/E of ACSR 2mm Thick XLPE Insulated conductor on Poles/service bracket including binding etc. complete in all respect. Rate as SOR-18/S.N. 627 Add 5 % Insulation Cost
S/E of GI Wire on Poles/service bracket including binding etc. complete in all respect. Rate as SOR-18/S.N. 628
S/F of 100x110 mm Shackle Insulator including bolts/Spindle nuts complete in all respect as E/I. Rate as SOR-18/S.N. 621

S/F of 230x32x1.5 mm Shackle Strips including bolts/Spindle nuts complete in all respect as E/I. Rate SOR 18 /S. N. 622
S/E of Stay set at least 3.5 M. away from the Pole complete with galvanised 19 mm dia x 1.80 M. long Stay rod, 30 cm x 30 cm x 6.3 mm anchor plate, thimble stay clamps, stay insulator. 19 mm x 600 double screw tightener, 7/3.5 mm G.I. stay wire etc. in 1:3:6 cement concrete complete in all respect. Rate SOR 18 /S. N. 631
S/E of GI Gaurding made of 8 to 4 SWG GI wire including binding etc. complete in all respect. Rate SOR 18 /S. N. 629
S/L of Al conductor PVC Insulated armoured served sheathed 1100 volts 400 Sqmm x 3.5 C LT Cable at a depth of 750mm below ground level over a cushion of 75 mm. thick sand all around and protected with burnt bricks on sides and on top. complete in all respect. Rate SOR 18 /S. N. 501 r
S/L of Al conductor PVC Insulated armoured served sheathed 1100 volts 240 Sqmm x 3.5 C LT Cable at a depth of 750mm below ground level over a cushion of 75 mm. thick sand all around and protected with burnt bricks on sides and on top. complete in all respect. Rate SOR 18 /S. N. 501 r
S/L of Al conductor PVC Insulated armoured served sheathed 1100 volts 50 Sqmm x 3.5 C LT Cable at a depth of 750mm below ground level over a cushion of 75 mm. thick sand all around and protected with burnt bricks on sides and on top. complete in all respect. Rate SOR 18 /S. N. 501 k
S/L of Al conductor PVC Insulated armoured served sheathed 1100 volts 25 Sqmm x 3.5 C LT Cable at a depth of 750mm below ground level over a cushion of 75 mm. thick sand all around and protected with burnt bricks on sides and on top. complete in all respect. Rate SOR 18 /S. N. 501 k
Painting of the electric pole with 2 coats of aluminium paint over red oxide primer complete in all respect. Rate SOR 18 / S. N. 634
S/F of LED 90 Street light fitting having die cast aluminium body and diffuser/Reflector with driver set suitable confirming to IP 65 protection complete Rate SOR 18 / S. N. 1423 Cat AA
S/F of following capacity of automatic street light cubicle control Panel painted with anti corrosive alkali and acid proof paint consisting of time switch TSO 100 series/ Digital type with contactors, HRC fuses, isolating switch metering instrument & instrument box with CTs etc. in case of TPN, complete in all respect 40 A TPN Rate SOR 18/ S.I. No. 807 (F)
S/B of 40 mm dia 4.5 Mtr long GI Pipe vertically for earthings having 12 mm dia holes spaced 75 mm apart drilled upto 2 Mtr from the bottom complete with earth lead of 6 SWG GI Wire in GI Pipe complete with 30 cm Square CI Box with hinged cover masonry enclosure, funnel at top, alternate layer of Charcoal and Salt as direction of E/I Rate SOR 18/ S.N. 701.
S/F Steel tubular Pole 11 M. long designated 410 SP-55 in 1:3:6 cement concrete foundation including excavation back filling etc. complete in all respect. Rate Based as Item S.N. 1 SOR 18/613 (14671/154 Kg of SP 32 x 227 Kg of SP 55)
S/L of standard aluminium conductor XLPE (Cross linked Polyethylene) insulated PVC bedded, Galvanised flat steel strip armoured 11 KV 120 Sqmm x 3 Core cable confirming to I.S. 7098 (Part-II with latest amendments) grade at a depth of 900 mm below ground level over a cushion of 100 mm thick fine river. sand all around and protected with well burnt bricks on sides and on top put across Rate SOR 18/ S.N. 506-f
S/F of 200 Amp TPN Rising Main Busbar Box including TPN Aluminium Busbar complete with locking arrangement with required Clamps nuts & bolts Rate SOR 18/ S.N. 907
S/F of 2 metres high cage fabricated with 3mm thick expanded metal fixed on 50mm x 50mm x 6mm angle iron frame having vertical members spaced at 1 to 1.25 mts and horizontal members spaced at 1 mt. the Vertical members shall be fixed in floor and horizontal members in the wall to a depth of 300mm with ends forked. The cage shall have 200mm x 1000mm size one leaf door with locking device having door frame fabricated with 35mm x 35mm x 6mm angle iron and 3mm expanded metal duly fixed with the cage member with hinges etc. the cage shall be painted with red oxide primer and synthetic enamel paint. S.I. No. 1142/2018
Deduction of Cable Rate during erection in Pipe or Trench during Work S.I. No. 507/2018
UPPCL's Cost Schedule 2017-18
S/E of 11 KV TMO & 11 KV Fuse Set (Drop Out) complete with channel clamps in all respect Rate as per UPPCL 17-18
S/F of 11 KV Pin insulator with Pin, Nuts & Bolts complete. Rate as per UPPCL 17-18
S/F of 11 KV Disc insulator with Fittings, Nuts & Bolts complete. Rate as per UPPCL 17-18
S/B of Rod Earthing with 2.5 M. long x 20mm dia MS with 6 SWG G.I. Wire connected Pole and MS Bar. Rate as per UPPCL 17-18

SITC of 400 KVA, 11/0.433 KV, 3 phase, 50 Hz, DYN-11, Copper wound oil filled air cooled outdoor transformer Star Rating BIS Type as per UPPCL Present Specification & Make as Approved by UPPCL complete in all respect Rate as per UPPCL 17-18
S/F of 120 Sqmm 11 KV Joint Kit complete MMM/ Rechyam make with connection Rate as per UPPCL 17-18
Non Schedule Items
S/F of TPN/ Feeder Pillar Cubical Box made of 45mm x 45mm x 5 mm Angle Iron frame and 14 SWG MS Shhet with Both side Locking arrangement, Dust and Vermin Proof consistig with Copper Bus Bar on Henry Type Fuse unit on 2 No. 500 Amp and 3 No. 300 Ap. Tailless unit Complete the Box shall be Painted with approved aluminium Paint over Red Oxide Primer in 1:3:6 CC foundation as directed by E/I.
S/F of 80 mm dia G.I. Pipe Class B Make Rate DSR SN 1552
T/L of 110 mm size HDPE 6 Kg/Sqcm Pipe with trechless technology for cable laying complete Rate PSR in
S/L of 90 mm size HDPE 6 Kg/Sqcm Pipe with Excavation & Back Filling complete Rate PSR in ADA
S/M of Transformer Plinth 2m x 1.5m x 2m complete with 1:6 Brick Work, 1:6 Plaster, 100mm thick CC 1:1.5:3 on Top with 2 No. 100 x 50 x 6 mm channel with Quering, excavation of earth, Labour T&P and Material as directed by E/I.
SITC of 16 Meter space panal made of 16 SWG CRCA Sheet with factory fabricated having 400 Amp TPN SFU 1 nos. + outgoing 63 Amp 4 Pole 28 Nos. MCB , including RYB Indicator, V Meter, A Meter, VSS, ASS, cts with required suetable busbar with grouting, plinthing,making connections. panal should be in Verious section as site requirement and coupuled by Busbar or Lead as required comple in all respect. (Rate PSR 314126/28x16)
S/F of MS Items /Chanals /Angles /Clamps Complete including required nuts and bolts Rate as per UPPCL 17-18
For Water Harvesting Work
Boring/drilling bore well of 300 mm dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer -in-charge, beyond 90 metre & upto 150 metre depth below ground level. All types of soil. (DSR 23.2.1/2016)
Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer -in-charge.
150 mm dia (DSR 23.3.2/2016)
Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge.
150 mm nominal size dia(DSR 23.4.2/2016)
Supplying, filling, spreading & leveling stone boulders of size range 5 cm to 20 cm, in recharge pit, in the required thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge.(DSR 23.5/2016)
Supplying, filling, spreading & leveling gravels of size range 5 mm to 10 mm, in the recharge pit, over the existing layer of boulders, in required thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge.(DSR 23.6/2016)
Supplying, filling, spreading & leveling coarase sand of size range 1.5 mm to 2 mm in recharge pit, in required thickness over gravel layer, for all leads & lifts, all complete as per direction of Engineer-in-charge.(DSR 23.7/2016)
Gravel packing in tubewell construction in accordance with IS: 4097, including providing gravel fine/medium/coarse, in required grading & size as per actual requirement, all complete as per direction of Engineer-in-charge.(DSR 23.8/2016)
Construction of Chamber of 0.60 x 0.60 x 0.90 Mtr. size as per specified design and drawing and specification approved by ADA as per direction by E/I complete.
Additional or substruction of chamber shaft (0.60x0.60 M) for 1.00 Mtr. or part as per given design and drawing aproved by ADA as per directed by E/I complete.
Providing and fixing of P.V.C. pipe of 4 Kg./cm ² pressure (110 mm) with all complete. PWD
Delivery pipe for bypass chamber, excavation of trenches and laying of PVC pipe 160 mm dia including supply of pipe and labour, T&P etc complete.(Jal Nigam 2019)

7.84

23666.00

