

Abstract Details

Work Name	Work Code	Sub Division	Estimate Amount	Lumpsum Amount	Total Amount
Construction of boundary wall and Store Toilet Civil Electrical and Plumbing work of Govt Sr Sec School Village Badshahpur Ward no 25 Zone IV Gurugram	GUR01220201007145 146	Gurgaon	8588046.15	944685.07	9532731.22

Item Code	Item Type	Item Description	Unit	Calculated on Rate	Quantity	Calculated Rate	Total Amount
NSITEM	NSITEM	-providing and fixing G.I pipes complete with G.I fitting and clamps including cutting and jointing good the walls etc. Internal work concealed pipes including painting with anti corrosion bitumastic paint cutting chases and making goot the wall. 20mm	Meter	NSADRate	200.00	186.00	37,200.00
NSITEM	NSITEM	-Providing and Fixing G.I pipes complete with G.I. fitting and clamps including cutting and jointing good the same etc. internal work concealed pipes including painting with anti corrosion bitumastic paint cutting chases and marking good the wall 15mm	Meter	NSADRate	300.00	144.00	43,200.00
NSITEM	NSITEM	-Self Priming Monoblock pump 1 HP Make Crompton set complete work given head 6-45 meters Discharge 57-13 LPM	Number	NSADRate	1.00	5,748.00	5,748.00
ADITEM	ADITEM	-29.95 Providing and laying Stone Ware pipe of 600mm standard length complete as HSR. 200mm dia Rate=253+5%=265.65/-	Meter	NSADRate	15.00	265.65	3,984.75
ADITEM	ADITEM	-31.17 (Supply and erection of miniature circuit breaker/isolator240/415Volt in the existing distribution board including necessary connections :- a) Miniature Circuit Breakers of 9K.A. breaking capacity. iii)40 amp to 63 amp (Triple pole with neutral) (499+30%=648.70)	Each	NSADRate	10.00	648.70	6,487.00
NSITEM	NSITEM	-Providing and fixing Concertina coil 0.75mm expansion of case 7m/coil with high tensile spring steel size 2.50mm dia including M.S angle nut & bolt and carriage, loading and uploading in all respect.(290.80)	Meter	NSADRate	568.00	290.80	165,174.40

NSITEM	NSITEM	-Providing granite stone in any shade, 15mm to 18mm Thick	Square Meter	NSADRate	108.00	2,070.00	223,560.00
8.f.10.a	HSRITEM	8.17 (a)-Removing doors and windows (wooden and steel) together with the Dismantling of walls:- doors	Each	Labour Rate	2.00	40.62	81.25
NSITEM	NSITEM	-SUPPLY, erection and testing of 1200mm sweep 240V AC 50 Hz bee energy 5 star rating ceiling fan with necessary connections with 1.5sqmm copper wire with adjacent fan point complete in all respects of engineer in charge of the work	Number	NSADRate	5.00	1,714.00	8,570.00
ADITEM	ADITEM	-HSR 31.44 (b) Supply & erection of PVC conduit pipe ISI marked recessed in wall /ceiling etc. (PVC pipe of 25mm dia)	Meter	NSADRate	800.00	40.70	32,560.00
ADITEM	ADITEM	-HSR 31.45 (d) Supply and erection of copper lugs including crimping etc. up to the entire satisfaction of eic of the work. (16sqmm)	Number	NSADRate	2.00	11.33	22.66
ADITEM	ADITEM	-HSR 30.119(Providing and fixing of HDPE Water Storage tank of sintex,diplast,OK supreme make with covers/lids marked with IS 12701 on roof top complete in all respect to the satisfactions to Er in charge 2000ltr capacity	Number	NSADRate	2.00	5,212.00	10,424.00
ADITEM	ADITEM	-HSR 30.40 (b) (I) (I) 25 mm thick marble backs 680mm x 330 mm (200+340%=880)	Each	NSADRate	5.00	880.00	4,400.00
NSITEM	NSITEM	-Supply, Erection,testing & commissioning of 1x36/40 watt 1220 mm long fluorescent tube T-5 fittings directly on wall including necessary connections with 0.75 sqmm PVC copper flexible cable for connecting the tube with the adjacent light point complete in all respects of engineer incharge of the work.Make:- Philips,Bajaj,GE,Wipro,Klite,crompton greaves	Each	NSADRate	10.00	356.00	3,560.00
ADITEM	ADITEM	-Supply & erection of socket size rotary step type electronic regulator for A.C ceiling fan anchor make model 50440 ISI/SSK make PC 561 operated 120/280 volt A.C supply complete including cutting of existing bakelite sheet & making necessary connections etc. upto the entire satisfaction of the engineer in charge of the work HSR 31.55	Number	NSADRate	10.00	214.50	2,145.00

NSITEM	NSITEM	-Providing and fixing G.I pipes complete with G.I fitting and clamps including cutting and good the walls etc. (Internal work) concealed pipes including painting with anot corrosino bitumastic paint, cutting chases and making good the wall (25MM)	Meter	NSADRate	150.00	300.00	45,000.00
ADITEM	ADITEM	-13.97 1st storey Terracing consisting of 19mm thick heat resistant tile for roof insulated 300mmx300mm laid in 20mm thick 1:3 cement course as per HSR 1031	Square Meter	NSADRate	89.28	1,031.00	92,047.68
ADITEM	ADITEM	-HSR 31.17 (a) (ii) (a)Supply and erection of miniature circuit breaker isolator 240/415V in the existing distribution board including making necessary connections. (95+30%=123.50)	Number	NSADRate	25.00	123.50	3,087.50
NSITEM	NSITEM	-Providing and fixing stainless steel (Grade 304) railing made of hollow tubes channels plates etc including welding grinding buffing polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on top of the floor or the side of waist slab with suitable arrangement as per approval of engineer-in-charge. (for payment purpose only weight of stainless stell members shall be considered excluding fixing accessories such as nut, bolts, fastners etc.) 687.79	KG	NSADRate	483.90	687.79	332,821.58
ADITEM	ADITEM	-HSR 31.41 (vii) 12 way TP&N (2600+10%=2860)	Each	NSADRate	1.00	2,860.00	2,860.00
ADITEM	ADITEM	-HSR 31.42 xv 63/415V FP ELCB with 30 ma sensitivity (2050+10%=2255)	Each	NSADRate	1.00	2,255.00	2,255.00
NSITEM	NSITEM	-Supply Providing and Fixing Crompton Brisk Air 250mm Exhaust Fan (White)	Each	NSADRate	6.00	1,790.00	10,740.00
ADITEM	ADITEM	-HSR 31.36 viii c 3 pin 15 amp plug point (970+10%=1067)	Each	NSADRate	25.00	1,067.00	26,675.00
ADITEM	ADITEM	-HSR 31.40 vi 16 sqmm (7/1.70mm) (83.70+10%=92.07)	Meter	NSADRate	500.00	92.07	46,035.00
ADITEM	ADITEM	-HSR 31.40 ii cable size 2.5 sqmm (3/1.05mm) (16.30+10%=17.93)	Meter	NSADRate	1200.00	17.93	21,516.00

ADITEM	ADITEM	-Providing and fixing GO concealed sheet metal boxes with inner and outer faceplate including concealing the box in wall and fixing with inner plate and face palate with all labour and materials required for the job in all respect. 32mm dia HSR Item 31.58	Meter	NSADRate	300.00	45.00	13,500.00
ADITEM	ADITEM	-Good earth for filling of uneven land (HSR 5.2 + 4.1 (a) +6.2(g)i +6.2 (g) ii	Cum	NSADRate	447.00	140.00	62,580.00
13.i.24.a	HSRITEM	13.90(a)-100 mm dia PVC Bend	each	Through Rate	20.00	97.40	1,948.00
13.i.23.a	HSRITEM	13.89(a)-100mm dia PVC pipe 6Kg. Pressure	Mtr	Through Rate	20.00	182.00	3,640.00
14.91	HSRITEM	14.91-Pvdg & fixing ceramic tiles/anti skid tiles of size 400mm x 400mm or above size of approved make in floors, laid in any pattern as specified over base of 20mm thick cement coarse sand mortar 1:3 and jointed with white cement slurry mixed with pigment to match the shade of tiles. Note:-Tile shall be of premium quality (first quality) of reputed manufacturer like NITCO, KAJARIA, SOMANI, ORIENT & JOHNSONS	Sqm	Through Rate	40.00	530.40	21,216.00
31.R.b.1.8	HSRITEM	(viii)-Supply and erection of 25 mm dia metre 1.5 metre long lighting G.I. tube rod tapped into a point at the top with 16 cm x 16 cm x 3 mm thick G.I Base plate and necessary nuts and bolts with washer.	Each	Labour Rate	1.00	108.00	108.00
8.d.1.b	HSRITEM	8.5 (b)-In cement	cum	Labour Rate	414.00	231.40	95,799.60
9.1	HSRITEM	9.1.-Centring and shuttering for flat surfaces such as suspended floors, Roofs, landings, chhajjas, shelves etc inclination not exceeding degree with horizontal	sqm	Through Rate	64.00	203.25	13,008.00
9.7	HSRITEM	9.7.-Centring and shuttering for sides and soffits of beams haunchings, girders, bressumers and lintels	sqm	Through Rate	266.00	289.00	76,874.00
9.9	HSRITEM	9.9.-Centring and shuttering for columns (square or rectangular or Polygonal in plan)	sqm	Through Rate	751.52	247.25	185,813.32

10.e.4	HSRITEM	10.66-Providing & laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete. Improve workability without impairing strength and durability as per direction of Engineer-in-charge in foundation and plinth. (Note: Cement content considered in this item is @ 330 kg/ cum).	cum	Through Rate	194.00	4,350.50	843,997.00
10.e.11	HSRITEM	10.73-Providing & laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete. Improve workability without impairing strength and durability as per direction of Engineer-in-charge in first storey upto 4 meters above plinth level. (Note: Cement content considered in this item is @ 330 kg/ cum).	cum	Through Rate	94.00	4,383.50	412,049.00
11.c.8	HSRITEM	11.28.-First class brick work laid in cement, stone dust (from crusher) mortar 1:5 in first storey upto 4 metres above plinth level.	cum	Through Rate	217.00	3,365.25	730,259.25
9.13	HSRITEM	9.13.-Shuttering for faces of concrete foundations and foundations beams (vertical or battering)	sqm	Through Rate	1505.00	153.25	230,641.25
6.b.i.a	HSRITEM	6.6-Earth work in excavation in foundations, trenches, etc. in all kinds of soils, not exceeding 2 metres depth including dressing of bottom and sides of trenches, stacking the excavated soil, clear from the edge of excavation and subsequent filling around masonry, in 15 cm layers with compaction, including disposal of all surplus soil, as directed within a lead of 30 metres.	cum	Labour Rate	990.00	58.17	57,593.49
6.b.iv.1.a	HSRITEM	6.10 (a)-for depths of excavation exceeding 3 metres, but not exceeding 4.5 metres	cum	Labour Rate	12.00	90.19	1,082.31

6.c.1.b	HSRITEM	6.13 (b)- Earth filling :- earth work (exclusive of compensation for earth) in excavation, in ordinary soil, and filling, in 15 cm layers, in foundation and plinth including ramming, watering and consolidation under floor with earth brought from a distance not exceeding 30 metres	cum	Labour Rate	411.00	34.29	14,095.61
10.d.13	HSRITEM	10.38.-Cement concrete 1 : 4 : 8 with stone aggregate 20 mm Nominal size in foundation and plinth.	cum	Through Rate	78.00	2,310.00	180,180.00
11.c.3	HSRITEM	11.23.-First class brick work laid in cement, stone dust (from crusher) mortar 1:5 in foundation and plinth.	cum	Through Rate	319.00	3,207.75	1,023,272.25
11.c.9	HSRITEM	11.29.-First class brick work laid in cement, stone dust (from crusher) mortar 1:4 in first storey upto 4 metres above plinth level.	cum	Through Rate	34.00	3,492.37	118,740.75
11.f.1	HSRITEM	11.46.-11.43 cm thick brick wall with every fourth course, reinforced with hoop-iron, laid in 1:4 cement sand mortar in super-structure.	cum	Through Rate	117.00	471.37	55,150.87
14.c.1	HSRITEM	14.8.-Conglomerate floor 25 mm thick cement concrete topping 1:2:4	sqm	Through Rate	50.00	112.00	5,600.00
13.h.4	HSRITEM	13.64.-Cement concrete 1:2:4 gola 10 cm X 10 cm quadrant along junction of roof with parapet wall finished smooth, where specially specified.	Metre	Through Rate	68.00	18.19	1,236.92
13.g.1	HSRITEM	13.50.-Top khurra 0.6 m X 0.6 m for rain water pipe in 25 mm thick cement concrete 1:2:4 over 50 mm thick cement concrete 1:8:16	Each	Through Rate	10.00	41.82	418.20
13.g.8	HSRITEM	13.57.- Bottom khurra on ground 1.2 m X 0.6 m consisting of brick-on-edge laid in cement mortar 1:3 over 75 mm cement concrete 1:8:16 including 12 mm thick cement plaster 1:3	Each	Through Rate	10.00	218.62	2,186.20
14.a.1	HSRITEM	14.1-Base course of floors consisting of 100 mm thick cement concrete 1:8:16 and 100 mm sand or stone filling.	sqm	Through Rate	90.00	184.75	16,627.50
14.d.2	HSRITEM	14.17-40 mm thick grey polished flooring cement concrete 1:2;4 topping finished with 3 mm thick neat coat of cement rubbed and polished	sqm	Through Rate	90.00	265.50	23,895.00

14.v.8.b	HSRITEM	14.92 (b)-Providing and Fixing 1st quality ceramic glazed wall tiles conforming to I.S. 15622 (thickness to be specified by the manufacture) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12mm thick bed of cement mortar 1:3 coarse and jointed with grey cement slurry including pointing in white cement mixed with pigment of matching shades complete :- size of ceramic glazed tiles 300x450mm	Sqm	Through Rate	150.64	648.15	97,637.31
17.j.2.a	HSRITEM	(a)-for single lead shutter	sqm	Through Rate	35.94	25.60	920.06
14.v.10	HSRITEM	14.96-Laying and Fixing Granite stone in all shades 15mm to 18mm thick in flooring laid in any pattern as specified over base of 20mm thick cement coarse sand mortar 1:3 and jointed with white cement slurry mixed with pigment to match the shade of granite stone. (Excluding the cost of granite stone).	Sqm	Through Rate	108.00	1,850.00	199,800.00
17.j.6	HSRITEM	17.75-Providing and fixing 150 mm floor brass door stoppers, with rubber cushion, screws, etc, to suit shutter thickness complete-	Each	Through Rate	29.00	127.00	3,683.00
15.a.5	HSRITEM	15.5.-12 mm thick cement plaster 1:4	sqm	Through Rate	291.00	76.20	22,174.20
15.a.7	HSRITEM	15.7.-12 mm thick cement plaster 1:6	sqm	Through Rate	1880.00	63.90	120,132.00
15.a.10	HSRITEM	15.10-15 mm thick cement plaster 1:4 on the rough side of single or half brick wall	sqm	Through Rate	251.00	93.90	23,568.90
15.d.4	HSRITEM	15.52.-10 mm thick cement plaster 1:4	sqm	Through Rate	90.00	75.90	6,831.00
16.a.1	HSRITEM	16.1.-Preparation of ply wood surface for painting including sand papering the surface and applying filling with approved quality filler consisting of white lead, linseed oil, varnish and chalk mitti including finishing the surface to required finish complete. 2nd quality paint	sqm	Through Rate	42.00	15.18	637.56
16.a.2	HSRITEM	16.2.-Applying pink primer or aluminium priming coat on wood work including preparation of surface, knotting and stopping etc.1st quality paint	sqm	Through Rate	42.00	12.37	519.75

16.a.3	HSRITEM	16.3.-Painting two coats excluding priming coat with synthetic enamel paint in all shades on new wood work or metallic or plastered or concrete surfaces to give an even shade.1st quality paint	sqm	Through Rate	42.00	31.02	1,302.84
16.c.2	HSRITEM	16.25.-Applying priming coat with cement primer in all shades on newly plastered or concrete exterior surfaces.1st quality paint	sqm	Through Rate	2512.00	13.69	34,401.84
16.c.4	HSRITEM	16.27.-Painting two coats with ready-mixed emulsion Paint in all shaes for interior use on bricks, Plaster, cement, fibre-board etc.1st quality paint	sqm	Through Rate	2512.00	35.97	90,356.64
18.e.1	HSRITEM	18.12-Wrought iron and mild steel (using angles, flats square bars, tees and channels) ladders, grills, grating frames, window guards, iron doors openable or fixed stair case or parapet or any other type of railing, gates and tree guards etc., including cost of screws and welding rods or bolts and nuts complete fixed in position.	Qtl	Through Rate	51.12	6,242.10	319,096.15
18.i.2	HSRITEM	18.22.-Cold twisted deformed (:ribbed/tor steel) bars for R.C.C. works, where not included in the complete rate of R.C.C including bending, binding and placing in positon complete.	Qtl	Through Rate	328.40	5,502.30	1,806,955.32
16.c.1	HSRITEM	16.24-Preparation of plastered or concrete surfaces for painting, including sand papering the surface, applying one coat of linseed oil and filling with approved quality filler, consisting of white lead, linseed oil, varnish and chalk mitti including finishing surface to the required finish, complete.2nd quality paint	sqm	Through Rate	2512.00	36.79	92,429.04
17.k.4.a.iii	HSRITEM	17.93 (a) (iii)-commercial veneering with vertical grains or corss bands and face veneer on both sides commercial facing with laminated core and lipped edges:- 35 mm thick	sqm	Through Rate	38.00	1,344.00	51,072.00
18.k.1.d	HSRITEM	(d)-door and window frame of size 114 mm X 50 mm with 40 mm wide double rebate.	Metre	Through Rate	107.00	418.50	44,779.50
29.m.1.a	HSRITEM	(a)-Size 450 mm x 450 mm inside (with 455 mm x 455 mm cover and frame light duty single seal weighing 40 kg with C.C. topping)	Each	Labour Rate	1.00	2,277.00	2,277.00
29.n.2.b.iv.1	HSRITEM	(a)-for 1.80 metres depth below ground level	Each	Labour Rate	1.00	15,482.50	15,482.50

29.n.4	HSRITEM	-Providing and Fixing SFRC manhole covers and frames marked with I.S: 12592 including setting the same to correct lines and levels in 1:2 C.S.M. over manhole including carriage loading unloading stacking handling re-handling etc. complete in all respect of type: Extra Heavy duty (EHD-35) 560mm clear opening.	nos.	Through Rate	1.00	1,260.00	1,260.00
30.d.26.a.ii	HSRITEM	(ii)-Concealed stop cock with flange.	Each	Through Rate	15.00	572.00	8,580.00
30.A.5.ii.a.i	HSRITEM	(i)-White	Each	Through Rate	5.00	6,784.80	33,924.00
30.d.25.a	HSRITEM	(a)-Bib cock long body	Each	Through Rate	15.00	510.40	7,656.00
30.e.6.b	HSRITEM	(b)-with 75 mm i/d outlet	Each	Through Rate	15.00	472.50	7,087.50
30.A.13.i	HSRITEM	(i)-White plastic seat (Solid)	Each	Through Rate	5.00	849.20	4,246.00
31.R.b.1.4	HSRITEM	(iv)-Supply and erection of 60 cm x 60 cm x 6 mm thick galvanised iron plate including necessary bolts and nuts to G.I. tape.	Each	Labour Rate	1.00	215.00	215.00
31.R.b.1.2	HSRITEM	(ii)-Excavation earth pit 180 cm round at Top and 90 cm at bottom 4.5 metres deep and refilling the same in plains including supply of necessary charcoal/ coke and salt mixture.	Each	Labour Rate	1.00	254.00	254.00
30.c.6.i	HSRITEM	(i)-White	Each	Through Rate	10.00	20,204.80	202,048.00
30.c.16.6.a.4	HSRITEM	(iv)-Size 550 mm x 400 mm with one no. tap	Each	Through Rate	5.00	1,790.80	8,954.00
30.d.17.c.i	HSRITEM	(i)-White	Each	Through Rate	10.00	220.00	2,200.00
30.d.24	HSRITEM	30.74.-Providing and fixing in position super quality 65 mm i/d opening C.P brass dome type hinged grating weighing about 750 gms fixed in cement mortar 1:2 complete in all respects (as required by the Engineer-in-charge)	Each	Through Rate	15.00	297.00	4,455.00
31.d.i.b	HSRITEM	(b)-Medium Point	Each	Through Rate	20.00	236.90	4,738.00

31.m.1.26	HSRITEM	(xxvi)-Supply and erection of hexagonal M.S box 1.60 mm thick having each side 8 cms 7.5 cms deep top covered with M.S lid by means of screws including 10 mm dia 30 cm long mild steel rod made into suitable Suspension hook and erected in R.C.C slab for erection of fan, the bottom covered with 3 mm thick bakelite sheet with suitable holes, Painting etc. complete with all labour and material required to complete the job.	Each	Through Rate	45.00	26.30	1,183.50
31.b.1.ii.b	HSRITEM	(b)-Medium Point	Each	Through Rate	30.00	232.30	6,969.00
30.d.32.b.iii	HSRITEM	(iii)-15 mm x 450 mm	Each	Through Rate	20.00	176.00	3,520.00
31.a.1.vii.a	HSRITEM	(a)-Short point	Each	Through Rate	30.00	224.00	6,720.00
31.b.1.i.c	HSRITEM	(c)-Long point	Each	Through Rate	30.00	402.50	12,075.00
31.q.1.3	HSRITEM	(iii)-Earthing with G.I. earth plate 600 mm x 600 mm x 600 mm x 6 mm thick including accessories and providing enclosures accessories and providing enclosures with cover plate having locking arrangement and watering pipe etc. (but without charcoal or coke and salt) complete as required.	Each	Labour Rate	1.00	453.00	453.00
31.R.a.1.5	HSRITEM	(v)-Providing standard watering tank including down pipe and .Cl. cover with locking arrangements etc.	Each	Labour Rate	1.00	190.00	190.00
31.b.1.ii.c	HSRITEM	(c)-Long point	Each	Through Rate	25.00	335.80	8,395.00
31.R.a.1.9	HSRITEM	(ix)-Providing and fixing, testing joint made of 20 mm x 3 mm thick copper strips 125 mm long with 4 nos. brass bolts and nuts, checknuts with washer complete	Each	Labour Rate	2.00	12.10	24.20
31.R.a.1.6	HSRITEM	(vi)-Supply and erection of 20 mm x 3mm thick lighting conductor copper tape fixed with suitable copper staples of same size.	Metre	Labour Rate	20.00	60.00	1,200.00
31.q.1.9	HSRITEM	(ix)-Supplying and laying 25 mm x 6 mm G.I strip at 0.5 metre below ground level as strip earth electrode including soldering etc. as required.	Metre	Labour Rate	50.00	18.20	910.00
31.q.1.7	HSRITEM	(vii)-Supplying and laying 6 S.W.G copper wire at 0.5 mm below ground level as conductor earth electrode including thimbles, soldering etc. as required.	Metre	Labour Rate	90.00	3.50	315.00

31.I.1.a.2	HSRITEM	-6 amp. To 32 amp. Single Pole	Each	Through Rate	50.00	95.00	4,750.00
Total :					22667.80	123,145.98	8,588,046.15