

Name Construction of Anganvadi No.111 Building at village Juni Dhrevad Ta. Dwarka
of work Dist. Devbhoomi Dwarka.

:-

INDEX TO SPECIFICATION

Sr. No.	It. No.	Item Description	Vol. No.	Page No. as per Std. booklet	Item No. as per Std. specification	Remarks
1	2	3	4	5	6	7
1	1	Excavation for foundation In Dense or Hard soil up to all depth including sorting out and stacking of useful materials and disposing off the excavated stuff . with all lead and lift.	II	---	As per attached sheet	---
2	2	Excavation for foundation in Hard Murrum upto all depth including sorting out and stacking of useful materials and disposing of the excavated stuff with all lead and lift.	II	---	As per attached sheet	---
3	3	Providing and laying cement concrete 1:3:6(1-Cement : 3 Coarse sand : 6 graded stone aggregate 40 mm nominal size) and curing complete excluding cost of formwork in Foundation and Plinth.	II	---	As per attached sheet	---
4	4	Providing and laying ordinary cement concret 1:1.5:3 (1- cement :1.5 coarse sand :3 graded stoneaggregates 20 m.m. nominal size) and finishing smooth with curing etc.complete including the cost of formwork but excluding the cost of reinforcement. for reinforced concrete work in foundation footing base coloumn & mass concrete etc.complete.	II	---	As per attached sheet	---
5	5	Providing and laying ordinary cement concrete 1:1.5:3 (1- cement :1.5 coarse sand :3 graded stoneaggregates 20 m.m. nominal size) and finishing smooth with curing etc.complete including the cost of formwork but excluding the cost of reinforcement. for reinforced concrete work in COLUMN.	II	---	As per attached sheet	---
6	6	Providing and laying ordinary cement concrete 1:1.5:3 (1- Cement : 1.5- Coarse sand : 3-graded stone aggregates 20 mm nominal size) and finishing smooth with,curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in BEAMS.	II	---	As per attached sheet	---

1	2	3	4	5	6	7
7	7	Providing and Laying ordinary cement concrete 1:1.5:3 (1- Cement : 1.5- Coarse sand : 3- graded stone aggregates 20 mm nominal size) and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in Slabs.	II		---	As per attached sheet ---
8	8	Providing and Laying ordinary cement concrete 1:1.5:3 (1- Cement : 1.5- Coarse sand : 3- graded stone aggregates 20 mm nominal size) and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in V & H Fins.	II		---	As per attached sheet ---
9	9	Providing and laying ordinary cement concrete 1:1.5:3 (1- Cement : 1.5- Coarse sand : 3-graded stone aggregates 20 mm nominal size) for R.C.C lintel including finishing smooth with,curing etc. complete including the cost of formwork but excluding the cost of reinforcement.	II		---	As per attached sheet ---
10	10	Providing and laying cement concrete 1:1.5:3 (1-Cement: 1.5-Coarse sand : 3- crushed stone aggregates 20 mm nominal size) and curing complete including cost of formwork in Wall Caps / Coping.	II		---	As per attached sheet ---
11	11	Providing TMT Bar FE 500D reinforcement for R.C.C. work including bending, binding and placing in position complete.	II		---	As per attached sheet ---
12	12	White Stone Bela masonry block in course in foundation and plinth with stone of approved quality in Cement Mortar 1:5 (1-Cement :5-coarse sand) including racking the joints etc. complete.	II		---	As per attached sheet ---
13	13	Filling available excavated earth (excluding rock) in trenches, Plinth, sides of foundations etc. in layers not exceeding 20cm. in depth, consolidating each deposited layer by ramming and watering.	II		---	As per attached sheet ---
14	14	Filling in plinth with sand under floor including watering ramming consolidating and dressing etc complete.	II		---	As per attached sheet ---
15	15	White Stone Bela mesonry block in course in superstructure with stone of approved quality in Cement Mortar 1:5 (1-Cement :5- course sand) including packing the joints etc. complete.	II		---	As per attached sheet ---

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16	16	White Stone Bela mesonry work in partition walls upto 15cm thickness in cement Mortar 1:4 (1- Cement : 4- course sand)	II		---	As per attached sheet ---
17	17	Providing 15mm thick cement plaster in single coat on Rough (similar) sides of single or half brick wall for interior plastering up to floor two level finished even and smooth in(I) Cement mortar 1:3 (1 cement : 3 sand)Finishing with floatin coat of cement slurry	II		---	As per attached sheet ---
18	18	Prividing 20mm thick sand faced cement plaster on walls upto height 10 metres above ground level consisting of 12mm thick backing coat of C.M. 1:3 (1-cement : 3-sand) and 8mm thick finishing coat of C.M. 1:1 (1-cement : 1-sand) etc. complete.	II		---	As per attached sheet ---
19	19	P & L 24" x 24" vitrified 8 mm thick tile flooring over 20mm (average) base of cement mortar 1:6 (1 ement: 6 coarse sand) on new surface or fixing on existing flooring by adhesive material including dismantaling of existing flooring and jointed with color cement slurry including finised with flush pointing & cleaning the surface etc. complete for light shade	II		---	As per attached sheet ---
20	20	Providing and laying white glazed tiles 6 mm thickin skirting, risers of steps and dedo on 10 mm thickcement plaster 1:3 (1 cement :3 coarse sand) andjointed with white cement slurry.	II		---	As per attached sheet ---
21	21	Providing and fixing machine cut Both side mirror polished Kotah stone 25mm thick for Cupboard including making groove in walls and finished the same in CM 1:2 (1-cement:2-sand) etc. complete.	II		---	As per attached sheet ---
22	22	Providing and laying 50mm thick cement concrete flooring 1:2:4 (1-cement : 2-coarse sand : 4-graded stone aggregate 20mm nominal size) laid in one layer finished with a floating coat of neat cement.	II		---	As per attached sheet ---
23	23	Providing and laying broken china mosaic flooring for terrace using 12 mm to 20 mm broken pieces of glazed tiles to be laid over cement mortar 1:3 to plain or slope and to be tempered to bring mortar creme out upto surface using white cement including rounding off junctions and extending them upto 15 cm along the wall,clearing with water and oxalic acid etc. as directed.	II		---	As per attached sheet ---

1	2	3	4	5	6	7
24	24	Providing cement vata (10cm x 10cm size) quarter round in cement mortar 1:1 including neat cement finishing watering etc. complete.	II		--- As per attached sheet ---	
25	25	Constructing a cooking platform 60cm width and 70cm height resting on B.B. masonry wall 23cm thick in C.M. 1:6 with (i) fixing of precast R.C.C. (1:2:4) 8cm thick slab with marble mosaic chips set in C.M.(1:6) 6mm thick (terrazzo) with plastering on exposed faces of wall in C.M. (1:4) etc. complete.	II		--- As per attached sheet ---	
26	26	Providing and fixing in positing M.S.Angle 40mm x 40mm x 6mm frame for doors of 25 x 25 x 5 mm angle for shutter frame and 16guage M.S.Sheet welded to shutter frame and 6mm square bar for grill as per the approved drawing and design and including 3 coats of oil paint including a primer coat of red oxide paint and all necessary fitting, fixture locking arrangements etc complete.	I		--- As per attached sheet ---	
27	27	Providing and fixing in positing M.S.Angle 35mm x 35mm x 6mm frame for windows and ventilators of 25 x 25 x 5 mm angle for shutter frame and 16guage M.S.Sheet welded to shutter frame and 6mm square bar for grill as per the approved drawing and design and including 3 coats of oil paint including a primer coat of red oxide paint and all necessary fitting, fixture locking arrangements etc complete.	I		--- As per attached sheet ---	
28	28	Providing and fixing EZ-7 section door / window frame including welding and fixtures fastenings including 3-coats of approved enamel oil paint etc.with sheet glass selected quality glass 5mm thick bedded in putty and fixed with wooden beadings of first class teakwood and necessary cuttings etc Complete	II		--- As per attached sheet ---	
29	29	Providing and fixing M.S. Plain Grill of required pattern to wooden frames of windows etc. with M.S. flats at required spacing and frame around, square or round bars with round headed bolts and nuts or by screws incl. one coat of priming coat & two coat of oil paint etc. complete.	I		--- As per attached sheet ---	

1	2	3	4	5	6	7
30	30	Providing and fixing water closet squatting pan (Indian type W.C. Pan) 580 m.m. size including providing and fixing 100 m.m size "P" or "S" trap for water closet squatting pan including jointing the trap with pan and soil pipe in c.m. 1:3 (1 cement 3 coarse sand) including providing and fixing inc.C.m. 1:3 (1 cement : 3 coarse sand) and pair of white vitrious china 250 mm x 130 mm x 30 mm foot rest for long pattern with C.I. inlet connection for flush pipe with W.C. pan and chromium plated brass half turn flush cock of approved quality 25mm dia. etc complete.	I		---	As per attached sheet ---
31	31	Providing and fixing flat back wash basin of 550 x 400mm size including C.I. or M.S. brackets fixing in wall C.P. brass work of 32mm dia,,. fisher union of 32mm, pillar cock of 15mm dia, PVC waste pipe, PVC connection, brass stopcock of 15mm dia etc. complete.	I		---	As per attached sheet ---
32	32	Providing and fixing cast iron spigot and socket soil waste and ventilating pipes of the 75mm dia nominal size.	I		---	As per attached sheet ---
33	33	Providing and fixing S.W. gully trap 150mm x 100mm size - P type with C.I. Grating brick masonry chamber and water tight C.I. cover with frame of 300mm x 300mm size (inside) with standard weight Square mouth trapes.	I		---	As per attached sheet ---
34	34	Providing & fixing cast iron (Spun) 100 MM Dia Nahni trap of the following nominal diametre of self cleaning design with C.I.screwed down or highed grating including cost of cutting & making good the walls & floors 100mm inlet & 50mm outlet.	I		---	As per attached sheet ---
35	35	providing and fixing G.I. rain water spout of 50mm dia & 30 cm.length.	I		---	As per attached sheet ---
36	36	Providing and fixing to wall ceiling and floor galvanized mild steel tubes (Medium grade) 25mm dia nominal bore tube, fitting and clamps including making good the wall, ceiling and floor.	I		---	As per attached sheet ---
37	37	Providing and fixing to wall ceiling and floor galvanized mild steel tubes (Medium grade) 15mm dia nominal bore tube, fitting and clamps including making good the wall, ceiling and floor.	I		---	As per attached sheet ---

1	2	3	4	5	6	7
38	38	Providing and laying (two level or slopes) and jointing with stiff mixture of cement mortar in proportion 1:1 salt glazed stoneware pipes 100mm dia nominal internal diameters including testing of pipes and joints etc. complete.	I		---	As per attached sheet ---
39	39	Providing and laying (two level or slopes) and jointing with stiff mixture of cement mortar in proportion 1:1 salt glazed stoneware pipes 150mm dia nominal internal diameters including testing of pipes and joints etc. complete.	I		---	As per attached sheet ---
40	40	Providing & Fixing 25mm dia Gun metal check or non return fullway wheel valve.	I		---	As per attached sheet ---
41	41	Providing and fixing 15mm dia gun metal check or non return full way wheel valve.	I		---	As per attached sheet ---
42	42	Providing and fixing screw down bib taps of following size(A) Brass screw down bib tap polished bright(ii) 15mm dia	I		---	As per attached sheet ---
43	43	Constructing brick masonry for underground C.I. Inspection chamber and bends with bricks having crushing strength no less than 35Kg. / cm ² in C.M. 1:5 C.I. cover with frame (light duty) 445mm x 610mm internal dimensions total weight of cover with frame to be not less than 38Kg. (wt of cover 23Kg and wt of frame 15Kg) R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm size) foundation concrete 1:5:10 inside plaster 15mm thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete for Inside dimensions 455mm x 610mm x 450mm deep for single pipe line.	I		---	As per attached sheet ---
44	44	Distempering with dry distemper of approved brand and manufacture (Three coats) and of required shade on wall surface to give an even shade, over and including a priming coat of whiting after thoroughly brooming the surface free from mortar dropping and other foreign matter.	I		---	As per attached sheet ---
45	45	Finishing wall with water proofing cement paint on wall surface (Three coats) to give an approved brand and manufactures and of required shape even shade after thoroughly brushing the surface to remove all dirt and remains of loose powdered material.	I		---	As per attached sheet ---

1	2	3	4	5	6	7
46	46	Applying priming coat over new steel and other metal surface after over and including preparing the surface by thoroughly cleaning oil, grease dirt and other foreign matter and secured with brushes fine steel wood, scrapers and sand paper with ready mixed priming paint brushing red lead. Painting two coats (excluding priming coat) on new steel and other metal surfaces with synthetic enamel paint, brushing, to give an even shade including cleaning the surface of all dirt, dust and other foreign matters.	I		--- As per attached sheet ---	
47	47	Providing and fixing precast rubber Dye / steel Dye inter locking concrete block 60 mm thick with grade of concrete M300 Pneumatic compressed / vibrated mechanically and as per approved design confirming to IS 15658:2006 including 35 mm sand layer for levelling and filling the joint with sand in proper line and level as per guidelines of IRC : SP 63-2018 etc. Complete.	II		--- As per attached sheet ---	
48	48	Providing and laying brick on edge flooring laid dry grouted with C.M. 1:6 including finishing the joints curing etc. complete.	II		--- As per attached sheet ---	
49	49	Providing erecting and fixing double coated ISI PVC water tank of required capacity each with all necessary fittings and connection etc. complete on terrace.	II		--- As per attached sheet ---	
50	50	Providing soak pit of 5.00 cum volume including excavation and filling brick bats with dry masonrywork at top for 45 c.m. height including covering the top with stone including providing vatas in c.m 1:3 with finishing curing etc. complete as directed.	II		--- As per attached sheet ---	

1	2	3	4	5	6	7
51	51	Providing and fixing 20cm x 15cm x 2.5cm thick year plate of Marble stone set in CM 1:4 including finishing and engraving letters etc complete.	II		--- As per attached sheet ---	
52	52 to 72	Electric Work	II		--- As per attached sheet ---	

Signature of Contractor

**Deputy Executive Engineer
R & B Panchayat Sub-Division
Dwarka**

**Executive Engineer
R & B Panchayat Division Devbhoomi Dwarka
Khambhaliya**