

RAPAR NAGARPALIKA

Name Of Work :- Construction work Dada Dadi Park, Development of dabunda Circle and Parking shed at Rapar Nagarpalika Office at Rapar NagarPaliak. District: kutch

Schedule-B

SR.No.Of Work	Name Of Work	Amount
1	Name Of Work :- Estimate Of Construction Work Entry Gate For Dada Dadi Park At Rapar Nagar Paliak. District: Kachchh	572032.35
2	Name Of Work :-Estimate For Children Play Kit For Senior Citizen Park At Rapar Nagar Palika, District: Kachchh.	278350.00
3	Construction Work Of Circle Atdada Dadi Park At Rapar Nagarpalika, Dist: Kachchh.	230214.00
4	Construction Work Of Toilet Block- At Dada Dadi Park For Rapar Nagarpalika, Dist: Kachh.	532109.00
5	NAME OF WORK : CONSTRUCTION OF GARDEN WORK FOR Dada Dadi Park AT RAPAR NAGARPALIKA, DIST: KACHCHH.	2967691.00
6	Rapar Nagarpalika Campus Parking Shed and Retaing RCC Wall	836987.37
7	Name Of Work :- Development of Dabhunda Circle at Rapar Nagarpalika Rapar	1499009.79
	Total Amount	6916393.51

"NOTE :-The rates quoted shall be exclusive of GST , but Inclusive of all taxes, duties which shall not be paid extra. While GST will be paid for admissible part of actual work done at the approved tender rates. GST Shall be paid as per prevailing rates at the time of payment. "

**Name Of Work :- Estimate of Construction work of Entry Gate at Dada Dadi Park at
Rapar Nagar Paliak. District: kachchh.**

Schedule-B

Sr No	Description	Qty.	Per	Total Rate	Amount
1	Excavation for foundation up to 1.50 m depth including sorting out & stacking of useful materials and disposing of the excavated stuff upto 50 mt lead. lead (D) Soft rock not requiring Blasting	85.00	Cumt	278.06	23635.10
2	Providing and laying cement concrete 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth	8.43	Cumt	3740.22	31530.05
3	Providing and laying controlled cement concrete work M250 and curing complete including the cost of form work but excluding the cost of reinforcement of reinforced concrete work in foundation, footings base of column and mass concrete.	9.00	Cumt	4551.06	40959.54
4	Providing and laying controlled cement concrete M.250 and curing complete including the cost of formwork and reinforcement for reinforced concrete work in (C) Slabs,landing, shelves,Balconies, Lintels, Beams, Girders and Cantilever upto floor two level. RCC Wall	7.00	Cumt	6792.25	47545.75
5	Providing and laying controlled cement concrete M.250 and curing complete including the cost of formwork and reinforcement for reinforced concrete work in (C) slabs,landing,shelves,Balconies, Lintels, Beams, Girders and Cantilever upto floor two level. Slab	2.00	Cumt	6480.16	12960.32
6	Providing and laying controlled cement concrete M.250 and curing complete including the cost of formwork and reinforcement for reinforced concrete work in (C) Slabs,landing,shelves,Balconies, Lintels , Beams, Girders and Cantilever upto floor two level. Floor Beam	1.00	Cumt	5333.81	5333.81
7	Providing TMT Bar FE 500/500D reinforcement for R.C.C. work including cutting, bending, binding and placing in position comp. upto all floor level.	2277.00	kg	77.29	175989.33
8	Filling in foundation and plinth with murrum or selected soil in layers of 20cm. thickness including watering, ramming and consolidating etc. complete.	12.00	Cmt	269.75	3237.00
9	Providing and laying controlled cement concrete M.250 and curing complete including the cost of formwork and reinforcement for reinforced concrete work in (D) Columns, Pillars posts and struts, upto floor two level Column	1.00	Cmt	6087.27	6087.27

10	Providing and fixing M.S. grill of required pattern frames of windows/Relling/Door etc. with M.S. flats at required to window's gapes etc. with M.S. flats & 12 mm square bright bar for only window at required spacing & frame around, square with round headed bolts, nuts, or by screws built up section frame work incl. all necessary materials and labour spacing and frame alround square or round headed bolts and nuts or by screws.including applying a two coat of priming coat of red lead paint and two coats of oil painting etc complete (A)Plain grill	1142.00	kg	170.69	194927.98
11	Providing 10mm thick cement plaster in single coat on brick/concrete walls for interior plastering upto floor two level and finished even and smooth in (i)Cement mortar 1:3 (1-cement:3-sand)	20.00	smt	135.47	2709.40
12	Providing 20mm thick cement plaster in single coat on single or half brick walls for interior plastering upto floor two level and finished even and smooth in (i) Cement mortar 1:3 (1cement:3-sand)	52.00	smt	230.50	11986.00
13	Applying two coats of putty & two coats of primer of approved brand and manufacture on new wall surface to give an even shade including thoroughly brushing the surface free from mortar dropping and other foreign matter and sand papered smooth.	72.00	smt	89.89	6472.08
14	Finishing wall with weather proof exterior emulsion paint on wall surface (two coats) to give an required shape even shade after thoroughly brushing the surface to remove all dirt, and remains of loose powdered materials.etc complete	72.00	smt	120.26	8658.72
	Total Amount				572032.35

**Name of Work :-Estimate for children play kit for Senior citizen park at Rapar Nagar
Palika, District: Kachhh.**

Schedule-B

Sr No.	ITEM OF WORK	QTY	UNIT	Rate	AMOUNT
1	Providing & Fixing Children Play equipments Kit basically 'B' Class, GI Tube of ISI quality with Colour (Fibre wave slide 5ft height, Fibre wave, Fibre straight slide 5ft height, Double sea - saw, Double swing "A" type, Curcular swing, Fibre Dustbin (Rabbit+Squirrel), Titing PVC Dustbin, Four seater merry Go Round, including Transportation, fitting with 450x450x600mm excavation & CC 1:2:4, curing, Colour etc. As Per Direction by Engineer Encharge.				
1.1	Fibre wave slide 5ft height	1.00	Each	25654.00	25654.00
1.2	Fibre straight slide 5ft height	1.00	Each	38481.00	38481.00
1.3	Double sea - saw	2.00	Each	16675.10	33350.20
1.4	Double swing "A" type	2.00	Each	23088.60	46177.20
1.5	Curcular swing	1.00	Each	32067.50	32067.50
1.6	Fibre Dustbin (Rabbit+Squirrel)	5.00	Each	5772.15	28860.75
1.7	Titing Dustbin	5.00	Each	8337.55	41687.75
1.8	Four seater merry Go Round	1.00	Each	32067.50	32067.50
Total Amount					278345.90
Say Amount					278350.00

**Name Of Work :-Construction Work Of Circle At Dada Dadi Park At Rapar
Nagarpalika, Dist: Kachchh.**

Schedule-B

SR NO	Discription	Qty	Rate	Unit	Amount
1	Excavation for foundation upto 1.5m. Depth including sorting out and stacking of useful materials and disposing of the excavated stuff up to 50 mt. lead.				
	(A) loose or soft soil				
		7.20	305.53	Cumt	2200.00
2	Providing and laying cement concrete 1:3:6 (1 cement : 3coarse sand :6 hand broken stone aggregates 40 mm nominal size) and curing complete excluding cost of formwork in:				
	(A) Foundation and plinth				
		1.20	3095.25	Cumt	3714.00
3	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:6 (1- Cement : 6 -fine sand)(B) Conventional . brick work in superstructure above plinth level upto all floor levels				
		5.00	4483.80	Cumt	22419.00
4	Filling in foundation and plinth with murrum or selected soil in layers of 20cm. thickness including watering, ramming and consolidating etc. complete				
		6.00	269.75	Cumt	1619.00
5	Providing and laying cement concrete work 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (B) Slabs, landing, shelves, Balconis , Lintels, Beams, Girders and Cantilever upto floor two level. (more than 10 ton)				
		1.20	4124.84	Cumt	4950.00
6	Providing Thermo Mechanically treated bars(TMT bar) reinforcement for R.C.C. work including bending, binding and Placing in position complete upto floor two level.				
		100.00	77.29	Kg	7729.00
7	Prov. & fixing M.S. plain grills of required pattern to window's gapes etc. with M.S. flats & 12 mm square bright bar at required spacing & frame around, square with round headed bolts, nuts, or by screws built up section frame work incl. all necessary materials and labour incl. one coat of priming coat of red lead paint and two coat of enamel paint etc. complete at all floor levels				
		75.00	109.08	Kg	8181.00
8	Painting two coats at all floor levels on new steel other metal surface with synthetic enemal paint, brushing interior to give an even shade incl. cleaning the surgace of all dirt, dust & other foreign matter etc. comp. (A) For plain grill for all floor				
		5.00	92.20	Sqmt	461.00
9	Supply and laying 18 to 20 mm thick bansi pahad pur stone clading [red colour],Size of stone slabe [450mm x 600 mm maximum with 20 mm thick rough plaster Cement motor 1:3 (1 cement :3 sand) and cement slurry Etc.				

		16.00	2023.03	Sqmt	32368.00
10	Labour charges quarter round edge for Kota/ Marble				
		95.00	34.34	Rmt	3262.00
11	Labour Charges half round edge for Kota/Marble				
		12.00	51.51	Rmt	618.00
12	Designing and Construction of Bansipahadpur Stone Statue of Base Size 0.60x0.60 mt and Hieght of 1.5 Mts including Lifting and Properly fitting on Base Platform as aproved by Engineer in Charge. The presentation granite TAKTI with lettering should be fixed as per inst. of engr. in. charge.				
		1.00	142692.80	Cumt	142693.00
Total Amount					230214.00

RAPAR NAGAR SEVA SADAN, RAPAR					
NAME OF WORK : CONSTRUCTION OF GARDEN WORK FOR Dada Dadi Park AT RAPAR NAGARPALIKA, DIST: KACHCHH.					
ABSTRACT					
	Description of item	Qty	Total Rate	Per	Amount
	EARTHWORK				
1	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(C) Hard Murrum				
		32.00	305.53	M ³	9777.00
2	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(D) Soft rock not requiring Blasting				
		66.00	354.94	M ³	23426.00
3	Filling in foundation and plinth with murrum or selected soil in layers of 20cm. thickness including watering, ramming and consolidating etc. complete				
		73.50	269.75	M ³	19827.00
4	Filling in plinth with sand under floors including watering ramming, consolidating and dressing complete				
		40.50	481.80	M ³	19513.00
5	Filling available excavated earth (excluding rock) in trenches. plinth, sides of foundations etc. in layers not exceeding 20 cm. in depth consolidating each disposed layer by ramming and watering.				
		36.50	175.36	M ³	6401.00
	CONCRETE WORK				
6	Providing and laying cement concrete 1:3:6 (1-Cement : 3- coarse sand : 6- hand broken stone aggregates 40 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth				
		63.00	3095.25	M ³	195001.00
7	Providing and laying controlled cement concrete M-250 for RCC works including the cost machine mixing, vibrating, scaffolding, incl. cost of form work / shuttering but excluding cost of reinforcement etc. complete up to plinth level for (A) RCC FOOTING				
		50.00	4551.06	M ³	227553.00

	Description of item	Qty	Total Rate	Per	Amount
8	Providing and laying controlled cement concrete M-250 for RCC works including the cost machine mixing, vibrating, scaffolding, incl. cost of form work / shuttering but excluding cost of reinforcement etc. complete up to (B) RCC COLUMN				
		6.00	6087.27	M ³	36524.00
9	Providing and laying controlled cement concrete M-250 for RCC works including the cost machine mixing, vibrating, scaffolding, incl. cost of form work / shuttering but excluding cost of reinforcement etc. complete up to plinth level for (C) GROUND BEAMS				
		9.00	5163.12	M ³	46468.00
10	Providing and laying controlled cement concrete M.250 and curing complete including the cost of formwork but excluding the cost of reinforcement for reinforced concrete work in (G) RCC COPING				
		5.00	6700.34	M ³	33502.00
11	Providing and laying controlled cement concrete M.250 and curing complete including the cost of formwork but excluding the cost of reinforcement for reinforced concrete work in (B) Walls, from top of foundation level upto floor two level. (J) RCC Wall				
		17.00	6792.25	M ³	115468.00
12	Providing TMT Bar FE 500D reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level				
		4125.00	77.29	Kg.	318821.00
	MASONARY WORK				
13	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:6 (1- Cement : 6 -fine sand)(B) Conventional . brick work in superstructure above plinth level upto all floor levels				
		46.26	4483.80	M ³	207421.00
	PLASTER WORK				
14	Providing 15mm thick cement plaster in single coat on Rough (Similar)side of single or half brick walls for interior plastering upto floor two level and finished even and smooth in (i) Cement mortar 1:3 (1-cement:3-sand)				
		234.00	180.40	M ²	42214.00

	Description of item	Qty	Total Rate	Per	Amount
15	Providing and applying on exterior surfaces of Heritage surface texture granules finish of Bakelite Hylam Limited (No.22-0001 to 22-2026) trowelled over 20 mm thick sand faced cement plastered (Two coat of 12 mm in CM 1:3 & 8 mm coat in CM 1:1) sub strata to get an average finish coat thickness of 0.08 to 1.2 mm comprising of three components viz. Dry granules, Granules, bonding agent and top coat of glossy finish (Dry granules shall be made from Silica sand, pigments, primarily inorganic) pure acrylic copolymer emulsion, etc, of Bakelite Hylam product and top coat made from solvent acrylic co-polymer emulsion, broad specturm fungicide of Bakelite Hylam product including scaffolding, surface preparation with all contractor's material, labour, tools, plant, lead lift and transportation etc complete as per specifications and as directed by the Engineer-in-charge at site.				
		274.00	538.84	M ²	147642.00
	OPENING				
16	Prov. & fixing M.S. plain grills of required pattern to window's gapes etc. with M.S. flats & 12 mm square bright bar at required spacing & frame around, square with round headed bolts, nuts, or by screws built up section frame work incl. all necessary materials and labour incl. one coat of priming coat of red lead paint and two coat of enamel paint etc. complete at all floor levels				
		53.75	109.08	Kg.	5863.00
	FLOORING & WALL TILE				
17	Providing and laying rough chiseled dressed stone flooring over 20mm thick base of cement mortar 1:5 (1-Cement : 5- coarse sand) or L.M. 1:1.5 including pointing with cement mortar 1:2 (1-cement : 2-stone dust) etc. complete. (B) 40mm thick				
		157.00	643.57	M ²	101040.00
18	providing and laying coloured glazed tiles of the size 300mm x 200mm x 8mm/ 300mm x 450mm x 8mm in skirting, risers of steps and dedo on 10mm. Thick cement plaster 1:3 (1 cement : 3 coarse sanf) & joined with white and color cement slurry.				
		40.00	1488.24	M ²	59530.00
	PLUMBING & SANITARY ITEMS				

	Description of item	Qty	Total Rate	Per	Amount
19	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure polythene pipes of the following outside Dia. Low density, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(F) 75mm				
		7.00	280.23	Rmt.	1962.00
20	P & F to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low density, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(G)110				
		75.00	339.05	Rmt.	25429.00
21	Providing and fixing 100mm sand cast iron grating for gully, floor or Nahni trap.				
		3.00	36.98	Each	111.00
22	P & F screw down bib taps of following size.(B) Brass chromium plated screws down Bib Tap. (i) 15mm dia.				
		3.00	186.83	Each	560.00
23	P & F Gun metal check or non-return fullway wheel valve.(C) 25mm dia.				
		3.00	420.63	Each	1262.00
24	Providing and fixing Gun metal check or non-return fullway wheel valve.(D) 32mm dia.				
		3.00	314.73	Each	944.00
25	Providing and fixing C.I. Manhole cover 0.60 M. x 0.45M. size having weight not less than 35Kg.				
		3.00	958.17	Each	2875.00
26	Providing laying and jointing in true line and level 25mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.				
		32.00	91.84	Rmt.	2939.00

	Description of item	Qty	Total Rate	Per	Amount
27	Providing laying and jointing in true line and level 32mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.				
		64.00	119.15	Rmt.	7626.00
28	Providing laying and jointing in true line and level 50mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.				
		150.00	195.67	Rmt.	29351.00
29	Providing, laying and jointing in true line and level 160 diameter U.P.V.C (Type B) conforming to IS 13592-1992 with one end plain and other end socketed with rubber ring, & fittings conforming to ISI 14735-1999 of approved make for drainage system pipe line, pipe shall be jointed with each other with rubber lubricant, pipe shall be fixed on wall using of PVC clamp of the size 160 mm diameter x 210 mm length x 196 mm heigh at every 2000 mm center to center or shall be concealed in walls as directed including necessary fittings such as bends, shoes etc. including testing of pipes and joints and jointed with adhesive solvent cement including cost of all materials.				
		12.00	834.38	Rmt.	10013.00
30	Providing and fixing PVC SWR Nahni trap IS: 14735 for drain - 100 mm diameter with jali of the following nominal diameter of self cleansing design with C.I scread down or hinged grating including the cost of cutting and making good the walls.				
		2.00	586.27	Each	1173.00

	Description of item	Qty	Total Rate	Per	Amount
31	Providing and fixing PVC SWR Nahni trap IS 14735 for drain - 75 mm diameter with jali of the following nominal diameter of self cleansing design with C.I screed down or hinged grating including the cost of cutting and making good the walls.				
		1.00	574.58	Each	575.00
	MISCELLANEOUS BUILDING ITEAM				
32	Providing and fixing pre-cast concrete kerb stone of gray cement based concrete block 30cm length,30cm height and 15cm thick of M200 grade concret as per approved design and including excavation for fixing in proper line and level,filling the joint with C:M 1:3 (1cement:3fine sand) etc complete.				
		60.00	2694.68	Rmt.	161681.00
33	Applying priming coat over new steel and other metel surface after and including preparing the surface by throughly cleaning, oil,grease, dirt and other foreign matter and scoured with brushes fine steel wood, scrapers and sand paper with ready mixed priming paint brushing red lead.				
		21.00	36.42	Smt	765.00
34	Painting two coats (excluding priming coat) on new steel and other metal surface with enamel paint, brushing, interior to give an even shade including cleaning the surface an even shade including cleanicn the surface of all dirt, dust and other foreign matter.				
		21.00	92.20	Smt	1936.00
35	Providing and laying Granite slab (18 mm thick) one side polished flooring over 20 mm (average) base of cement mortar 1:6 (1 cement : 6 coarse sand) and jointed with grey cement slurry including Moulding, Rubbing and polishing complete.				
		82.00	2694.68	Sqmt	220964.00
36	Providing and laying polished Granite Slab 18mm thick in Risers of steps Dedo, window sill, jembs and pillars laid 10mm thick Cement Mortar 1:4 (1-Cement : 4-Coarse Sand) and jointed with Grey Cement Slurry including full molded round front edges , rubbing and polishing etc. complete.				
		75.00	3111.81	Sqmt	233386.00

	Description of item	Qty	Total Rate	Per	Amount
37	Providing and Decorative fountain in Tank as per direction of engineer in charge. Outdoor Fountain/Type of Outdoor Fountain Static Fountain/Material of Nozzle Stainless Steel/Aeration Surface Aeration Static/ Number of Programmable Water Proof Lights 20 Watt To 30 Watt/Number of Programmable Water Proof Lights 5 Watt To 10 Watt/Number of Programmable Water Proof Lights 10 Watt To 20 Watt /Number of Programmable Water Proof Lights 30 Watt To 60 Watt Number of Programmable Water Proof Lights Up To 5 Watt/5/Maintenance Period (Years)1 (2) Supply, Testing & Commissioning Make Big GI Connection Nozzles For Heavy Centre Foam Chasing Jets Connection - 1 SET (3) Supply, Testing & Commissioning of Under water LED lights to highlight the suitable for 12V supply with LED's (Lumens Technologies / OPTO), 1M flexible cable with cable gland, all complete. - 10 Nos. (4) Supply, Testing, & Commissioning of The LED Lights , Drivers And Controller As Per Require - 1 SET (5) Supply , Testing & Commissioning Of The Pumps In suitable HP Submersible Pumps, Copper Roater , Casting Body - 1 Nos (6) Supply , Testing & Commissioning Of The Pumps Panel Board With MCB , Contactor , Starter , And Other Electric Items In Panel Board - 1 SET (7) Supply, & Commissioning of The Estimate Is Total All				
	As per GEM Rate	1.00	303000.00	Smt	303000.00
38	LAYING OUT LAWN: After excavating soil upto 30 cm. depth, preparing soil for planting Doob grass (pure dharo) including watering and maintenance of the lawn for 60 days or more till the grass forms a thick lawn, free from weeds and fit for mowing and including supplying of good earth, if needed etc. complete				
		284.34	159.58	Sqmt	45375.00

	Description of item	Qty	Total Rate	Per	Amount
39	Plantation of various type tree (Neem having minimum 2.50 mt. height Including cost of Makeing pit of 0.60x0.60 mt. & 0.60 mt. deep with Cotton soil, Insecticides before planting, plantation trees with carefully, filling black cotton soil brought for m outside with farm yard manner/Vermi Compost, necessary doses of pesticide,Fertilizer & support watering with soil working. The work including cost of all type of labour,60 day maintain (minimum two time watering in week), plantation with expertise, transportation, loading, unloading, all taxes etc. complete as per specification and as directed by Engineer-in-charge.				
		5.00	563.58	Sqmt	2818.00
40	Plantation of various type tree (Gulmohar having minimum 2.50 mt. height Including cost of Makeing pit of 0.60x0.60 mt. & 0.60 mt. deep with Cotton soil, Insecticides before planting, plantation trees with carefully, filling black cotton soil brought for m outside with farm yard manner/Vermi Compost, necessary doses of pesticide,Fertilizer & support watering with soil working. The work including cost of all type of labour,60 day maintain (minimum two time watering in week), plantation with expertise, transportation, loading, unloading, all taxes etc. complete as per specification and as directed by Engineer-in-charge.				
		5.00	545.40	Smt	2727.00
41	Plantation of various type tree (Ashoka having minimum 2.50 mt. height Including cost of Makeing pit of 0.60x0.60 mt. & 0.60 mt. deep with Cotton soil, Insecticides before planting, plantation trees with carefully, filling black cotton soil brought for m outside with farm yard manner/Vermi Compost, necessary doses of pesticide,Fertilizer & support watering with soil working. The work including cost of all type of labour,60 day maintain (minimum two time watering in week), plantation with expertise, transportation, loading, unloading, all taxes etc. complete as per specification and as directed by Engineer-in-charge.				
		5.00	581.76	Sqmt	2909.00

	Description of item	Qty	Total Rate	Per	Amount
42	Plantation of various type tree (Garmalo having minimum 2.50 mt. height Including cost of Makeing pit of 0.60x0.60 mt. & 0.60 mt. deep with Cotton soil, Insecticides before planting, plantation trees with carefully, filling black cotton soil brought for m outside with farm yard manner/Vermi Compost, necessary doses of pesticide,Fertilizer & support watering with soil working. The work including cost of all type of labour,60 day maintain (minimum two time watering in week), plantation with expertise, transportation, loading, unloading, all taxes etc. complete as per specification and as directed by Engineer-in-charge.				
		5.00	561.56	Sqmt	2808.00
43	"Supplying and planting of shrubs/ground covers at 30cm x 30cm] in prepared beds, including removal of plastic bags, firming the soil around the roots, and initial watering for a period of 60 days or until established. complete as per specification and as directed by Engineer-in-charge.				
		120.00	150.49	Smt	18059.00
44	Pebble stones are naturally rounded rock fragments ranging from 100 to 150 mm in diameter, shaped by water and wind erosion. Valued for their durability, low maintenance, and natural aesthetic, they are widely used in landscaping, decorative flooring, aquariums,				
		13388.72	20.20	Smt	270452.00
Total Amount					2967691.00

RAPAR NAGAR SEVA SADAN, RAPAR

NAME OF WORK : ESTIMATE OF CONSTRUCTION WORK OF TOILET BLOCK- AT Dada Dadi Park FOR RAPAR NAGARPALIKA, DIST: KACHH.

ABSTRACT

It.N o.	Description of item	Qty	Rate	Per	Amount
	EARTHWORK				
1	Excavation for foundation up to 1.50 m depth including sorting out & stacking of useful materials and disposing of the excavated stuff upto 50 mt lead. lead. (C) Hard Murrum	4.64	267.08	M ³	1239.00
2	Excavation for foundation up to 1.50 m depth including sorting out & stacking of useful materials and disposing of the excavated stuff upto 50 mt lead. lead (D) Soft rock not requiring Blasting	2.92	278.06	M ³	812.00
3	Filling in foundation and plinth with murrum or selected soil in layers of 20cm. thickness including watering, ramming and consolidating etc. complete	3.00	269.75	M ³	809.00
4	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm. in depth consolidating each disposed layer by ramming and watering.	6.00	136.92	M ³	822.00
5	Providing and laying cement concrete 1:3:6 (1-Cement : 3- coarse sand : 6- hand broken stone aggregates 40 mmnominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth	4.00	3095.25	M ³	12381.00
6	Providing and laying controlled cement concrete M-250 for RCC works including the cost machine mixing, vibrating, scaffolding, incl. cost of form work / shuttering but excluding cost of reinforcement etc. complete up to plinth level for RCC FOOTING	0.74	4551.06	M ³	3368.00
7	Providing and laying controlled cement concrete M-250 for RCC works including the cost machine mixing, vibrating, scaffolding, incl. cost of form work / shuttering but excluding cost of reinforcement etc. complete up to RCC COLUMN	1.59	6087.27	M ³	9679.00
8	Providing and laying controlled cement concrete M-250 for RCC works including the cost machine mixing, vibrating, scaffolding, incl. cost of form work / shuttering but excluding cost of reinforcement etc. complete up to plinth level for BEAMS	1.10	5163.12	M ³	5679.00
9	Providing and laying controlled cement concrete M-250 for RCC works including the cost machine mixing, vibrating, scaffolding, incl. cost of form work / shuttering but excluding cost of reinforcement etc. complete up to plinth level for BEAMS	1.10	5333.81	M ³	5867.00
10	Providing and laying controlled cement concrete M.250 and curing complete including the cost of formwork but excluding the cost of reinforcement for reinforced concrete work in FLOOR RCC SLAB	1.94	6480.16	M ³	12572.00
11	P & L controlled cement concrete M.250 and curing complete including the cost of formwork but excluding the cost of reinforcement for reinforced concrete work in RCC STAIRCASE	0.00	7186.15	M ³	0.00

12	Providing and laying controlled cement concrete M.250 and curing complete including the cost of formwork but excluding the cost of reinforcement for reinforced concrete work in RCC COPING	0.21	6700.34	M ³	1407.00
13	Providing and laying controlled cement concrete M.250 and curing complete including the cost of formwork but excluding the cost of reinforcement for reinforced concrete work in RCC LINTEL	0.12	6620.55	M ³	794.00
14	Providing and laying controlled cement concrete M.250 and curing complete including the cost of formwork but excluding the cost of reinforcement for reinforced concrete work in RCC CHAJJA	0.00	9820.23	M ³	0.00
15	Providing TMT Bar FE 500D reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level	826.80	77.29	Kg.	63903.00
16	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:6 (1- Cement : 6 -fine sand)(B) Conventional .	1.45	4214.33	M ³	6111.00
17	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:6 (1- Cement : 6 -fine sand)(B) Conventional . brick work in superstructure above plinth level upto all floor levels	12.51	4483.80	M ³	56092.00
18	Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:3 (1-Cement : 3-coarse sand) with 2 Nos of 6mm Mild steel round bars after every three course embedded in Cement Mortar in foundation and plinth (B) Conventional .. in superstructure above plinth level upto all floor levels	5.88	702.64	M2	4132.00
19	Providing 10mm thick cement plaster in single coat on brick/concrete walls for interior plastering upto floor two level and finished even and smooth in (i)Cement mortar 1:3 (1-cement:3-sand). plastering on ceilings and soffits of stairs	20.50	157.36	M ²	3226.00
20	Providing 15mm thick cement plaster in single coat on Rough (Similar)side of single or half brick walls for interior plastering upto floor two level and finished even and smooth in (i) Cement mortar 1:3 (1-cement:3-sand)	66.50	180.40	M ²	11997.00
21	Providing and applying on exterior surfaces of Heritage surface texture granules finish of Bakelite Hylam Limited (No.22-0001 to 22-2026) trowelled over 20 mm thick sand faced cement plastered (Two coat of 12 mm in CM 1:3 & 8 mm coat in CM 1:1) sub strata to get an average finish coat thickness of 0.08 to 1.2 mm comprising of three components viz. Dry granules, Granules, bonding agent and top coat of glossy finish (Dry granules shall be made from Silica sand, pigments, primarily inorganic) pure acrylic copolymer emulsion, etc, of Bakelite Hylam product and top coat made from solvent acrylic co-polymer emulsion, broad spectrum fungicide of Bakelite Hylam product including scaffolding, surface preparation with all contractor's material, labour, tools, plant, lead lift and transportation etc complete as per specifications and as directed by the Engineer-in-charge at site.	63.00	538.84	M ²	33947.00

22	Providing and fixing FRP frame size 125x65 mm and 35mm thick FRP shutter with wood grain raised paneled design finish shutter having extra reinforcement on sides & edges in Gel coat finish. The core of the shutter & frame is to be filled up with injected polyurethane foam done in situ alongwith embedded wooden pieces for stiffening & also taking hinges & finitues. The whole FRP frame & shutter is to be water proof weather proof, termite proof & resistance to mild acid/alkali. Rates are to be inclusive of S.S hinges with fastener sleeve & alluminium fixtures & fastenings	4.73	2019.98	M ²	9555.00
23	Providing and fixing 35 mm thick door shutter in standard design and size with 3.12 mm thick high densified molded wood fiber primer coated skin both side of doors. Skin is to be confirming to ASTM D-1037 pressed under hot press over plantation wood frame 65 X 27 vertical style, top rail and bottom rail as well as lock rail of 125 X 27 mm Remaining hollow portion is to be filled up with injected fire extinguishing grade polyurethane foam (PUF). The whole shutter to be weather resistance water resistance and termite proof including cost of hinges, necessary screws and alluminium fixtures and fastening.	2.10	2152.31	M ²	4520.00
24	Providing & Fixing standared extrued of alluminium section of size 63.50x38.10x1.95mm(of jindal Section no:4605,@ Wt 1.094kg /rmt with colour anodize alluminium frame with 5mm thick transparent bronze colour tited float lass as detail etc complete for Fix	1.80	1525.00	M ²	2745.00
25	Providing and fixing M.S. grill of required pattern top wooden frames of windows etc. with M.S. flats at required spacing and frame alround square or round headed bolts and nuts or by screws.including applying a priming coat of red lead paint and two coats of oil painting etc complete (B) ORNAMENTAL GRILL	140.50	170.69	Kg.	23982.00
26	Light Shed P & L 24" x 24" vitrified 8 mm thick tile flooring over 20 mm (average) base of cement mortar 1:6 (1 cement: 6 coarse sand) on new surface or fixing on existing flooring by adhesive material including dismentaling of existing flooring and jointed with color cement slurry including finised with flush pointing & cleaning the surface etc. complete for light shade.	6.74	1476.54	M ²	9952.00
27	Providing and laying Ceramic tiles 6mm thick in flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1-cement : 3-coarse sand) finishing with flush pointing in white cement	3.50	1017.30	M ²	3561.00
28	providing and laying coloured glazed tiles of the size 300mm x 200mm x 8mm/ 300mm x 450mm x 8mm in skirting, risers of steps and dedo on 10mm. Thick cement plaster 1:3 (1 cement : 3 coarse sanf) & joined with white and color cement slurry.	61.00	1488.24	M ²	90783.00

29	PROVIDING & 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 cream 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 with water proofing treatment on terrace/toilet including (a) Applying neat cement slurry 2.75 Kg./Smt. of cement admix with water proofing compound after cleaning the surface (b) laying cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) admixed mortar proofing compound over 20mm thick layer of cement mortar 1:5 to required slope including rounding of junctions of walls and slabs (c) after two days of proper curing applying a second coat of cement slurry with water for a period of two weeks. with 5 year stamp paper warranty.	21.00	1359.46	M ²	28549.00
30	Applying two coats of putty & two coats of primer of approved brand and manufacture on new wall surface to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth.	21.00	40.59	M ²	852.00
31	Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surface to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth. - Extra over item for painting with plastic emulsion paint of approved brand on ceilings and sloping roofs	20.50	89.89	M ²	1843.00
32	Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surface to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth.	0.00	84.37	M ²	0.00
33	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm ² working pressure polythene pipes of the following outside Dia. Low density, complete with special flange compression type fittings, wall clip etc. including making good the wall ceiling and floor. (F) 75mm	10.00	280.23	Rmt.	2802.00
34	P & F to wall ceiling and floor 10.0 Kg. F/Cm ² working pressure polythene pipes of the following outside Dia. Low density, complete with special flange compression type fittings, wall clip etc. including making good the wall ceiling and floor. (G) 110	10.00	339.05	Rmt.	3391.00
35	Providing and fixing in position cover to pipes. (B) 75mm dia.	2.00	393.04	Each	786.00
36	Providing and fixing wash down water closet (European type, W.C. Pan) with integral P or S trap including jointing the trap with soil pipe in Cement Mortar 1:1 (1-Cement : 1-fine sand) (Seal and cover to be measured and paid for separately) (A) vitreous China Pattern : (i) in white colour	2.00	1356.81	Each	2714.00
37	Providing and fixing 100mm size P or S trap for water closet squatting pan including jointing the trap with the pan and soil pipe in cement Mortar 1:1 (1-Cement : 1-Fine sand) (A) Vitreous China.	1.00	332.39	Each	332.00

38	Providing and fixing in Cement Mortar 1:3 (1-Cement : 3-coarse sand)a, pair of white vitreous China 250mm x 130mm x 30mm footrest to long pattern squatting pan water closet.	2.00	120.14	Each	240.00
39	Providing and fixing 12.5 Litres low level flushing cistern with a pair, of C.I. or Mild brackets, complete with fittings such as lead valve less syphon, 15mm nominal size brass ball valve with polythene float, C.P brass handle unions and couplings for connections, with inlet, outlet and overflow pipes, 40mm dia. porcelain enamelled flush bend including cutting holes in walls and making good the same connecting the flush bend with cistern and closet (overflow pipe to be measured and paid for separately)(A) Vitreous China (I) In white colour	3.00	2370.39	Each	7111.00
40	Providing and fixing in position with clamps etc. 32mm nominal internal diameter galvanised steel tube flush pipe for high level flushing cistern including connecting the flush pipe with cistern and closet and making good the walls and floors.	3.00	347.51	Rmt.	1043.00
41	Providing and fixing G.I. inlet connection for flush pipe with W.C. Pan	3.00	40.94	Each	123.00
42	Providing and fixing plastic seat and cover for wash down water closer with C.P. brass hinges and rubber buffers. (B) Black plastic seal and cover.	2.00	291.33	Each	583.00
43	Providing and fixing washbasin with single hole for pillar tap with C.I. or M.S. brackets painted white including cutting holes and making good the same but excluding fittings.(A) Vitreous China:(ii) Flat Back washbasin 550 mm x v 400mm size. (i) In white colour.	2.00	1581.77	Each	3164.00
44	Providing and fixing Kitchen sink with C.I. or M.S. brackets, painted white including cutting holes in walls and making good the same but excluding fittings. (C) Vitreous China Sink.(i) 600mm x 450mm x 150mm size	0.00	2326.66	Each	0.00
45	Providing and fixing C.P. brass waste for washbasin or sink. (A) 32mmdia.	2.00	67.91	Each	136.00
46	P & F M.I. fisher union for washbasin or sink. (A) 32mm dia.	2.00	78.75	Each	158.00
47	Providing and fixing 100mm sand cast iron grating for gully, floor or Nahni trap.	6.00	36.98	Each	222.00
48	Providing and fixing C.P. brass shower rose with 15mm or 20mm inlet.(A) 100mm dia. Each	1.00	282.16	Each	282.00
49	Providing and fixing 600mm x 450mm bevelled edge mirror of superior glass mounted on 6mm thick A.C. sheet or plywood sheet and fixing to wooden plug with C.P. brass screws and washers.	2.00	859.41	Each	1719.00
50	Providing and fixing C.P. brass towel rail complete with C.P. brass brackets fixed to wooden plugs with C.P. brass screws.(B) 600mm x 20mm size.	0.00	616.42	Each	0.00
51	Providing and fixing 600mm x 120mm glass shelf with C.P. brass bracket and guard rail complete mixed to wooden plug with C.P. brass screws.	1.00	544.51	Each	545.00
52	Providing and fixing toilet paper holder.(A) C.P. Brass	2.00	427.99	Each	856.00
53	P & F screw down bib taps of following size.(B) Brass chromium plated screws down Bib Tap. (i) 15mm dia.	7.00	186.83	Each	1308.00
54	P & F pillar tap, capstan head, screw down high pressure with screws, shanks and back nuts.(i) 15mm dia.	7.00	308.73	Each	2161.00
55	P & F brass screw down stop tap.(A) 15mm dia.	2.00	205.83	Each	412.00
56	Providing and fixing brass screw down stop tap.(C) 25mm dia.	2.00	220.82	Each	442.00

57	P & F Gun metal check or non-return fullway wheel valve.(C) 25mm dia.	2.00	420.63	Each	841.00
58	Providing and fixing Gun metal check or non-return fullway wheel valve.(D) 32mm dia.	2.00	314.73	Each	629.00
59	Providing and fixing chromium plated brass half trun flush cock of approved quality including fixing in pipe line etc. complete.(ii) 25mm dia.	3.00	263.77	Each	791.00
60	Providing and fixing chromium plated brass half trun flush cock of approved quality including fixing in pipe line etc. complete.(iii) 32mm dia.	3.00	275.76	Each	827.00
61	Providing and fixing Urinal of approved quality including connection with trap and with integral longitudinal flush pipe.(A) Squating plate pattern white earthenware 550mm x 300mm.	3.00	1628.53	Each	4886.00
62	Providing and fixing Rubber plug for sink or wash basin.	3.00	17.15	Each	51.00
63	Providing and fixing chromium plated, bottle trap with necessary couplings of approved quality for wash basin.	3.00	295.80	Each	887.00
64	Providing and fixing ball cock of approved. quality as directed.(A) Copper Metal (i) 25mm dia.	1.00	132.89	Each	133.00
65	Providing and fixing ball cock of approved. quality as directed.(A) Copper Metal (ii) 50mm dia.	1.00	189.84	Each	190.00
66	Providing and fixing C.I. Manhole cover 0.60 M. x 0.45M. size having weight not less than 35Kg.	2.00	958.17	Each	1916.00
67	Providing and fixing G.I. Rain water spout of 50mm dia. and 30cm. length.	5.00	101.91	Each	510.00
68	Providing laying and jointing in true line and level 25mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	12.00	91.84	Rmt.	1102.00
69	Providing laying and jointing in true line and level 32mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	5.00	119.15	Rmt.	596.00
70	Providing laying and jointing in true line and level 50mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	5.00	195.67	Rmt.	978.00

71	Providing, laying and jointing in true line and level 160 diameter U.P.V.C (Type B) conforming to IS 13592-1992 with one end plain and other end socketed with rubber ring, & fittings conforming to ISI 14735-1999 of approved make for drainage system pipe line, pipe shall be jointed with each other with rubber lubricant, pipe shall be fixed on wall using of PVC clamp of the size 160 mm diameter x 210 mm length x 196 mm height at every 2000 mm center to center or shall be concealed in walls as directed including necessary fittings such as bends, shoes etc. including testing of pipes and joints and jointed with adhesive solvent cement including cost of all materials.	0.00	834.38	Rmt.	0.00
72	Providing, laying and jointing in true line and level 110 diameter U.P.V.C (Type B) conforming to IS 13592-1992 with one end plain and other end socketed with rubber ring, & fittings conforming to ISI 14735-1999 of approved make for drainage system pipe line, pipe shall be jointed with each other with rubber lubricant, pipe shall be fixed on wall using of PVC clamp of the size 110 mm diameter x 149 mm length x 145 mm height at every 2000 mm center to center or shall be concealed in walls as directed including necessary fittings such as bends, shoes etc. including testing of pipes and joints and jointed with adhesive solvent cement including cost of all materials.	0.00	876.90	Rmt.	0.00
73	Providing and fixing PVC SWR Nahni trap IS 14735 for drain - 100 mm diameter with jali of the following nominal diameter of self cleansing design with C.I. scribed down or hinged grating including the cost of cutting and making good the walls.	5.00	586.27	Each	2931.00
74	Providing and fixing PVC SWR Nahni trap IS 14735 for drain - 75 mm diameter with jali of the following nominal diameter of self cleansing design with C.I. scribed down or hinged grating including the cost of cutting and making good the walls.	2.00	574.58	Each	1149.00
75	Providing and laying (to level or slopes) and jointing with stiff mixture of Cement Mortar in proportion 1:1 Silt glazed stoneware pipes including testing of pipes and joints complete.(B) 150mm dia. .	15.00	317.35	Rmt.	4760.00
76	Providing and laying Cement concrete 1:5:10 (1-Cement : 5-Fine sand :10-Graded stone aggregate 40mm nominal size) bedding for stoneware pipes of following internal diameters with necessary formwork and curing complete.(B) 150mm dia. (166mm Ave. bed thickness)	10.00	213.71	Rmt.	2137.00
77	Providing and laying lime concrete 1:2:4 (1-Lime putty :2-Fine sand : 4-Graded brick aggregates 40mm nominal size) bedding for stoneware pipes of following internal diameters with necessary formwork and curing complete.(B) 150mm dia. 450mm width (166mm Ave. bed thickness)	10.00	410.89	Rmt.	4109.00
78	Extra over item 24.1 for providing salt Glazed stoneware fittings.(i) Bends of required degree (any radius) of following nominal diameters.(B) 150mm dia. .	10.00	63.79	Each	638.00
79	Providing and laying jointing and pointing with stiff mixture of Cement Mortar 1:1 (1-Cement : 1-Fine sand) 150 mm internal diameter salt glazed stoneware half round channels. .	10.00	187.12	Rmt.	1871.00
80	Providing and fixing S.W. gully trap with C.I. grating brick masonry chamber and water tight C.I. cover with frame of 300mm x 300mm size (inside) with standard weight.(i) Square mouth traps.(B) 150mm x 100mm size P or R type	2.00	1292.19	Each	2584.00

81	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(D) 300mm .	10.00	678.02	Rmt	6780.00
82	P & L (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(E) 450mm .	0.00	1077.15	Rmt	0.00
83	Constructing Manhole with R.C.C. top slab in 1:2:4 mix (1-cement :2-coarse sand : 4-graded stone aggregate 20mm nominal size) foundation concrete 1:3:6 mix (1-cement : 3- coarse sand :6-Brick bats 40 + 50mm size) inside plastering 15mm thick with Cement Mortar 1:5 (1-Cement : 5-coarse sand) finished with a floating coat of neat cement and making channels in cement concrete 1:2:4 mix (1-Cement :2-Coarse sand :4-stone aggregate 20mm nominal size) finished smooth complete including curing and festing (i) Inside size 900mm x 1200mm and 1.5M. deep including C.I. cover with frame size 560mm diameter total weight of cover and frame to be not less than 128 kgs. (Wt. of cover 64 Kg. and Wt. of frame 64 Kg.)(A) With 230mm thick walls of brick msonry using brick having crushing strength not less than 35Kg. / Sq.cm. in Cement Mortar 1:5 (1- Cement: 5-Coarse sand) (2) B type depth 1.50 Metre for 150mm diameter sewer.	0.00	19349.63	Each	0.00
84	Providing and fixing cast iron steps of size 500mm x 150mm x 22.5mm and painting with two coats of Anti-corrosive paint etc. complete.	2.00	207.66	Each	415.00
85	Supplying and fixing C.I. cover 300mm x 300mm without frame for Gulley trap (Standard pattern) te weight of cover to be not less 4.53 Kg.) .	1.00	497.14	Each	497.00
86	Providing and erecting at the site of work steel ventilating column of 150m internal diameter and 12.20 Metre High from G.L. to bottom of top grill including C.I. grill and base plate bolts and nuts etc. and excavation in foundation of size 120cm. x 120vc. x 165cm. and filling the pit with first layer of cement concrete 1:3:6 mix (1-cement :3-coarse sand :6-graded stone aggregate 20mm nominal size) of 120cm. x 120cm. x 90cm. and remaining pit with B.B.C. 1:3:6 mix (1-cement :3-coarse sand:6-Brickbats 40+50mm size) and providing fillet in Cement concrete 1:2:4 mix (1-cement :2- coarse sand :4-graded stone aggregate 20mm. nominal size) at G.L. and 3 coats of silver paint etc. complete. .	0.00	50249.55	Each	0.00
87	Constructing Brick masonry road gully chamber 500mm x 450mm x 600mm including 500mm x 450mm C.I. horizontal grating wih frame complete. .	3.00	2017.19	Each	6052.00

88	Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with bricks having crushing strength not less than 35Kg. Cm ² in C.M. 1:5 C.I. cover with frame (Light duty) 455mm x 610mm internal dimensions total weight of cover with frame to be not less than 38Kg. (Wt. of cover 23 Kg.) 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.(iii) Inside dimensions 600mm x 850mm and 450mm deep for pipe lines with three or more inlets.	1.00	7180.44	Each	7180.00
89	(B) Providing sock pit of 5.00 Cu.M. Volume including excavating and filling brickbats with dry masonry work at top for 45cm. height including covering the top with stone including providing vatas in C.M. 1:3 with finishing curing etc. complete as directed. .	2.00	3205.04	Each	6410.00
90	Providing and laying Granite slab (18 mm thick) one side polished flooring over 20 mm (average) base of cement mortar 1:6 (1 cement : 6 coarse sand) and jointed with grey cement slurry including Moulding, Rubbing and polishing complete.	3.00	2694.68	Sqmt	8084.00
91	Providing and laying polished Granite Slab 18mm thick in Risers of steps Dedo, window sill, jambs and pillars laid 10mm thick Cement Mortar 1:4 (1-Cement : 4-Coarse Sand) and jointed with Grey Cement Slurry including full molded round front edges , rubbing and polishing etc. complete.	5.00	3111.81	Sqmt	15559.00
92	Providing erecting and fixing double coated Syntex PVC. (ISI) water tank of required capacity each with all necessary fittings and connection etc. complete on terrace.	500.00	3.95	Ltr	1975.00
93	Applying general insecticide pest control treatment to floors, cupboards etc including labour material etc. complete. Using Heptachloride 20 EC. As Per 6113_pests Concentration Weight 0.50 percent is recommended one litre chemical emulsion dilute with 39 liter of water will give. Total dilute concentration will be 40 litre inclusive of one litre chemical emulsion application 0.5 Litre chemical / Sqm of surface is recommended as per I.S	32.00	91.63	M2	2932.00
				Rs.	532109.00

RAPAR NAGARPALIKA

Rapar Nagarpalika Campus Parking Shed and Retaing RCC Wall

Schedule-B

IT. No.	QTY.	DESCRIPTION OF ITEM	Rate	UNIT.	AMOUNT.
(1)	(2)	(3)		(4)	(8)
1	3.60	Demolition including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift. (i) R.C.C. work	1082.35	Cmt.	3896.46
2	10.80	Providing and laying controlled cement concrete M.250 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (B) Walls, from top of foundation level upto floor two level	5844.24	Cmt.	63117.78
3	5.00	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(C) Hard Murrum disposal of unserviceable materials with all lead and lift. (i) R.C.C. work	432.62	Cmt.	2163.10
4	12.27	Providing and laying cement concrete 1:4:8 (1- Cement : 4 coarse sand : 8- hand broken stone aggregates 40 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth	2769.70	Cmt.	33984.22
5	1.22	Providing and laying controlled cement concrete M.250 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (A) Foundations, footings, Base of columns and Mass concrete.	5844.24	Cmt.	7129.97
6	1063.50	Providing TMT Bar FE 500D reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level	77.29	Kg	82197.92
7	80.00	Providing 20 mm thick double coat mala cement plaster on interior brick / concrete work for plastering comprising of base coat of 12 mm thick cement plaster in cement mortar (1 Cement : 4 coarse sand) in rough finishing and 8 mm thick top coat of cement mortar 1:2 (1 Cement : 2 Coarse sand) finished with trovel including scaffolding curing etc. complete.	283.96	Smt	22716.80
8	44.10	Steel work, welded in built up sections framed work including cutting, hoisting, fixing in position and applying a priming coat of red lead paint. (A)In beams and joists, channels angles Tees, flats, with connecting plates or angle cleats as in main and cross beams. Hip and jack rafters, purlins conneted to common rafters and the like completed As per Site Engineer in Charge.	9108.49	Q	401684.41

IT. No.	QTY.	DESCRIPTION OF ITEM	Rate	UNIT.	AMOUNT.
(1)	(2)	(3)		(4)	(8)
9	120.00	Providing Corrugated G.S. Sheet roofing including Vertical/Curved Surface fixde with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I limpet washers or with G.I limpet washers filled with white lead and including a coat of approved steel primer and two coats of Approved paint on over lapping of sheets completed up to any pitch in horizontal Vertical or Cutved surface excluding the coat of Purlins ,Raffter and Trusses and Including cutting to Size and Shape Wherever required. (A) 0.80mm Thick with Zinc Coating not less than 275gm/m2	959.50	Smt.	115140.00
10	24.00	Box cutting the road surface to proper slope and camber for making a base for road work including removing the excavated stuff and depositing on the road side slope as directed upto 50Mt.lead.	215.62	Cu.M t	5174.88
11	120.00	Providing and fixing pre-cast Rubber Dye / steel Dye inter locking concrete block 60mm thick with grade of concrete M300 pnumatic 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 guidlines of IRC : SP 63-2018 etc. Complete.	706.32	Sqmt	84758.40
12	1.00	Providing and laying cement concrete 1:3:6 (1- Cement : 3- Coarse sand : 6- Graded brick bat aggregate 40mm normalsize) and curing complete excluding cost of formwork in (A) Foundation and Plinth	3025.99	Cu.M t	3025.99
13	32.00	Providing and fixing pre-cast concrete kerb stone of gray cement based concrete block 30cm length,30cm height and 15cm thick of M250 grade concret as per approved design and including excavation for fixing in proper line and level,filling the joint with C:M 1:3 (1cement:3fine sand) etc complete.	374.92	Rmtr	11997.44
			Say Rs.		836987.37

RAPAR NAGARPALIKA, RAPAR

Name Of Work :- Development of Dabhunda Circle at Rapar Nagarpalika

Schedule-B

It. No	Discription	Unit	Qty	Rate	Amount
1	Dismantling tiled of stone floors laid in mortar including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.	Sq .mt	27.32	49.12	1341.76
2	Demolition of Brick work and stone masonry including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.(ii) In Cement Mortar.	Cum	1.88	562.89	1060.49
3	Demolition including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift. (i) R.C.C. work.	Cum	4.00	1082.35	4330.47
4	Excavation for foundation upto 1.5 m depth includingsorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil SOR It no 04001A	Cum	26.45	122.94	3252.03
5	Providing and laying cement concrete 1:3:6 (1 cement : 3-coarse sand : 6-Machine cut stone aggregate 40mm nominal size) and curring complete including cost of formwork in (a) Foundation and RA	Cum	2.63	3126.20	8224.66
6	Filling available excavated earth (excluding rock) in trenches. plinth, sides of foundations etc. in layers not exceeding 20 cm. in depth consolidating each disposed layer by ramming and watering. SOR Sr no 04006	Cum	5.33	136.92	729.20
7	Filling in foundation and plinth with murrum or selected soil in layers of 20cm. thickness including watering, ramming and consolidating etc. completed.SOR It no 04008A	Cum	18.52	269.75	4994.96
8	Providing & Laying controlled cement concrete M-250 and curing complete including the cost of formwork but excluding the cost of reinforcement for reinforced concrete work in (A) Foundation footing base of column and mass concrete	Cum	5.22	7064.95	36856.15
9	Providing laying Controlled cement concrete M-250 and curing complete including the cost of form work and excluding cost of reinforcement for reinforced concrete work in : RCC Column up to Plinth Lvl	m3	0.62	4763.79	2947.59
10	Providing laying Controlled cement concrete M-250 and curing complete including the cost of form work and excluding cost of reinforcement for reinforced concrete work in : RCC Columns for Ground Floor RA	m3	1.97	8755.63	17237.65

11	Providing and laying controlled cement concrete M.250 and curing complete Including the cost of formwork but excluding reinforcement for reinforced concrete work in RCC Wall RA	Cum	12.66	8785.99	111234.85
12	Providing & Laying controlled cement concrete M-250 and curing complete Including the cost of formwork but excluding the cost of reinforcement for reinforced concrete work in Slab (C) Slabs, Landings, Shelves, Balconies, Lintel, Beams, Girders and Cantilever upto floor two level G.F	Cum	0.60	5212.61	3127.57
13	Providing TMT Bar FE-500D reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level G.F.	Kg	3950.48	77.29	305313.81
14	20 MM thick sand faced cement plaster on walls upto height 10meters above ground level consisting of 12 MM thick backing coat of Cement Mortar 1:3 (1-Cement : 3- Sand) and 8MM thick finishing coat of Cement Mortar 1:1 (1-Cement : 1-Sand) etc complete	Sqm	23.73	315.69	7491.22
15	Providing laying and jointing in true line and level 50mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials. SOR Sr no 23065	m	30.00	195.67	5870.02
16	Providing and laying Granite slab (18mm thick) slab flooring over 20mm (Average) thick base of cement mortar 1:6 (1- cement : 6-Coarse sand) or L.M. 1:1.5 laid over and jointed with grey cement slurry including rubbing and polishing complete (Basic Granite rate shall be 250/Sft) (A) Granite slab 18mm thick	Sqm	4.00	2460.39	9841.56
17	Providing, Supplying and Fixing of Lotus Leafs as per Given Detailed Drawings for Leafs. Leafs material are G.I. pipe and having Grade of "C-Class" with Propoer Moldeling, Welding and Fixing at Site with Transportation from Factory to Site and all Complete as per given Instructions of Engineer-in-charge or Architect.	Kg	4487.31	188.87	847518.01
18	Providing and fixing M.S. grills of required pattern to wooden frames of windows etc. with M.S. flats at required spacings and frame alround, square or round bars with round headed bolts and nuts or by screws. (B) ORNAMENTAL GRILL	Kg	753.60	162.86	122733.18

19	Finishing wall with weather proof exterior emulsion paint on wall surface (Two coats) to give an required shape even shade after thoroguhly brushing the surface to remove all dirt, and remains of loose powdered materials etc complete	m2	23.73	120.26	2853.79
20	Applying priming coat over new steel and other metel surface after and including preparing the surface by throughly cleaning, oil,grease, dirt and other foreign matter and scoured with brushes fine steel wood, scrapers and sand paper with ready mixed priming paint brushing red lead. SOR Sr no 19001	Sqm	26.38	36.42	960.63
21	Painting two coats (exclusing priming coat) on new steel and other metal surface with enamel paint, brushing, interior to give an even shade including cleaning the surface an even shade including cleanicn the surface of all dirt, dust and other foreign matter SOR Sr no 19002	Sqm	26.38	92.20	2431.94
					1499009.79