

THE AGRICULTURAL PRODUCE MARKET COMMITTEE- RAJULA
DIST :- AMRELI
SCHEME :- DMF (DISTRICT MINERAL FOUNDATIONS) GRANT

**NAME OF WORK : PROVIDING, SUPPLYING AND INSTALLING 100 TONNE CAPACITY FULLY COMPUTERISED
PITLESS WEIGH BRIDGE AND CONSTRUCTION WORK OF FOUNDATION AND WEIGH BRIDGE OFFICE**

Location : R.S.No. 110/1 and 110/2, Savarkundala - Rajula Road, New APMC Campus, Rajula, Tal. Rajula,

SCHEDULE - B3

I. No.	Item Description	Qty.	Rate	Per	Amount
Part 1 Supplying, Installation of Weigh Bridge and Foundation work					
1	Excavation for foundation up to 1.5 mt. depth including sorting out and stacking of useful materials and disposing of the excavated stuff up to 50 Meter lead. (B) Dense or Hard soil.				
		71.03	157.16	Cumt.	11163.07
2	Providing and laying cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 Hand broken stone aggregate 40mm nominal size) and curing complete excluding cost of formwork in (a) Foundation and plinth.				
		8.82	3095.25	Cumt.	27300.11
3	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.				
		11.53	4318.00	Cumt.	49786.54
4	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 (B)Independent piers, columns, and pillars, upto floor two level.				
		3.24	7674.15	Cumt.	24864.25
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.				
		3.85	6725.67	Cumt.	25893.83
6	Filling available excavated earth, (Excluding rock in trenches plinth, sides of foundation etc.) in layer not exceeding 20 cm, in depth consolidating each deposited layer by ramming and watering.				
		47.77	136.92	Cumt.	6540.67
7	Providing TMT Bar FE 500/500D reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level.				
		1544.49	77.29	Kg.	119373.63

I. No.	Item Description	Qty.	Rate	Per	Amount
8	Providing and laying in position Ready Mixed M-200 grade concrete for reinforced cement concrete work , using cement content as per approved Design Mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering shuttering finishing and reinforcement including cost of 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 the Engineer - in - charge. Without Fly Ash (Min cement level as per latest IS 456 shall be maintained) (Cement level 400 kg).				
		5.76	5024.79	Cumt.	28942.79
9	SITC of 100MT capacity fully Automatic Pitless weigh bridge with testing etc. complete.				
		1.00	1472580.00	No.	1472580.00
Part 2 Construction work of weigh bridge office					
10	Excavation for foundation up to 1.5 mt. depth including sorting out and stacking of useful materials and disposing of the excavated stuff up to 50 Meter lead. (B) Dense or Hard soil.				
		59.22	157.16	Cumt.	9307.02
11	Providing and laying cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 Hand broken stone aggregate 40mm nominal size) and curing complete excluding cost of formwork in (a) Foundation and plinth.				
		3.19	3095.25	Cumt.	9873.85
12	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.				
		13.64	4318.00	Cumt.	58897.52
13	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 (B)Independent piers, columns, and pillars, upto floor two level.				
		6.21	7674.15	Cumt.	47656.47
14	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.				
		10.77	6725.67	Cumt.	72435.47

I. No.	Item Description	Qty.	Rate	Per	Amount
15	Filling available excavated earth, (Excluding rock in trenches plinth, sides of foundation etc.) in layer not exceeding 20 cm, in depth consolidating each deposited layer by ramming and watering.				
		45.13	136.92	Cumt.	6179.20
16	Filling in plinth with sand under floors including watering ramming, consoildating and dressing etc. complete.				
		54.71	481.80	Cumt.	26359.28
17	Providing and Laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- 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 (iii) Slabs having more than 10 cm and upto 13 cm. thickness.				
		9.20	6888.15	Cumt.	63370.98
18	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.				
		0.60	6725.67	Cumt.	4035.40
19	Providing and laying cement concrete 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) for reinforced concrete Chhajjas not exceeding 10cm. thickness upto floor two level including finishing the exposed surfaces with cement mortar 1:3 (1- cement, 3 Fine sand) to give a smooth and even surface centering and formwork and curing complete excluding cost of reinforcement.				
		0.70	6693.29	Cumt.	4685.30
20	Providing TMT Bar FE 500/500D reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level.				
		3636.89	77.29	Kg.	281095.23
21	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 1:5. (1- Cement : 5 -fine sand)(B) Conventional				
		40.20	4245.09	Cumt.	170652.62
22	(i) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:4 (1- Cement : 4 -coarse sand) in foundation and plinth (B) Conventional				
		13.40	629.84	Sqmt.	8439.86
23	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)				
		172.10	195.42	Sqmt.	33631.78

I. No.	Item Description	Qty.	Rate	Per	Amount
24	20mm thick sand faced cement plaster on walls up to height 10 mtrs. 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 with interior plastering above floor two level for every additional storey hight (2) Two coat plaster				
		255.10	342.41	Sqmt.	87348.79
25	Providing throating or plaster drip and moulding to R.C.C. Chhaja & Elevation Wall				
		28.80	43.05	Rmt.	1239.84
26	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 dismantling of existing flooring and jointed with color cement slurry including finised with flush pointing & cleaning the surface etc. complete for light shade				
		44.20	1264.41	Sqmt.	55886.92
27	Providing and laying Graanite stone slab flooring over 20mm (average)base of cement mortar 1:6 (1-cement : 6 coarse sand) or L.M. 1:1.5(1- lime putty : 1.5 - coarse sand) laid and jointed with gray cement slurry including rubbing and polishing complete. (A) Grenite slab 25mm thick				
		22.60	3264.32	Sqmt.	73773.63
28	Providing and laying coloured glazed tiles of the size 300 mm x 200 mm x 8 mm / 300 mm x 450 mm x 8 mm in skirting, risers of steps and dedo on 10 mm. thick cement plaster 1:3 (1 cement : 3 coarse sand) & jointed with white cement slurry.				
		24.30	1488.24	Sqmt.	36164.23
29	Providing and laying broken chine 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.				
		56.90	779.70	Sqmt.	44364.93
30	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 12 cm x 7 cm. size including anodized alluminium fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (ii) Fully Panelled.				
		11.90	5533.68	Sqmt.	65850.79

I. No.	Item Description	Qty.	Rate	Per	Amount
31	Providing and fixing window having extruded aluminum Colour anodized section frame main outer size 95mm x 24mm x 1.17mm (of Jindal Section no:2459 @ wt.of 0.738 Kg/mt), horizontal Three track member size 92mm x 31.75mm x 1.30mm (of Jindal Section no:8688,@ Wt.1.07 Kg/mt), vertical member of size 92mm x 31.75mm x 1.50mm (of Jindal Section no:8933,@ Wt. 1.06 Kg/mt) with sliding shutters of horizontal member size 40 mmx18mm x1.29mm (of Jindal Section no:8947@ wt.of 0.456 Kg/mt), vertical member of size 40mm x 18mm x 1.29 mm (of Jindal Section no:8949 @ wt.of 0.456Kg/mt/ with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc.				
		24.40	1583.95	Sqmt.	38648.38
32	Providing and fixing glazed louvered glass windows and ventilators with teak wood frame 10cm. x 7cm. size including 3 coats of oil painting to wood work etc.complete.				
		0.40	4202.12	Sqmt.	1680.85
33	Providing & fixing M.S. grills of required pattern to wooden frames of windows etc. with M.S. flats at required spacing and frame all-round square or round bars with round headed bolts and nuts or by screws. (A) Plain grill				
		556.90	106.23	Kg.	59159.49
34	Applying priming coat over new steel and other metal surface after and including preparing the surface by thoroughly 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.				
		35.30	36.74	Sqmt.	1296.92
35	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.				
		35.30	92.20	Sqmt.	3254.66
36	Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on wall surfaces to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth.				
		172.10	82.85	Sqmt.	14258.49
37	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				
		255.10	120.26	Sqmt.	30678.33

I. No.	Item Description	Qty.	Rate	Per	Amount
38	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.				
		2000.00	3.95	Lit.	7900.00
39	Providing and fixing G.I. Rain water spout of 50mm dia. and 30cm. length.				
		5.00	101.09	Each	505.45
40	Point wiring for Light / Bell with 2-1.5 sq.mm & earth wire of 1.5 sq.mm (Green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multi strand copper wires up to 10 mtr length , in below type of pipe erected with 6A Modular type switch / bell push & accessories and earth continuity of following type, erected on PVC / Metallic/Wooden box, single mounting base frame covered with textured/metallic/white front plate modules erected on / in wall / ceiling as per pipe erected, with necessary Lamp holder/ceiling rose / H.D.Connector as directed. (f) with medium class Rigid PVC pipe and accessories erected concealed in wall/ceiling complete Cat. III				
		37.00	485.81	Pt.	17974.97
41	Point wiring for FAN with 2-1.5 sq.mm & earth wire of 1.5 sq.mm (Green) both are of .ISI marked 1.1 KV Grade FRLS PVC insulated multi strand copper wires up to 10 mtr length, in below type of pipe erected with 6A Modular type switch and hum free EME step type electronic fan regulator mounted and accessories with earth continuity of following type erected on PVC / Metallic/Wooden box, single mounting base frame covered with textured/metallic/white front plate modules erected on / in wall / ceiling as per pipe erected. with necessary ceiling rose / H.D.Connector as directed. (f) with medium class Rigid PVC pipe and accessories erected concealed in wall/ceiling complete Cat. III				
		6.00	674.68	No.	4048.08
42	Providing & erecting Approved make Ceiling Fan with double ball bearing ISI mark with Condenser 230 volt A.C.50 Hz 1200 mm sweep complete having 3 blades aluminium body and blade sets having ornamental design shanks , canopy erected with earthing. [Make shall be approved by Engineer in Charge]				
		6.00	2311.89	No.	13871.34
43	Supplying & erecting XLPE(IS:7098)(I)-88 ISI unarmoured copper cable 1.1 KV grade to be erected as directed of following size. (E) 3 core 2.5 Sq. mm For AC				
		30.00	137.36	Rmt.	4120.80

I. No.	Item Description	Qty.	Rate	Per	Amount
44	Supplying and erecting LED indoor fittings with LEDs of wattage 0.2 Watt to 0.5 Watt assembled on single MCPCB, with housing used as a heat sink shall be made of thick sheet Steel conforming to IS: 513/CRCA/aluminium pressure die cast powder coated and high U.V. & corrosion resistance with diffuser housed in aluminium casted body with company mark/name 160V to 270V, Power Factor more than 0.95, THD < 15 %, CCT 3000 K to 6500K, Luminaire efficacy > 85 lumens/watt , LED driver efficiency > 85 % (fitting required LM-79 & LM-80 Certificates)(NOTE: Below description have shown ranges of Wattage capacity of LED fittings.The Engineer incharge may select any wattage capacity between the ranges shown.) (A) Square/ Circular shaped Surface/Recessed Mount Downlight with provision for spring loaded mounting clips complete.IP20 (iii) 16-20 watts, Surge-2 KV Cat-III				
		37.00	589.84	No.	21824.08
45	Providing following type of Modular Type Accessories mounted with PVC / metallic/Wooden box, single mounting base frame covered with textured / metallic/white front plate , modules erected with necessary connections as per site situation directed by Engineer In charge.(7) Blank Plate Single,Cat.III				
		10.00	25.25	No.	252.50
46	providing and erecting Miniature circuit breaker single pole 6A to 25A suitable to operate on 240 V A.C. system and having breaking capacity 10 KA to be erected in existing box. confirming to IS 8828/1996 with ISI Mark , Cat.III				
		10.00	112.11	Each	1121.10
47	Providing and erecting Sheet Steel powder coated MCB distribution board - flush / surface mounted fitted with busbar, neutral link, earth bar and DIN rail, Conforms to IS 8623-1 & 3, IEC 61439-1 & 3 without MCB to house appropriate nos. of MCBs.(The DBs should be used of same company of MCB to be used) suitable for (B) three phase incoming and single phase horizontal type outgoing Per phase isolation type (PPI) (b) sheet steel double door,(ii)6 way				
		2.00	2913.85	Each	5827.70

I. No.	Item Description	Qty.	Rate	Per	Amount
48	Supplying & erecting in earthpit of minimum bore dia. 225mm size approved make Safe Earthing Electrode consisting Pipe-in-Pipe Technology as per IS 3043-1987 made of corrosion free hot dipped G.I.Pipes having Outer pipe dia of 80 mm having 80-200 Micron galvanising, Inner pipe dia of 40 mm having 200-250 Micron galvanising, connection terminal dia of 14 mm with constant ohmic value surrounded by highly conductive compound with high charge dissipation suitable for following type of applications with chamber and heavy duty cover.(approved make OEM has to submit test certificate including value of earth resistance of installation.(a) For Electrical Installation up to 440V in normal soil Length of pipe - 1 Mtr Back filling compound - 1 Nos Bag of 15 Kg.				
		2.00	4636.91	Each	9273.82
49	Plumbing & Sanitary fitting : All the Plumbing work carried out consealed as per drawing given by consultant. All pipe using Astral only, Draing pipe using Dutron / Ashirwad / Sumreme only, All bath accessories using Ganga / Plumber only, all sanitary ware using Sonet / Hindware / Cera / Somany only. making required manhole chamber with frame and cover etc all required work with materials using after approval by consultant. All the work carried out as per drawings and directed by consultant.				
		1.00	50500.00	Job.	50500.00
Total Amount Rs..					3213890.94
Roundup Amount Rs..					3213891.00

NOTE: Rate given in Price schedule are excluding GST. Contractor shall have quote the tender without GST. GST

Stamp with Signature of Contractor

Cons. Engineer
Vanraj K. Patel
Neha Consultancy (PMC)

Secretary
APMC - RAJULA
Rajula

Chairman
APMC - RAJULA
Rajula