

Name of work:- Construction of Flexible Pavement roads, Area Grading work, Box Culvert and Entrance Gate at Spinning Mill at Hansalpur Industrial Estate Ta. Himatnagar and Dist Sabarkantha with free maintenance guarantee period of 5 years .

Schedule-B

PART - ROAD WORK

1	Clearing and grubbing of road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300 mm removal of stumps of trees cut earlier and disposal of unserviceable materials. (C) By Mechanical means in area of light Jungle.	13.81	Hec.	28455.09	392964.79
2	Earthwork in cutting including preparing the slope and camber and stacking or utilising the cutting stuff in bank as directed upto 200 Meters from the end of cutting with all lead and lift.	65418.28	Cum.	310.99	20344430.12
3	Earthwork for embankment including breaking clods, dressing with all lead and lift (excluding watering and consolidation) From Borrow area within 3.0 Km. lead	6553	Cum.	169.28	1109291.84
4	Earthwork for embankment including breaking clods, dressing with all lead and lift and including watering rolling and consolidation of subgrade in layers at O.M.C. to required dry density including filling the depression which occur during the process using power roller 8T to 10T.(A) From Borrow pits within land width	2315	Cum.	160.14	370724.10
5	Rolling and consolidation of soling including filling in depression which occur during the process, with power roller 8 tonne to 12 tonne.	14980	Sqm.	22.75	340795.00
6	Graded Granular sub base (GSB) Providing & laying of compacted thickness of 200 mm Closed Graded Granular sub base (GSB) in Two equal layers (each layer should be less than 200 mm) of graded granular material consisting of river sand, gravel, pabbles and crushed stone aggregate, shingle as per grading - V given in table 400-1 of the specification MORT&H and compactor to the required density with 8 - 10 tonne vibratory roller with plain drum or heavy pneumatic tyred roller of minimum 200 to 300 KN weight in all seasons as per MORT&H, maintaining the required slope & grade during the operation as approved by the engineer in charge & watering to the proper moisture content and sprinkled with the help of truck mounted water tank fitted with suitable arrangement. (fully saturated having CBR value minimum 30)	2983	Cum.	1540.93	4596594.19
7	Wet Mix Macadam (WMM) Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam in compacted thickness of 250mm specification including trimix the materials with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site laying in uniform layers (Layer should not be more than 200 mm) with paver in sub base/base course on well prepared surface and camber with Sensor paver consolidation by vibratory road roller to achieve the desired density by using machine crushed chips as per required gradation mixing with required optimum quantity of water incl material, labour, plant and machinery and equipment etc. complete.	3150	Cum.	1917.22	6039243.00
8	Providing and applying primer coat with bitumen emulsion SS1 on prepared surface of granular Base including clearing of road surface and spraying primer at the rate of 0.85 kg/sqm using mechanical means.	10795	Sqm.	82.07	885945.65
9	DBM Providing & laying compacted 60 mm thick dense graded bituminous macadam (DBM) Grade-II in Single layer using 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour, tack coat at the rate of 2.5 kg / 10 m ² (VG10) in each using crushed aggregates of specified grading . premixed with bituminous binder @ 4.5% (VG - 40) by weight of total mix and filler , transporting the hot mix to work site laying with a hydrostatic paver finisher with sensor control with minimum road width or as directed by Engineer in charge to the required grade, level and alignment, rolling with smooth wheeled vibratory and tandem rollers to achieve the desired compaction as per MORT&H specification etc complete in all respects. The agency shall have to get the mix design done from approved laboratory and submit to the Engineer in charge for approval. If the asphalt (bituminous) content is more than above, the agency shall have to bear the cost of additional asphalt. The payment shall be done on the permissible field density achieved on the site instead of density derived in the mix design. (The density obtained by mix design above 2.31 MT/M ³ shall be borne by agency)	1528.48	MT	3606.53	5512508.97

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10	BC Providing and laying 40 mm Thick Bituminous Concrete using crushed stone aggregate BT chips as per required gradation and using emulsion asphalt as a tack coat @ 2.5 kg / 10 sq.m (VG 10) and the VG-40 grade asphalt at 5.40 % by total weight of mix hot laid process using 100-120 TPH batch type hot mix plant producing an average output of 75 tonnes per hour incl. transporting the mix and laying by hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desired compaction as per MoRT&H specifications clause 509 complete including cost of material labour machinery equipment and fuel, oil. Lubricant for plant and machinery using contractor's own plant and machinanes etc complete. The agency shall have to get the mix design done from approved laboratory and submit to the Engineer in charge for approval. If the asphalt (bituminous) content is more than above, the agency shall have to bear the cost of additional asphalt. The payment shall be done on the permissible field density achieved on the site instead of density derieved in the mix design. (The density obtained by mix design above 2.36 MT/M3 shall be boarn by agency)	1080.98	MT	4454.28	4814987.59
11	Providing and applying Asphalt painting with bitumen of VG 40grade on bitumenous surface including clearing of road surface and spraying Bitumen at the rate of 0.60 kg/sqm using mechanical means.	10795	M2	41.77	450907.15
12	Road marking with hot applied thermoplastic paints with reflectorising glass beads on bitumin surface providing and laying a hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250gms per sqm area, thickness of 2.5mm is excluding of surface applied glass beds as per IRC:35-2015. The finished surface to be level, uniform and free from streaks and holes. zebra patta /bump patta lane/center line/ edge line/cut patta. The white color marking should provide liminance coefficinets on cemend road shall be min 130 mcd/m2/lux and Asphalt road shall be min 100 mcd/m2/lux during the service life during the day time. The marking should meet the performance criteria for night time reflectivity, wet reflectivity and skid resistance as mentioned in the section-15 of IRC 35-2015. Warranty for the Retro reflectivity should be two years.	615	M2	367.72	226147.80
13	Cateyes Road Stud : Supplying of molded twin shakes raised pavement markers made of polycarbonate and ABS moulded body and reflective panels with micro prismatic lens [no glass bead lens] capable of providing total internal reflection of the light entering the lens face and shall support a load of 13635 kgs. tested in accordance to ASTM D 4280 type H and complying to specifications of category A of MORTH circular No. RW.NH/33023/10-97 - do III dt. 11.06.1997. The height, width and length shall not exceed 20 mm, 130 mm and with minimum reflective area of 13 sqm on each side and the slope to the base shall be 35+/- 5 degree. The strength of detachment of the integarted cylindrical shanks, [of diameter not less than 19 +/- 2 mm and height not less than 30+/- mm] from the body is to be a minimum value of 500 kgf. Fixing will be by drilling holes on the road for the shanks to go inside, without nails and using epoxy resin based adhesive as per manufacture's recommendation and the colour of the marker should be as per the IRC 35 2015 and as directed by Engineer in	1018	Nos.	326.23	332102.14
14	Type - A, "W" : Metal Beam Crash Barrier (Providing and erecting a "W" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 70 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m centre to centre, 1.8 m high, 1.1 m below ground/road level, all steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm, 330 mm long complete as per clause Type - A, "W" : Metal Beam Crash Barrier (Providing and erecting a "W" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 70 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m centre to centre, 1.8 m high, 1.1 m below ground/road level, all steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm, 330 mm long complete as per clause 811)	108	Rmt	3468.34	374580.72

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15	Direction sign (Junction board):-Providing and fixing sing boards made out of 2mm aluminium sheet; size 244 x 122cms. rectangle as as per the design of IRC-67-1977 pre treated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; Letters and numerals should be as per IRC-30-1968, 3.1m long (2 nos) stand post and frame fabricated from suitable size iron angle of 50 x 50 x 5mm 75x75x6mm as required; painted with best quality epoxy coatings in black and white bends. the details of symbol or inscription / numerals for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60cms. for each leg. including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade(VR)... For DD plan	1	Nos.	14831.71	14831.71
16	Distance Informatory/ Destubatuib sign :Providing and fixing sing boards made out of 2mm aluminium sheet; size 180 x 120cms. rectangle as as per the design of IRC-67-1977 pre treated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; Letters and numerals should be as per IRC-30-1968, 3.1m long (2 nos) stand post and frame fabricated from suitable size iron angle of 50 x 50 x 5mm 75 x 75 x 6mm as required; painted with best quality epoxy coatings in black and white bends. the details of symbol or inscription / numerals for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60cms. for each leg. including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade(VR)...	15	Nos.	10926.57	163898.55
17	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.	240	Rmt	404.05	96972.00
18	Painting lines, deashes, arrows, letters etc on roads, Air fields and like in two coats with road marking paint, brushing including cleaning the surface of all dirt, dust and other foreign matter. (i) Over 10cm in width	550	M2	130.08	71544.00
19	Filling in foundation and plinth with murrum or selected soil in layers of 20cm. thickness including watering, ramming and consolidating etc. complete.	7.2	Cum.	294.38	2119.54
20	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.	64	Cum.	260.57	16676.48
21	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP4 of following internal diameter. (i) 300 mm dia.	290	Rmt	1053.39	305483.10
22	Filling available excavated earth in trenches, plinth, sides of foundations etc. layers not exceeding 20 cm. in depth consolidating each deposited layer by ramming and watering.	277	Cum.	136.92	37926.84
23	Rolling and consolidation using vibratory road roller 8 - 10 tonne capacity (incl. watering)(A) Earth work (layer not exceeding 200mm thickness)	55477.85	Cum.	33.09	1835762.09
24	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	3296.00	Cumt.	268.21	884005.33
25	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead. (D) Soft rock not requiring Blasting	295.00	Cumt.	300.80	88735.47
26	Uncoursed Rubble Masonry with hard stone of approved quality in foundations and plinth in Cement Mortar 1:6 (1-cement : 6-coarse sand including levelling up etc. complete	216.00	Cumt.	2586.61	558707.76
27	Providing and laying controlled cement concrete M:150 for curing complete excluding cost of formwork and reinforcement for Cement concrete work in [A] Foundations, footings, Base of Columns and Mass Concrete [More than 10 Ton].	564.00	Cumt.	4251.42	2397802.74

Schedule-B

28	Design, Manufacturing & Supplying factory-made RCC (wet cast) Precast Box Culvert (JIS) category for use in Road Crossing, stormwater drainage, cable trenching, or utility ducts, manufactured by FUJI Silvertch / FIT / Alcock, having dimensions of Width x Depth (in mm) (In to In dimension) and with varies length, with a load-carrying capacity of 70R with minimum earth cushion 200mm for heavy vehicle movement. Box culvert shall have interlocking plug-socket arrangement. Rubber gasket required to ensure water-tight character and for jointing of each segment flange-bolt connection with 12 mm diameter, 50 mm length Grade-8.8 high tensile bolts with zinc coating and round washer or equivalent nut-bolt connection will be supplied as part of the Box culvert. Each drain shall have tie-shaped grooves (10–20 mm width and 25 mm depth) on both ends for proper joint alignment and secure placement. The drains shall be manufactured using minimum M-50/C-40 grade concrete duly steam cured for durability, OPC 53 Grade cement with admixtures as per IS:456-2000, and coarse and fine aggregates derived from natural sources. Reinforcement shall be with TMT/TMX bars of Fe 500D or higher, conforming to IS:1786, fabricated using in-house automated cage-making units for consistency. RO water shall be used during manufacturing to enhance durability. The factory shall be certified with ISO 9001 (Quality Management), ISO 14001 (Environmental Management) and ISO 45001 (Occupational Health & Safety) and The	16.00	RMT	56287.30	900596.80
29	1.5 x 1.4 -Box Culvert	84.00	RMT	30158.60	2533322.40
30	Unloading, handling, installation, alignment, jointing and grouting of precast concrete elements, including provision of all labour, equipment, lifting gear, temporary supports, and complete in accordance with drawings, specifications, and engineer's approval but including the cost all the building materials required for unloading, handling, installation, alignment and jointing. 2.0 x 2.0 -Box Culvert	16.00	Meter.	5635.80	90172.80
31	1.5 x 1.4 -Box Culvert	84.00	Meter.	3019.90	253671.60
32	Supplying factory-made RCC (wet cast) Precast U-shape drains of T-6 category for use in stormwater drainage, cable trenching, or utility ducts, manufactured by FUJI Silvertch / FIT / Alcock, having dimensions of Width x Depth (in mm) and a length of 2000 mm, with a load-carrying capacity of 4.8 Tonne Axle Load and 2.4 Tonne Wheel Load, suitable for pedestrian vehicular movement of longitudinal drain. Each drain shall have tie-shaped grooves (10–20 mm width and 25 mm depth) on both ends for proper joint alignment and secure placement. The drains shall be manufactured using minimum M-50/C40 grade concrete duly steam cured for durability, OPC 53 Grade cement with admixtures as per IS:456-2000, and coarse and fine aggregates derived from natural sources. Reinforcement shall be with TMT/TMX bars of Fe 500D or higher, conforming to IS:1786, fabricated using in-house automated cage-making units for consistency. RO water shall be used during manufacturing to enhance durability. The factory shall be certified with ISO 9001 (Quality Management), ISO 14001 (Environmental Management), and ISO 45001 (Occupational Health & Safety), and The precast factory should have its own NABL approved QA-QC laboratory within plant premises to ensure daily testing of precast products. MOU / Affidavit stating association with outside laboratory is not permitted. NABL certificate shall be in name of bidder. The precast units must comply with Indian and international standards (such as IIS, ASTM, or EII standards) and	422.00	Meter.	2727.00	1150794.00
33	600 mm X 600 mm (into in dimension from top)	618.00	Meter.	4171.30	2577863.40
34	750 mm X 750 mm (into in dimension from top)	622.00	Meter.	5746.90	3574571.80
35	900 mm X 900 mm (into in dimension from top)	248.00	Meter.	8312.30	2061450.40
36	Unloading, handling, installation, alignment, jointing and grouting of precast concrete elements, including provision of all labour, equipment, lifting gear, temporary supports, and complete in accordance with drawings, specifications, and engineer's approval but including the cost all the building materials required for unloading, handling, installation, alignment and jointing. 450 mm X 450 mm (into in dimension from top)	422.00	Meter.	323.20	136390.40
37	600 mm X 600 mm (into in dimension from top)	618.00	Meter.	434.30	268397.40
38	750 mm X 750 mm (into in dimension from top)	622.00	Meter.	575.70	358085.40
39	900 mm X 900 mm (into in dimension from top)	248.00	Meter.	848.40	210403.20

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40	Supplying factory-made RCC (wet cast) Precast U-shape drains of T-25 category for use in stormwater drainage, cable trenching, or utility ducts, manufactured by FUJI Silvertch / FIT / Alcock, having dimensions of Width x Depth (in mm) and a length of 2000 mm, with a load-carrying capacity of 10 Tonne Axle Load and 5 Tonne Wheel Load, suitable for heavy vehicular movement of longitudinal drain. Each drain shall have tie-shaped grooves (10–20 mm width and 25 mm depth) on both ends for proper joint alignment and secure placement. The drains shall be manufactured using minimum M-50/C40 grade concrete duly steam cured for durability, OPC 53 Grade cement with admixtures as per IS:456-2000, and coarse and fine aggregates derived from natural sources. Reinforcement shall be with TMT/TMX bars of Fe 500D or higher, conforming to IS:1786, fabricated using in-house automated cage-making units for consistency. RO water shall be used during manufacturing to enhance durability. The factory shall be certified with ISO 9001 (Quality Management), ISO 14001 (Environmental Management), and ISO 45001 (Occupational Health & Safety), and The precast factory should have its own NABL approved QA-QC laboratory within plant premises to ensure daily testing of precast products. MOU / Affidavit stating association with outside laboratory is not permitted. NABL certificate shall be in name of bidder. The precast units must comply with Indian and international standards (such as IIS ASTM or EII standards) and	240.00	Meter.	13503.70	3240888.00
41	Unloading, handling, installation, alignment, jointing and grouting of precast concrete elements, including provision of all labour, equipment, lifting gear, temporary supports, and complete in accordance with drawings, specifications, and engineer's approval but including the cost all the building materials required for unloading, handling, installation, alignment and jointing.1200 mm X 1200 mm (into in dimension from top)	240.00	Meter.	1363.50	327240.00
42	Supplying factory-made RCC (wet cast) Precast Chamber for use in stormwater drainage, manufactured by FUJI Silvertch / FIT / Alcock,with a load-carrying capacity of 10 Tonne Axle Load and 5 Tonne Wheel Load, suitable for heavy vehicular movement. The contractor shall prepare and provide the base with PCC/Foundation concrete as a levelling course based on drawings or consultant recommendations as per foundation strata. The chamber shall include specially designed in-built lifting inserts for safe and fast mechanical installation using Eye Bolt, with required openings to be made at site (not at factory) on the waffle side for utility connections as per actual site needs. Under no circumstances shall site casting be allowed; all units must be produced in a controlled factory environment adhering to an approved QAP. The drains shall be manufactured using high-performance self-compacting concrete minimum M-50/C40 grade concrete duly steam cured for durability, OPC 53 Grade cement with admixtures as per IS:456-2000, and coarse and fine aggregates derived from natural sources. Reinforcement shall be with TMT/TMX bars of Fe 500D or higher, conforming to IS:1786, fabricated using in-house automated cage-making units for consistency. RO water shall be used during manufacturing to enhance durability. The factory shall be certified with ISO 9001 (Quality Management), ISO 14001 (Environmental Management), and ISO 45001 (Occupational Health & Safety) and equipped with in-house NABL-accredited testing	4.00	Meter.	13089.60	52358.40
43	800 mm X 800 mm x 1000 mm (into in dimension)	4.00	Meter.	15493.40	61973.60
44	1000 mm X 1000 mm x 1200 mm (into in dimension from top)	8.00	Meter.	29259.70	234077.60
45	1600 mm X 1400 mm x 2000 mm (into in dimension)	2.00	Meter.	70356.60	140713.20
46	Unloading, handling, installation, alignment, jointing and grouting of precast concrete elements, including provision of all labour, equipment, lifting gear, temporary supports, and complete in accordance with drawings, specifications, and engineer's approval but including the cost all the building materials required for unloading, handling, installation, alignment and jointing. 800 mm X 800 mm x 800 mm (into in dimension)	4.00	Meter.	1313.00	5252.00
47	800 mm X 800 mm x 1000 mm (into in dimension)	4.00	Meter.	1616.00	6464.00
48	1000 mm X 1000 mm x 1200 mm (into in dimension from top)	8.00	Meter.	2929.00	23432.00
49	1600 mm X 1400 mm x 2000 mm (into in dimension)	2.00	Meter.	6262.00	12524.00
50	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. B) IN HARD ROCK	64.00	M3	277.09	17733.98
51	Providing & laying CC 1:3:6 (1- cement : 3 - coarse sand : 6 - M/c stone aggregate 40 mm nominal size) in foundation concrete incl. machine mixing, ramming, consolidation & curing etc. complete incl. cost of form work etc. complete	6.00	M3	3315.88	19895.28

Schedule-B

52	Providing & laying CC 1:3:6 (1- cement : 3 - coarse sand : 6 - M/c stone aggregate 20 mm nominal size) in plinth wall concrete with weep holes by P/F PVC pipe of 100 MM having 6Kg./Cm2 pressure & reinforcement as per detailed drawing or as directed incl. machine mixing, vibrating, scaffolding, curing incl. cost of form work but excluding cost of reinforcement etc. complete	4.00	M3	5312.94	21251.75
53	Providing & laying controlled cement concrete M - 250 for following RCC works for entrance gate up to any height and finishing smooth incl. machine mixing, vibrating, scaffolding, curing incl. cost of form work but excluding cost of reinforcement etc. complete at any height as directed by engineer in charge RCC COLUMN- up to 4.00 mt	4.00	M3	8883.51	35534.04
54	RCC COLUMN- 4.00 to 5 mt	1.00	M3	14241.35	14241.35
55	RCC COLUMN- 5.00 to 6.00 mt	1.00	M3	18276.68	18276.68
56	RCC COLUMN- 6.00 to 6.50 mt	1.00	M3	16735.33	16735.33
57	Providing & laying controlled cement concrete M - 250 for following RCC works for compound wall & entrance gate up to any height and finishing smooth incl. machine mixing, vibrating, scaffolding, curing incl. cost of form work but excluding cost of reinforcement etc. complete at all levels/any height for (A) FOR RCC FOOTING	12.00	M3	5073.12	60877.43
58	(B) RCC PLINTH BEAM	4.00	M3	6362.18	25448.72
59	(C) RCC BEAM	13.00	M3	10072.12	130937.53
60	(D) RCC COPING	1.00	M3	5058.05	5058.05
61	(E) FOR R.C.C. LINTEL	1.00	M3	7254.62	7254.62
62	(F) FOR R.C.C. SLAB	2.00	M3	6945.77	13891.55
63	(G) FOR R.C.C. CHHAJA	1.00	M3	6821.30	6821.30
64	Providing and fixing T.M.T. (Thermo Mechanically Treated) bars confirming to relevant IS Fe 500D grade for R.C.C. works including cutting, bending, binding and placing in position etc. incl. cost of binding wire etc. complete at all level / up to any height .	5790.00	Kg	77.29	447481.31
65	Brick work using common brunt clay building bricks of class having crushing strength not less than 35 kg/cm2 for superstructure up to two floor level in C.M. 1:6 (1-cement : 6-coarse sand) incl. racking out joints 20mm deep to expose faces & the joints should be struck flush to expose faces incl. Curing, scaffolding etc. complete.	15.00	M3	4526.75	67901.24
66	Providing & Laying 20mm thick sand faced plaster on wall up to any height consisting of 12mm thick backing coat of cement mortar 1:3 (1-cement : 3 - sand) & 8mm thick finishing coat of cement mortar 1:1 (1-cement : 1-sand) incl. Scaffolding, curing, etc. incl. racking out joints, cleaning etc. complete.	260.00	M2	321.10	83485.79
67	Providing & Laying 15 mm thick cement plaster in single coat in CM 1:3 (1-cement : 3-sand) on rough & fair side of stone / brick masonry / concrete surface for interior & exterior plastering up to any height incl. drip moulding & finished even and smooth with neat cement slurry incl. racking out joints, cleaning etc. complete at all levels/ up to any height	40.00	M2	235.32	9412.80
68	Applying wall painting three coats with plastic emulsion paint of approved brand and manufacture on wall surface to give an even shade with applying two coat ready made putty of approved quality including thoroughly brushing the surface free from mortar droppings & other foreign matter & sand papered smooth etc. comp at all levels / up to any height	40.00	M2	125.52	5020.91
69	External wall painting (two coats + priming coat) with APEX weather proof exterior emulsion paint of Asian paints or equivalent as approved and of required shade up to any height including a priming coat of primer of approved brand and manufacture on wall surfaces to give an even shade after thoroughly brushing the surface & making the surface free from mortar droppings and other foreign matter and sand papered smooth incl. filling the all small holes, cracks, open joints, undulations and similar other minor defects of every kind with ready made putty of approved brand and manufacture and rubbed smooth with sand paper incl. necessary scaffoldings etc. complete at all levels / up to any height	260.00	M2	125.52	32635.93
70	Providing & filling in foundation & plinth with sand brought from outside in layers of 20 cm. thickness incl. watering, ramming and consolidating etc. complete	5.00	M3	481.80	2409.00

Schedule-B

71	Providing & fixing 35 MM thick door shutter incl.teak wood door frame 10 X 7 cm consisting of solid core single or double leaf flush door shutter of 30 MM thickness, lipped with 15 mm (5MM x 3) thick x 30 mm width on stiles & top rails and 10 mm(5 mm x2) other stiles and bottom rails. The inner panel laminated with 2 mm thick termite proof, water proof & fire resistant moulded PVC sheet with 2,4,6 raised panel design in different plain and/ or pre laminated colour on one side after routing the moulded design on flush door & 2 MM plain and/ or pre laminated PVC sheet on other side using rubber adhesive on flush door and solvent cement adhesive on the PVC lapping incl. prov. & fixing stainless steel matt fixtures, fasteners and lock as per the detailed drawing etc. complete at all level. (ii) Fully panelled	20.00	M2	5338.30	106766.09
72	Providing and fixing Aluminium Section (Colour anodized of minimum 15 micron thick) fixed in composite panel of Alluminium window outer frame of size 63mmx 38mm x 1.5 mm, with three track sliding shutter (3/4 series shutter section) fixed with glazing section using 5 mm thick best quality plain sheet glass of approved colour with P/F all necessary fixtures, fasteners & window accessories like Handles, hinges, screws, Lock, bearing, stopper etc. as may be needed and as directed by Engineer in Charge etc. complete at all levels	8.00	M2	2140.33	17122.65
73	Providing and laying Vitrified tiles 8 to 10 mm thick , 24" x 24" 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.	60.00	M2	1120.36	67221.76
74	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.After finishing the whole terrace shall be flooded with water for a period of two weeks.	16.00	M2	779.70	12475.20
75	Providing & fixing M.S. plain grills of required pattern to window's gapes etc. with M.S. flats & 12mm 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. comp.	160.00	Kg	110.59	17694.98
76	Providing & fixing on wall PVC rain water pipes of 110 mm diameter of 6Kg./Cm2 incl. bend, Tee etc. incl. jointing materials incl. fixing with necessary clamps to walls etc. as directed at all level.	20.00	Rmt	339.05	6780.94
77	Steel work, riveted in built up sections framed work including cutting, hoisting, fixing in position and applying a priming coat of read lead paint.	6.50	Quintal	5889.50	38281.76
78	Providing and fixing in wall, ceiling and floor galvanized mild steel tubes (Heavy grade) of the following nominal bore, tube, fittings and clamps including making good the wall, ceiling and floor etc. complete at all floor levels (F) 50mm	240.00	Rmt	794.18	190603.97
79	Providing and fixing sliding iron estate gate as per design and given drawing with top & bottom rails of T iron of required size with required dia. Steel pulleys complete with bolts nuts, locking arrangements, stoppers, holdfasts, handles, aldrops etc. incl. cost of welding, cutting etc. using the M.S. pipes (Heavy duty), angles, flats etc. as per drawing incl. fixing in RCC. column etc. incl. applying a priming coat of red lead paint and three coats of approved synthetic enamel paint etc. complete	38.80	Quintal	9108.48	353409.14
80	Providing and fixing Digitally printed steel GIDC Logo for entrance gate	2.00	No.	29416.68	58833.37
81	Providing and fixing Digitally printed steel Letters for entrance gate	25.00	No.	1024.84	25620.92
82	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 cleaning the surface of all dirt, dust and other foreign matter	33.00	M2	129.04	4258.24
				Rs. (Without GST)	7,24,27,704.68