

NAME OF WORK :- RENOVATION AND WIDENING OF MATAJI MANDIR TO CHIKHLI MAIN ROAD, AT:- KHEDBRAHMA

SCHEDULE-B

IT No.	Quantity estimated but may be more or less	Description	Unit	Approved Rate with 1% L.W Cess Rs.	Total Amount according to estimated quantities.
1	2	3	4	6	7
1	9.00	Demolition including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift. (i) R.C.C. work	Cmt	1081.83	9736.48
2	58.00	Excavation for foundation up to 1.5 M Depth including sorting out and stacking of useful materials and disposing of the excavated stuff up to 50 meter lead (D) Soft rock not requiring Blasting	Cmt	532.91	30908.57
3	5434.00	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 up to 50 meter lead.	Cmt	215.62	1171705.71
4	6348.00	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.(C) From Borrow area within 1.0KM. lead	Cmt	236.61	1502017.42
5	39.00	Earthwork in cutting in all sorts of soil and soft murrum including conveying and spreading the stuff, embankment as and where directed within 200meters from the end of the cutting with all required lead and lift.	Cmt	250.53	9770.69
6	60.00	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts carrying heavy traffic as per IS 458-1991 specifications including setting the pipes in C.M. 1:2 watering and laying (to level or slopes) of class NP3 of following internal diameters.(v) 900mm dia.	Rmt	3469.26	208155.55
7	3105.00	Construction of Granular Sub Base (GSB) by providing coarse graded material of grading-I, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with vibratory roller to achieve the desired density, complete as per MORTH specification	Cmt	1646.40	5112075.11
8	1553.00	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam (Grade-I) (B.T. Metal of size 45 to 90 mm) specification including spreading in uniform thickness, hand packing , rolling with vibratory roller 80-100 kN static wt. to proper grade and camber, applying and brooming, stone screening/binding materials to fill-up the interstices of coarse aggregate, watering and compacting etc. complete as per Specification.	Cmt	1375.03	2135428.11

IT No.	Quantity estimated but may be more or less	Description	Unit	Approved Rate with 1% L.W Cess Rs.	Total Amount according to estimated quantities.
1	2	3	4	6	7
9	3105.00	Providing, laying, spreading and compacting graded stone aggregates to Wet Mix Macadam in 150 mm thickness as per MORT & H specification including premixing the material with water at OMC in mechanical mix plant, carriage of mixed material by tippers to site, laying in uniform layers with paver or motor grader in sub base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density. complete as per MORT & H clause 406	Cmt	1193.88	3706999.26
10	10350.00	Rolling & consolidating of water bound macadam (Except laterite and kankar) including watering not exceeding 150 mm thickness (Main layer including binding materials) including filling in depressions which occurs during the process B) With power roller exceeding 8 tonne not exceeding 12 tonne.	Smt	22.02	227886.30
11	1898.00	Providing & laying 50 mm thick compacted D.B.M. with B.T. stone aggregates as per MoRT&H gradation & specification with bitumen VG-30 for mixing at the rate of 45.0 kg./M.T. by weight of total mix i.e. (4.5% by weight of total mix) including heating the asphalt & aggregates by continuous batching batch mix plant & spreading the same by paver finisher including rolling & consolidation with 10-12 tones vibratory and power roller & providing all materials, equipments, tools & plants, fire wood, oil, kerosene, labour charges etc. and using contractor's own machineries batch mix plant & paver finisher etc. comp.	MT	3439.20	6527604.45
12	1812.00	Providing and laying 50 mm. thick B.M. with B.T. aggregate as per MORT & H specification and gradation asphalt grade 80/100 (VG-10) for tack coat at 2.5 kg. / 10 sqm. with mechanical sprayer & mixing @ 34.0 kg./ M.T. (i.e. 3.4% of total mix by weight) including heating and mixing the aggregate and asphalt by continuous batching drum mix plant and spreading the same by paver finisher and consolidation with vibratory roller (80-100 KN static weight) including providing all materials equipment, tools and plants, oil, kerosene, firewood, labour charges etc. complete using contractor's own machineries etc. complete.	MT	3200.73	5799723.48
13	992.00	Providing and laying 25 mm thick compacted S.D.B.C. with B.T. stone chips as per MORT & H gradation and specification with bitumen grade for mixing at the rate of 50.00 kg/M.T. by weight of total mix i.e. (5.0 % by weight of total mix) Add Water Proofing Materials saline neno technology @ 0.10% by total weight of mix. including heating the asphalt and aggregates by drum mix plant and spreading the same by paver finisher including rolling and consolidation with 10-12 tonnes vibratory and power roller and providing all materials, equipments, tools, and plants, fire wood, oil, kerosene, labour charges etc and using contractor's own machineries drum mix plant and paver finisher etc. complet.	MT	3847.98	3817194.97

IT No.	Quantity estimated but may be more or less	Description	Unit	Approved Rate with 1% L.W Cess Rs.	Total Amount according to estimated quantities.
1	2	3	4	6	7
14	17250.00	Providing & laying Asphalt painting on B.T. surface with Bitumen grade of VG-30 at the rate of 5.0 Kg / 10 Sqmt by Mechanical sprayer & spreading stone dust on painting surface of road @ 0.03 cum/10sqmt & rolling etc. comp. & brushing the surface	Smt	20.62	355767.45
15	3.00	Cautionary Warning Sign :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 90 x 90 x 90 cms. equilateral triangle as per 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 reflectivesheeting as per latest M.O.S.T.Specifications; 3.1m long stand postand frame fabricated from suitable sizeiron angle of 35 x 35 x 3mm, 75 x 75 x 6mm as required; painted with best quality epoxy coatings in black andwhite bends. The details of symbol foreach board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg.including excavation, curing etc.complete under the supervision of engineer in charge. (B) High Intensity Grade	Nos.	3379.54	10138.62
16	2.00	Informatory Signs :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 80 x 60cms. rectangle as per the design of IRC-67-1977 pre treated with phospheting process & acid teching; coated with one coat of epoxyprimer and two coats of best qualityepoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; 3.1m long stand postand frame fabricated from suitable sizeiron angle of 35 x 35 x 3mm75x75x6mm as required; painted with best qualityepoxy coatings in black and whitebends. the details of symbol for each board shall details of symbol for eachboard shall be as per the instruction ofengineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x45 x 60cms. for each leg. including excavation curing tec. complete under the supervision of engineer in charge.(B) High Intensity Grade	Nos.	3856.90	7713.79

IT No.	Quantity estimated but may be more or less	Description	Unit	Approved Rate with 1% L.W Cess Rs.	Total Amount according to estimated quantities.
1	2	3	4	6	7
17	2.00	Place identification sign :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 150 x 90cms. 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 50x50x5mm 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.(B)High Intensity Grade	Nos.	9390.66	18781.31
18	3500.00	Supplying and fixing cat eye (Stimsonite) made out from Acrilo beaultile sterine injuction high compressed molding with reflector made of MMC (prismatic type of size 12cm x 6cm x 2.5cm) provided with bituminous adhesive 100g. with each unit for fixing. (High Intensity grade)	Nos.	375.72	1315020.00
19	690.00	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 coefficinet on cemend road shalll 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	Smt	367.72	253727.35

IT No.	Quantity estimated but may be more or less	Description	Unit	Approved Rate with 1% L.W Cess Rs.	Total Amount according to estimated quantities.
1	2	3	4	6	7
20	520.00	Metal Beam Crash Barrier Providing and erecting a "W" metal beam crash barrier comprising of 3mm thick corrugated sheet metal beam rail, 70cm above road/ground level, fixed on ISMC series channel vertical post, 150 X 75 X 5 mm spaced 2m center to center, 1.8m high, 1.1m below ground / road level all steel parts and fitments to be galvanised by hot dip process all fitting to conform to IS:1367 and IS:1364 metal beam rail to be fixed on the vertical post with a spacer of channel section 150X75X5mm, 330mm long complete as per Clause 810.	Rmt	5535.81	2878621.20
(1) TOTAL :-					35098975.82
(2) SAY TOTAL					35098976.00
I / We am / are willing to complete work % below / above tendered rate mentioned.					
Total Estimated Cost Rs. 3,50,98,976.00% Below / above Rs.					
Total Rs.					
Inwards.....					
		*(Please strike out whichever is not applicable).			
	Note-1-	All work shall be carried out as per public works Department Hand book and other specifications of Division or as directed.			
	GMW v! 0v	AW\H SFD A\WSFD IJEFUGL 5J:TSF VG[IOIjhGGL ALHL BF; IJUT DJHA VYJF ; RGF 5Df6[SZL VF5JFG)ZCXP			
	Note -2-	All the columns is schedule should be filled in ink and the total of the entires in the last column should be struck by the contractor under his signature.			
	GMW vZ 0v	VG; JRDFAWF BFGFGL IJUTM; CLYL EZJL VG[Kk; F BFGFGL GMMGM; ZJF/M SZL SMg8FS8Z[5MTFGL ; CL SZJL			
	Note-3-	Rates quoted include clearnace of site (prior commencement of work and at its close) in all respects and hold good for work under all conditions, site, moisture, weather etc.			
	GMW v# 0v	8PS; F NZD# :Y/GL s SFDGF VFZE[VG[5]- YFI T[JBTF f NZ\$ ZLT[; FO; DL SZJFGM; DFJX YFI KP VG[T[NZ TDFD 5IZI:YIT 4 :Y/4 E\H4 CJFDFG JUJZ[Cp/ SFD DF8[V D, DAZCXP			
	Note -4-	To be continued on additional sheets, if found necessary.			
	GMW v\$ 0v	H-Z H6FI JWZFGF SFU/M HMOL RF, JZFBJP			
Signature of Contractor					
CHIEF OFFICER Khedbrahma nagarpalika			PRESSIDENT Khedbrahma nagarpalika		