

Pimpri Chinchwad Municipal Corporation ,Pimpri-18
 Rate analysis for median / central verge (parabolic shape -450 mm ht.) in R.C.C M-25 without SCADA


Date 16/5/18

Providing and fixing in position Precast R.C.C median / central verge IN m:25 GRADE without SCADA of parabolic shape of total height 650 mm (450 mm above RTL) and breadth 250mm at bottom and 85 mm @ top and length of 0.45 m precast with entire surface in M-25 including reinforcement 10 TOR @ 225 c/c (vertical ring) 9 bars of 8.00 mm dia longitudinal with 50 mm dia weep hole at 1000 mm/c including curing ,transportatio ,fixing in position etc.complete inC.M 1:3 25 MM thick joint as per the approved drawing ,designand specification and reinstating the surface as directed by engineer in charge.


	NO.	L	B	D	QTY.	RATE	UNIT	AMT.	REMARK
FOR 100.00 M LENGTH									
A) FOR RCC M-25 WITHOUT SCADA FOR FOOTING									
BOTTOM PORTION (BELOW RTL)	1	100	0.16	0.2	3.20				
MIDDLE PORTION (ABOVE RTL)	1	100	0.25	0.1	2.50				
TOP PORTION (ABOVE RTL)	1	100	0.058		5.80				
$0.058 = 0.35 * (0.085 + 0.25) / 2$									
LESS WEEPHOLE QUANTITY $= 3.14 * (0.05 * 0.05) / 4$	-100	0.25	0.002		-0.05				
				TOTAL A	11.45	5332.85	CUM	61061.13	BD - F.R.C.C. without SCADA 25.13
B) FOR STEEL REINFORCEMENT									
8 MM	9	100			900			900.00	
							KG/RMT	0.0396	
						TOTAL (I)	KG	356.40	
10 MM @ EVERY 225 MM C/C	446	1.63			726.98		RMT	726.98	
								0.62	
						TOTAL (II)	KG	449.27	
						GROSS TOTAL (I+ II)		KG	805.67
							TONNE	0.806	
				TOTAL B		RATE		48489.00	39082.13
C) LABOUR CHARGES FOR FIXING IN POSITION									
100 RMT WILL BE FIXED IN A DAY									
MASON IIInd CLASS	2	DAYS				494.00	PER DAY	988.00	
Mazdoor - Unskilled Heavy Male	2	DAYS				448.00	PER DAY	896.00	
						TOTAL C	RS	1884.00	
D) LOADING AND UNLOADING									
CONSIDERING TRANSPORTATION BY TRUCK 10 MT CAPACITY									
WT OF CONCRETE FOR 100 M LENGTH	11.45	2400	27482.3	27.48	MT				
				27.48	MT				
				27.48	WT/NO	0.27			
TOTAL QTY IN NE TRUCK IN ONE TRIP	10/0.27	36.39	SAY	37	RMT				

41	LABOUR (HALF DAY)	0.5	4	MAN DAYS	2.00	448	PER DAY	896.00	
	TRUCK HIRING (LOADING , UNLOADING AND TRANSPORTATION)	1.0	4	HRS	4	570.75	PER HRS	2283.00	
							TOTAL	3179.00	
	TOTAL TRANSPORTATION COST/NOS			TOTAL D FOR 1 NO			NOS	85.92	
E)	WEEPHOLES PVC 100 MM (ONE PIECE PER RMT.)	100	0.25	TOTAL E	25	118.65	RMT	2966.25	MORTH 2700 & 2200
		TOTAL RATE PER 100 METER		A+B+C+D+E				105079.44	
		THEREFORE RATE PER METER PER LINE				TOTAL RS.		1050.79	
							SAY RS.	1051.00	PER METER PER LINE

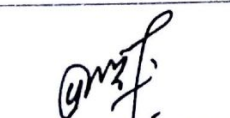
RATE IS PROPOSED FOR median / central verge (parabolic shape -450 mm ht.) in R.C.C M-25 without SCADA RS	1051.00	PER METER PER LINE
RATE IN WORDS :- ONE THOUSAND FIFTY ONE ONLY		

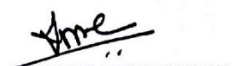

 JUNIOR ENGINEER F
 ZONE PCMC



 DEPUTY ENGINEER F
 ZONE PCMC

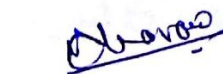

 EXECUTIVE ENGINEER F
 ZONE PCMC

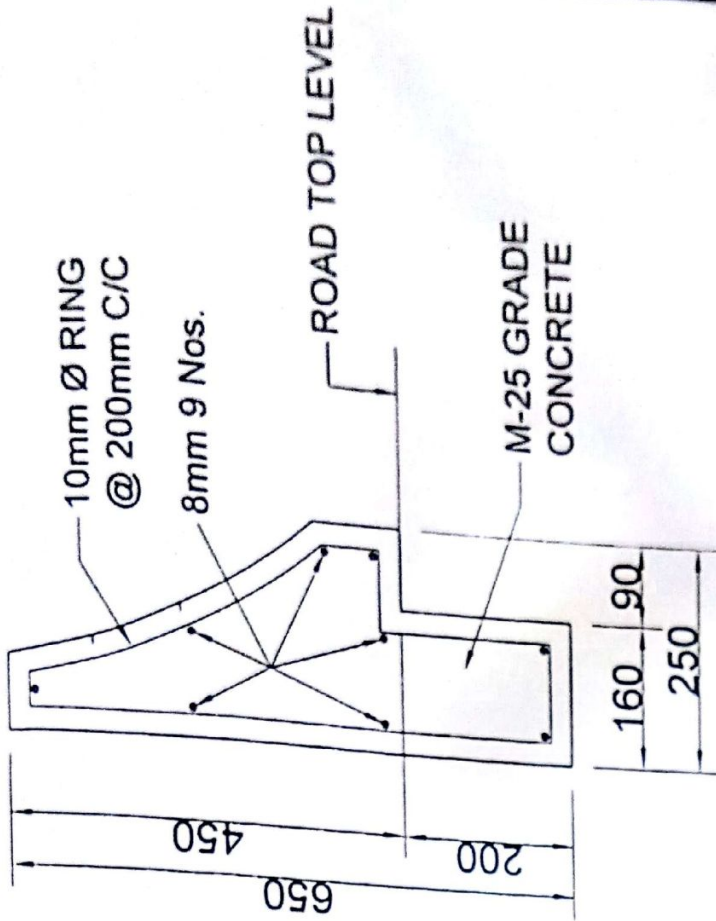
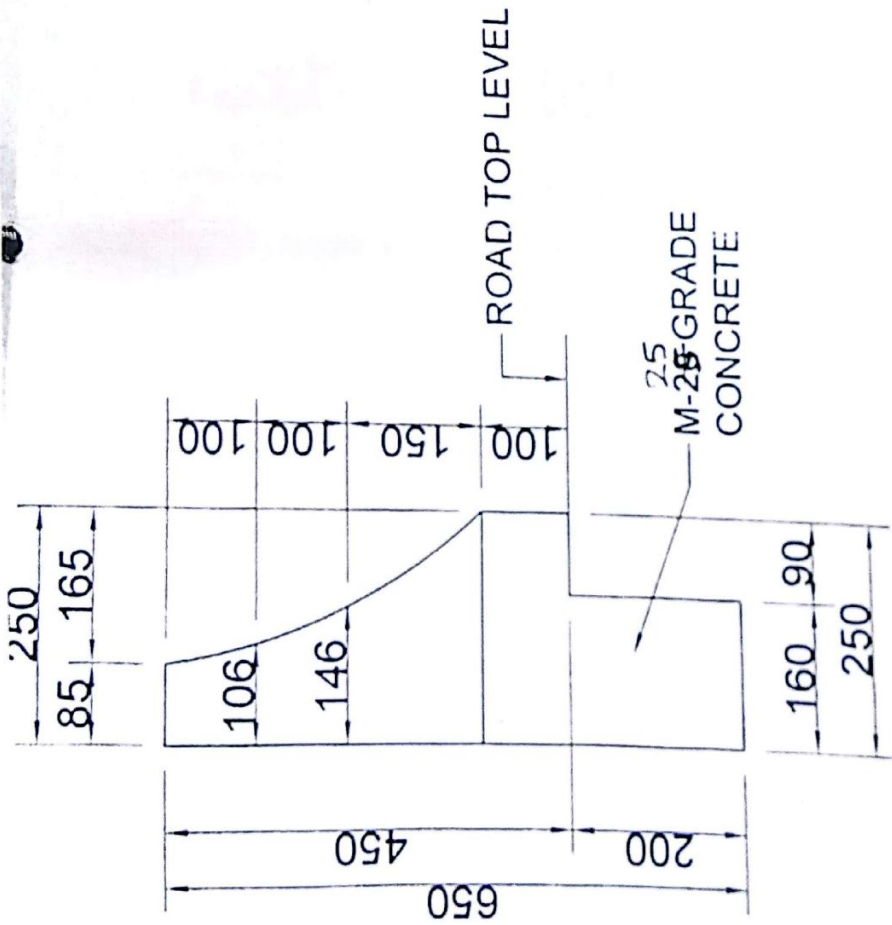
RATE IS APPROVED FOR median / central verge (parabolic shape -450 mm ht.) in R.C.C M-25 Without GST. and without SCADA RS	1051.00	PER METER PER LINE
RATE IN WORDS :- ONE THOUSAND FIFTY ONE ONLY		


 JUNIOR ENGINEER
 PCMC (TS)


 DEPUTY ENGINEER
 PCMC (T.S)


 EXECUTIVE ENGINEER
 PCMC (T.S)


 CITY ENGINEER
 PCMC



DETAILS OF PARABOLIC DIVIDER

All Dimensions Are In MM



Junior Engineer
E-Zone (Civil)
P.C.M.C.

Executive Engineer
E-Zone (Civil)
P.C.M.C.

PIMPRI CHINCHWAD
MUNICIPAL CORPORATION
PUNE - 411019

RAVE TECH
CONSULTANTS,
PUNE - 411005

NO.	DATE	DESCRIPTION OF WORK	SCALE	INITIALS