PIMPRI - CHINCHWADMUNICIPALCORPORATION , PIMPRI-18

RATE ANALYSIS

DATE - 01/08/2018.

Item No-7 BASALT KERB STONE

Providing and Fixing at work site, Dark grey/Black color Basalt Kerb stone of size 430x250x400mm in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 coarse sand), including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm), including making drainage opening wherever required complete etc. and loading, unloading, transportation and including all other taxes and excluding GST complete as per direction of Engineer-in-charge. of the work.

Unit Considered for 100 Numbers

Description	Quantity	Rate	Unit	Amount	Remark
100 nos will be fixed in a day by 5 skilled and 5 unskilled labours					
1)Labour					
skilled mason 1st class male	5	494	day	2470.0	SSR 2017-18 P.No.-331/3
Un-skilled mazdoor -heavy /male	5	448	day	2240.0	SSR 2017-18 P.No.-331/36
Total Labour				**4710.0**	
2)Material					
1.Basalt kerb stone of size 430x250x400mm- as per quotation	100	431	No	43100.0	Market Rate
Mortar= ((0.25x0.325)+(0.250x0.5x0.75))x 0.01= (0.0812+0.00938)x.01= 0.000907cum so 0.00022675 cum is cement and 0.00068025 cum is sand 0.357 cum of cement= 0.51 tonne so cement is 0.00032 tonne					
2. Sand	0.067	2269.78	Cum	152.9	SSR 2017-18. P.No.-328/11 including lead charges
3. Cement	0.03168	4200	MT	133.1	SSR 2017-18. P. No.-326/427 (rate in MT. 210/bag x20 = Rs.4200/ MT)
Total 1 to 2				43385.9	
3)Sunderies @ 1/2 %				**48095.9**	
Total				240.5	
4)Water Charges 1 %				**48336.4**	
Total				483.4	
5)Add Over head Charges @ 10 % on market rate				**48819.8**	
Total				4310.0	
Rate of 100 Nos				**53129.8**	
Rate of 1 Nos				53129.8	
				Rs. 531	

Rate is proposed for Basalt Kerb Stone Rs. 531/- per Pcs. (Five hundred and thirty one Rupees) excluding GST

ARCHOHM CONSULTS PVT.LTD NOIDA

Architect

Junior Engineer PCMC, Pimpri-18

Dupty Engineer PCMC,Pimpri-18

Executive Engineer PCMC,Pimpri-18

Rate is Approved as Rs.531/- per Pcs. (Five hundred and thirty one Rupees) Excluding GST (Royalty will be deducted as per prevailing rates)

City Engineer
PCMC, Pimpri-18

KERB STONE DETAIL

StoneContact.com