PIMPRI - CHINCHWADMUNICIPALCORPORATION , PIMPRI-18

RATE ANALYSIS

Item No-6

STONE BOLLARD

DATE - 01/08/2018.

Providing and Fixing at work site, Dark grey/Black color Basalt stone Bollard of size 100x100x1200 mm in position to the required line, level , jointed with cement mortar 1:3 (1 cement: 3 coarse sand), including loading, unloading, transportation and all other taxes and excluding GST complete as per direction of Engineer-in-charge. of the work.

Unit Considered 100 Number

Description	Quantity	Rate	Unit	Amount	Remark
100 nos will be fixed in a day by 10 skilled and 10 unskilled labours					
1)Labour					
skilled mason 1st class male	10	494	day	4940.0	SSR 2017-18 P.No.-331/3
Un-skilled mazdoor -heavy /male	10	448	day	4480.0	SSR 2017-18 P.No.-331/36
Total Labour				**9420.0**	
2)Material					
1.Stone Bollard of size 100x100x1200 mm- as per quotation	100	1100	No	110000.0	Market Rate
Mortar= (0.15x0.1x.01)x4= 0.0006cum so 0.00015 cum is cement and 0.00045 cum is sand 0.357 cum of cement= 0.51 tonne so cement is 0.000214 tonne					
2. Sand	0.045	2269.78	Cum	102.1	SSR 2017-18. P.No.-328/11 including lead charges
3. Cement	0.021	4200	MT	89.9	SSR 2017-18. P. No.-326/427 (rate in MT. 210/bag x20 = Rs.4200/ MT)
Total				**110192.0**	
Total 1 to 2				**119612.0**	
3)Sunderies @ 0.5 %				598.1	
Total				**120210.1**	
4)Water Charges 1 %				1202.1	
Total				**121412.2**	
5)Add Over head Charges @ 10 % on market rate				11000.0	
Total				**132412.2**	
Rate of 1 pcs.				132412.2	
Rate of 1pcs.				**Rs. 1,324**	

Rate is proposed for Stone Bollard Rs. 1324/- per Pcs. (One thousand three hundred and twenty four 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.1324 per Pcs. (One thousand three hundred and twenty four Rupees) Excluding GST (Royalty will be deducted as per prevailing rates)

City Engineer
PCMC, Pimpri-18

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BOLLARD DETAIL