Structures & Building & Construction & Manufacturing Components & Supplies -UNSPSC: 30					
Major Product category : - Structural materials & basic shapes UNSPSC Code :3010					
Sub Category :- Post UNSPSC Code :301029					
RCC Ordinary KM stone - Type B (Cement or concrete post) : UNSPSC Code - 30102901					
S no	Parameters	CH/N	Value 1	Unit	Remarks
Generic					
1	RCC Ordinary KM stone Type	Ch	Type B		G
2	RCC Ordinary KM Stone Total lengths	N	111 cm	cm	G
3	Stone size at Top (H x W X T)	N	56 cm x 35cm x25 cm	cm	G
4	RCC Stone size at Bottom (H x W X T)	N	55 cm x 37 cm x27 cm	cm	G
6	Top shape of the KM stone	CH	half round shape		M
Costructional					
1	Reinforcement- Main vertical bars 6.0mm dia round MS bars	N	2 Nos.	nos	M
2	Reinforcement- Main vertical bars Length each in cm Approx.	N	220 cm	cm	M
3	nos of Stirrups of 6 mm dia round MS bars	N	6 Nos	nos	M
4	Approximate length of Stirrups	Ch	100 cm each	cm	M
5	Cement Concrete Mix Ratio	Ch	1:2:4 (cement : sand : metal or coarse aggregate)		M
6	Nominal size Fine / coarse aggregate	N	12.5/ 20 mm	mm	M
7	Sand used should be free from clay & salt	Ch	yes		M
8	Grade for Concrete Mix	Ch	M-15 of IS:456		M
9	Manufacturing	Ch	In order to ensure desired compressive strength, RCC stones should be compacted with the help of plat form vibrator		M

10	Surface shall be uniform and free from voids	Ch	yes		M
11	Concrete cover over the reinforcement conforming to IS: 456/2000 with up to date amendements.	N	≥ 15mm	mm	M
12	Dimensional tolerance	N	+/- 7 mm	mm	M
13	MARKING on stone	Ch	clearly and indelibly marked with the following particulars either during or after manufacture, but before testing, at a position so as to be easily read after erection in position: a) Year of manufacture, b) Type of post and c) Maker's serial number or trade-mark.		M
PERFORMANCE					
1	Absorption testing at independent laboratory/manufacturers laboratory as per IS: 3597/1998 with up to date amendments at the time of first Supply	CH	yes		M
2	Compressive Strength of concrete cure (357 Kg/Sq. em min.) as per IS: 516/1959 with up to date amendments (reaffirmed 2004) After 28 days curing	N	≥ 357 Kg/Sq. cm min.)	Kg/Sq. Cm	M
Certifications					
1	Availability of Test Report from Central Govt./NABL/ ILAC acredited lab to prove confirmity to declared parameters	Ch	Yes		G
2	Certificate indicating quality of Cement and concrete mix	Ch	to be provided to user on demand		M
3	Test Certificate of Steel Reinforcement.	Ch	To be provided to user on demand		M
4	Guaranty/ Warranty	N	1	year	M