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MUNICIPAL CORPORATION BHILAI (C.G.)
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ESTIMATE NAME :- ESTIMATE OF PEDESTAL BRIDGE

Name of work :- AT WARD NO 64 BETWEEN STREET NO 34 AND 01.

ESTIMATE HAS BEEN PREPARED AS PER SOR PWD BRIDGE AND BUILDING SOR W.E.F. 1.01.2015.

S.NO.	ITEM	QTY	unit
1	Excavation for Structures Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material including dewatering etc. complete upto 3 m depth .	240	cum
2	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.	240	cum
3	Back filling behind abutment, wing wall and return wall complete as per drawing and Technical specification 710.1.4 of I.R.C. 78 and 2200. (i) Granular material	13	cum
4	Plain/Reinforced cement concrete in open foundation complete as per drawing and technical specifications. Using concrete mixer PCC Grade M15	8	cum
R.C.C. WORK			
5	Plain/Reinforced cement concrete in open foundation complete as per drawing and technical specifications..	86.29	cum
6	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire all complete: Cold twisted bar / Hot rolled deformed steel AT150KG/CUM	10354.8	KG
7	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Foundations, footings, base of columns and plinth beam in any shape and size.	59.02	sqm
8	Extra for mechanical transport for every one km or part thereof beyond first five km	240	cmt
9	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. AS PER ITEM No. 1.1.1	45.00	cum
10	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.	33	cum
11	Providing & laying 60mm thick precast interlocking concrete blocks of approved size (approx 305 sqcm) and shape/ pattern, over 40 mm thick average complete coarse sand bed with joints of 3mm thick filled by fine sand including leveling with surface vibrator, temping and sweeping etc. complete of minimum compressive strength of 250 kg/sq.cm Pigment Coloured (rubber mould) precast interlock concrete blocks	200	SQM
12	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	15.00	cum

EXECUTIVE ENGINEER
MUNICIPAL CORPORATION
BHILAI


ASSISTANT ENGINEER
MUNICIPAL CORPORATION
BHILAI


SUB ENGINEER
MUNICIPAL CORPORATION
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