

MUNICIPAL CORPORATION OF BHILAI

NIT

वार्ड क्र. 51 स्थित खुर्सीपार मंगल भवन का क्षतिग्रस्त आंतरिक पाईप लाईन का संधारण एवं बदलने का कार्य।

(As Per PWD Building SOR 01.01.2015)

SN	PARTICULERS OF ITEMS	QTY.	UNIT
1	Providing and laying in trenches G.I. pipes medium class complete with G.I. fittings including excavation of trenches, refilling the same and testing of joints complete:	90.00	Metre
a	50 mm dia. nominal bore		
2	Providing and fixing on wall surface G.I. pipes medium class complete with G.I. fittings and clamps, including cutting, making good the walls etc. and testing of joints complete:	185.00	Metre
a	40 mm dia. nominal bore	180.00	Metre
b	20 mm dia. nominal bore		
3	Making connection of G.I. distribution branch in G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete: (dia of main line to be measured)		
a	25 mm dia. nominal bore	25	Each
b	40 mm dia. nominal bore	25	Each
c	50 mm dia. nominal bore	5	Each
4	Providing and fixing G.I. Union in existing G.I. pipe line, cutting and threading the pipe and making long screws including excavation, refilling the earth or cutting of wall and making good the same complete wherever required :		
a	20 mm dia. nominal bore	20	Each
b	40 mm dia. nominal bore	25	Each
c	50 mm dia. nominal bore	5	Each
5	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe ----- joints complete as per direction of Engineer in Charge. CONCEALED WORK including cutting chases and making good the walls etc.,		
a	20 mm nominal outer dia. Pipes.	180	Mtr.
6	Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required: Bib cock (400 grams)	45	Each
4	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end):		
a	25 mm dia. nominal bore	10	Each
b	40 mm dia. nominal bore	5	Each
c	50 mm dia. nominal bore	2	Each
7	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :		
a	20 mm nominal bore	20	Each
8	Constructing masonry Chamber 60x60x75 cm, inside with modular well burnt clay bricks of 35 kg/ cm ² in cement mortar 1:4 (1 cement : 4 coarse sand) for sluice valve, with C.I. surface box 100mm. top diameter, 160 mm bottom diameter and 180 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate -----with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick finished with a floating coat of neat cement complete as per standard design :	2	Each


Executive Engineer
Municipal Corporation
Bhilai

Assistant Engineer
Municipal Corporation
Bhilai


Sub-Engineer
Municipal Corporation
Bhilai