

NAGAR NIGAM BHILAI

NIT

वार्ड क्र.—14 शांतिनगर शिवाजी नगर सड़क 01,02 एवं 03 में इंटरकनेक्शन कार्य।

AS PER PHED S.O.R 01.06.2020

S NI	PARTICULAR	OTN	TINITE
3.110		QTY	UNIT
'	Earth work in excavation for pipe trench in ordinary soil areas including dressing, watering,		
	ramming and disposal of excavated earth lead up to 50m and lift up to 1.5m, disposal earth to be		
	levelled, neatly dressed.		
		25.50	cum
2	Providing, laying and jointing including testing following socket & spigot centrifugally cast (Spun)		
	Ouctile Iron pressure pipes with inside cement mortar lining (class K-7) conforming to IS: 8329/		
	2000 with suitable Rubber Gasket (Push on) joints as per IS:5382/2018		
	,		
	100mm Dia	30.00	meter
3	Filling available excavated earth in trenches, plinth sides of foundation in layers not exceeding		
	20cm. In depth including consolidation of each layer by ramming watering, lead up to 50m and lift		
	up to 1.5m in all kinds of soils		
		25.26	
4	Providing and Laying including testing Ductile iron Mechanical joint collar with follower glands	25.20	cum
	conforming to IS: 9523/2000 having dimension as per table 24 of IS: 9523/2000 in the following		
	nominal diameter/sizes with external bitumen and internal cement mortar lining.		
	100 - 10'		
	100mm Dia	5.00	Each
	300mm Dia	1.00	Each
5	Providing and Laying including testing Ductile Iron All socket Tees conforming to IS:9523/2000		
	having dimension as per table 21 of IS:9523/2000 in the following nominal diameter/sizes with		
	external bitumen coating and internal coment mortar lining with finishing as per clause 13 of IS:		
	9523/2000.	-	
	300mm x 100mm	1.00	Each
6	Providing & fixing of following Ductile iron double flanged sluice valves glandless, resililent (soft		
	seated) non-rising spindle with body bonnet of ductile cast iron of grade GGG 40/SGI 400/12 or		
	equivalaent grade or of higher tensile strength grade, as per IS: 3896 part-II- 986 and subsequent		
	revision, wedge fully rubber lined with EPDM food grade quality and seals of NBR. The valve		
	should be with replaceable nut and replaceable sliding shoes, valve stems shall be of single piece		
	thread rolled. Sluice valve shall be compitable for buried applications without valve chambers. The		
	valve should be vaccum tight and 100% leakproof with face to face dimensions as BS: 5163-89/ IS:		
	14846/2000/ DIN 3204 F4 and flange connections as per IS: 1538. Valve should be with		
	electrostatic powder coatiling both inside and outside (thickness 250 micron)with pocketless	l	
	strailght thro body passage including jointing and testing with cost of jointing material such as		
	bolts, nuts, rubber insertions etc. all complete. CLASS PN- 10		
	oons, nats, rabber insertions etc. all complete. CEASS 1 14- 10		
	100mm dia		
	Toomin did	3.00	each
	A11.00		
	ASSTT.ENGINEER SUBENCINEER		
	N. W.		
	Nagar Palik Nigam, Bhilai Nagar Palik Nigam, Bhilai		