

MUNICIPAL CORPORATION BHILAI

N.I.T.

400 एम. एम. से 1000 एम. एम. व्यास के पाइप लाइन का संधारण कार्य। (वार्षिक 2022-23)

AS PER PHE SOR :01.06.2020

| S.No. | Description and details of work | unit | No. | L. | B. | H | Qty. | Rate | Amount |
|---------|---|------|-----|------|------|------|-------|------|--------|
| 18.15 | 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. | | | | | | | | |
| | | CUM | 20 | 2.00 | 1.50 | 1.50 | 90.00 | | |
| 18.16 | Earth work in excavation for pipe trench in Hard 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. | | | | | | | | |
| | | CUM | 10 | 2.00 | 1.50 | 1.50 | 45.00 | | |
| 18.17 | Earth work in excavation for pipe trench in Laterite 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. | | | | | | | | |
| | | CUM | 10 | 2.00 | 1.50 | 1.00 | 30.00 | | |
| 18.20.1 | Extra for every additional lift of 1.5m or part there of All kind of soils (over item No. 18.15, 18.16 and 18.17) | | | | | | | | |
| | | CUM | 10 | 2.00 | 1.50 | 1.00 | 30.00 | | |
| 19.4 | Labour only for cutting following Ductile Iron pipes of | | | | | | | | |
| | 400mm | Each | 10 | | | | 10 | | |
| | 450mm | Each | 10 | | | | 10 | | |
| | 500mm | Each | 6 | | | | 6 | | |
| | 600mm | Each | 6 | | | | 6 | | |
| | 800mm | Each | 4 | | | | 4 | | |
| | 900mm | Each | 4 | | | | 4 | | |
| 19.6 | Chamfering of CI/DI pipes of all types and classes to make suitable for tyton joints. | | | | | | | | |
| | 400mm | Each | 10 | | | | 10 | | |
| | 450mm | Each | 10 | | | | 10 | | |
| | 500mm | Each | 6 | | | | 6 | | |
| | 600mm | Each | 6 | | | | 6 | | |
| | 800mm | Each | 4 | | | | 4 | | |
| | 900mm | Each | 4 | | | | 4 | | |
| | 1000mm | Each | 4 | | | | 4 | | |
| 4.11 | Providing and Laying including testing Ductile iron Mechanical joint collar with follower glands 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. | | | | | | | | |
| | 400mm | Each | 8 | | | | 8 | | |
| | 450mm | Each | 8 | | | | 8 | | |
| | 500mm | Each | 4 | | | | 4 | | |
| | 600mm | Each | 4 | | | | 4 | | |
| | 800mm | Each | 3 | | | | 3 | | |
| | 900mm | Each | 3 | | | | 3 | | |
| | 1000mm | Each | 3 | | | | 3 | | |

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| | | | | | | | | | |
|-------|---|------|----|------|------|------|--------|--|--|
| 4.12 | Labour only for Laying including testing Ductile Iron Mechanical Joint collar with follower glands conforming to IS: 9523/2000 having dimension as per table 24 of IS: 9523/2000 in the following nominal diameter /sizes with internal cement mortar lining. 1 | | | | | | | | |
| | 400mm | Each | 8 | | | | 8 | | |
| | 450mm | Each | 8 | | | | 8 | | |
| | 500mm | Each | 4 | | | | 4 | | |
| | 600mm | Each | 4 | | | | 4 | | |
| | 800mm | Each | 3 | | | | 3 | | |
| | 900mm | Each | 3 | | | | 3 | | |
| | 1000mm | Each | 3 | | | | 3 | | |
| 4.5 | Providing Rubber ISI marked Gasket (push on) joint as per IS:5382/2018 to following DI pipes class K-7 and K-9 including testing of joints and cost of jointing materials (Rubber Gasket and soap solution etc.) | | | | | | | | |
| | 400mm | Each | 8 | | | | 8 | | |
| | 450mm | Each | 8 | | | | 8 | | |
| | 500mm | Each | 4 | | | | 4 | | |
| | 600mm | Each | 4 | | | | 4 | | |
| | 800mm | Each | 3 | | | | 3 | | |
| | 900mm | Each | 3 | | | | 3 | | |
| | 1000mm | Each | 3 | | | | 3 | | |
| 18.23 | Filling available excavated earth in trenches, lead up to 50m and lift up to 1.5m in all kind of soil excluding Watering and ramming. | | | | | | | | |
| | | CUM | 30 | 2.00 | 1.50 | 1.50 | 135.00 | | |
| 18.21 | Pumping out water caused by springs, tides or river seepage, broken water mains or drains or well or the like. | | | | | | | | |
| | | KI | 30 | 2.00 | 1.50 | 0.80 | 72.00 | | |

Executive Engineer
Municipal Corporation
Bhilai(C.G.)

21/11/2022
Assistant Engineer
Municipal Corporation
Bhilai(C.G.)

[Signature]
Sub Engineer
Municipal Corporation
Bhilai (C.G.)