

| Sr.No. | Description | Unit | Rate (Rs.) | | Ref. Tech. Specs. |
|--------|---|-----------------|-----------------|-----------------|-------------------|
| | | | Labour | Composite | |
| 18-1 | Forming, dressing and preparing sub-grade to provide smooth and finished surface for lining in bed and on side slopes on already compacted embankment of canals | | | | 18.3.2 18.4.3 |
| a) | In bed | Sq.m. Sq.ft. | 95.00 8.85 | 95.00 8.85 | |
| b) | On slopes | Sq.m. Sq.ft. | 130.00 12.10 | 130.00 12.10 | |
| 18-2 | Trench excavation for profile walls of lining in bed and on slopes below sub-grade level and disposal of excavated material upto 50 ft (15 m.) | Cu.m. Cu.ft. | 33.75 3.15 | 33.75 3.15 | 18.3.3 |
| 18-3 | Providing and laying 2" (50 mm) thick stabilizing layer of cement sand mortar(1:30) on slopes including curing. Excavation below sub-grade line will be paid | Sq.m. Sq.ft. | 182.50 16.95 | 219.56 20.40 | 18.3.4 |
| 18-4 | Providing and laying 1/2 " (13 mm) thick cement plaster 1:6 in bed and on slopes of canals including trowel finishing and curing. | | | | 18.3.4 |
| a) | In bed | Sq.m. Sq.ft. | 116.55 10.85 | 263.80 24.50 | |
| b) | On slopes | Sq.m. Sq.ft. | 144.15 13.40 | 275.10 25.55 | |
| 18-5 | Providing and laying 1" (25 mm) thick cement plaster 1:6 in bed and on slopes of canals including trowel finishing and curing. | | | | 18.3.4 |
| a) | In bed | Sq.m. Sq.ft. | 141.90 13.20 | 394.10 36.65 | |
| b) | On slopes | Sq.m. Sq.ft. | 178.75 16.60 | 431.00 40.05 | |
| 18-6 | Providing and laying 1.25" (32 mm) thick cement plaster 1:6 in bed and on slopes of canals including trowel finishing and curing. | | | | 18.3.4 |
| a) | In bed | Sq.m. Sq.ft. | 178.75 16.60 | 501.30 46.60 | |
| b) | On slopes | Sq.m. Sq.ft. | 216.25 20.10 | 538.80 50.05 | |
| 18-7 | Providing and laying 1.5" (38 mm) thick cement plaster 1:6 in bed and on slopes of canals including trowel finishing and curing. | | | | 18.3.4 |
| a) | In bed | Sq.m. Sq.ft. | 216.25 20.10 | 594.15 55.20 | |
| b) | On slopes | Sq.m. Sq.ft. | 228.75 21.25 | 606.65 56.40 | |

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| 18-8 | Providing and laying 1.75" (45 mm) thick cement plaster 1:6 in bed and on slopes of canals including trowel finishing and curing. | | | | 18.3.4 |
| a) | In bed | Sq.m. Sq.ft. | 228.75 21.25 | 677.05 62.90 | |
| b) | On slopes | Sq.m. Sq.ft. | 257.50 23.95 | 705.80 65.60 | |
| 18-9 | Providing and laying 1/2 " (13 mm) thick cement plaster 1:3 in bed and on slopes of canals including trowel finishing and curing. | | | | 18.3.4 |
| a) | In bed | Sq.m. Sq.ft. | 116.55 10.85 | 313.80 29.15 | |
| b) | On slopes | Sq.m. Sq.ft. | 144.15 13.40 | 341.40 31.75 | |
| 18-10 | Providing and spraying asphalt/bitumen membrane 1.65 kg/sq.m. having a thickness of not less than (1/16") 1.6mm on mortar base and/or on lining including heating and cost of hire charges of plant. | Sq.m. Sq.ft. | 73.15 6.80 | 498.25 46.30 | 18.2 |
| 18-11 | Providing and spraying asphalt/bitumen membrane 3.30 kg/sq.m. having a thickness of not less than (1/8") 3.2mm on mortar base and/or on lining including heating and cost of hire charges of plant. | Sq.m. Sq.ft. | 104.05 9.65 | 884.00 82.15 | 18.2 |
| 18-12 | Providing and laying first class burnt brick tiles 12" x 6" x 2" (305mm x152mm x 51mm) in lining between profile walls in 1 : 6 cement sand mortar over and including the cost of 3/8" (9.5mm) bedding and vertical joints and including scaffolding, formwork, its removal and curing. The stabilizing layer and cement plaster as laid on site as per design requirements, will be paid separately. | | | | 18.3 |
| a) | In bed | Cu.m. Cu.ft. | 2,710.95 76.75 | 12,769.77 361.60 | |
| b) | On slopes | Cu.m. Cu.ft. | 3,142.20 89.00 | 13,247.61 375.15 | |
| 18-13 | Providing and laying first class burnt brick tiles 12" x 6" x 2" (305mm x152mm x 51mm) in lining between profile walls in 1:3 cement sand mortar over and including the cost of 3/8" (9.5mm) bedding and vertical joints and including scaffolding, formwork, its removal and curing. The stabilizing layer and cement plaster as laid on site as per design requirements, will be paid separately. | | | | 18.3 |
| a) | In bed | Cu.m. Cu.ft. | 2,710.95 76.75 | 14,073.80 398.55 | |
| b) | On slopes | Cu.m. Cu.ft. | 3,142.20 89.00 | 14,355.64 406.50 | |
| 18-14 | Providing and laying first class burnt brick 9" x 4.38" x 2.69" (230mm x110mm x 68mm) in lining between profile walls in 1:6 cement sand mortar over and | | | | 18.3 |

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|--------|--|--------|------------|-----------|-------------------|
| | | | Labour | Composite | |
| | including the cost of 3/8" (9.5mm) bedding and vertical joints and including scaffolding, formwork, its removal and curing. The stabilizing layer and cement plaster as laid on the site as per design requirements, will be paid | Cu.m. | 2,710.95 | 11,178.27 | |
| | | Cu.ft. | 76.75 | 316.55 | |
| | On slopes | Cu.m. | 3,142.20 | 11,303.39 | |
| | | Cu.ft. | 89.00 | 320.10 | |
| 18-15 | Providing and laying first class burnt brick 9" x 4.38" x 2.69" (230mm x110mm x 68mm) in lining between profile walls in 1:3 cement sand mortar over and including the cost of 3/8" (9.5mm) bedding and vertical joints and including scaffolding, formwork, its removal and curing. The stabilizing layer and cement plaster as laid on site as per design requirements, will be paid | | | | 18.3 |
| | In bed | Cu.m. | 2,710.95 | 11,427.63 | |
| | | Cu.ft. | 76.75 | 323.60 | |
| | On slopes | Cu.m. | 3,142.20 | 11,846.27 | |
| | | Cu.ft. | 89.00 | 335.45 | |
| 18-16 | Providing and laying in situ cement concrete using local crushed aggregate 3/4" (19mm) thick and down gauge in canal lining including scaffolding, formwork, its removal and curing. | | | | 18.4 |
| | In bed | Cu.m. | 2,417.20 | 7,775.45 | |
| | | Cu.ft. | 68.45 | 220.20 | |
| | Cement concrete lining 1 : 3 : 6 | Cu.m. | 2,417.20 | 6,972.70 | |
| | | Cu.ft. | 68.45 | 197.45 | |
| | Cement concrete lining 1 : 4 : 8 | Cu.m. | 2,417.20 | 6,310.06 | |
| | | Cu.ft. | 68.45 | 178.70 | |
| | On slopes | Cu.m. | 2,820.30 | 8,131.16 | |
| | | Cu.ft. | 79.85 | 230.25 | |
| | Cement concrete lining 1 : 3 : 6 | Cu.m. | 2,820.30 | 7,558.83 | |
| | | Cu.ft. | 79.85 | 214.05 | |
| | Cement concrete lining 1 : 4 : 8 | Cu.m. | 2,820.30 | 6,565.03 | |
| | | Cu.ft. | 79.85 | 185.90 | |
| 18-17 | Extra if Margalla crushed stone 3/4" (19mm) & down gauge is used in place of local crushed aggregate over item 18-16 | | | | 18.4 |
| | 1 : 2 : 4 (1 cement, 2 sand & 4 crushed stone) | Cu.m. | - | 1,493.20 | |
| | | Cu.ft. | - | 42.30 | |
| | 1 : 3 : 6 (1 cement, 3 sand & 6 crushed stone) | Cu.m. | - | 1,561.08 | |
| | | Cu.ft. | - | 44.20 | |

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|--------|--|-----------------|------------|-------------------|-------------------|
| | | | Labour | Composite | |
| c) | 1 : 4 : 8 (1 cement, 4 sand & 8 crushed stone) | Cu.m. Cu.ft. | - - | 1,611.98 45.65 | |

