

Bill of Quantity for the work Annual maintenance contract for repair/maintenance of main pipeline from Patrattu to Barkakana and Giddi line under Sayal-D Project, Barka-Sayal Area (For one year).

| Sl. No. | Description of work | Qty. | Unit | Updated rate | Updated Amount |
|---------|---|----------|------|--------------|----------------|
| 1 | Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30 cm in depth, 1.5 sqm in width as well as 10 sqm on plan) including disposal of excavated earth lead up to 50 m and lift up to 1.5 m disposed earth to be leveled and neatly dressed. (All kinds of soils). | 1200.00 | cum | 128.05 | 153660.00 |
| 2 | Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5m. | 500.00 | cum | 170.25 | 85125.00 |
| 3 | Providing and laying cement concrete of specified grade excluding the cost of centering and shuttering in all works up to plinth level : 1:2:4 (1cement : 2coarse sand : 4graded stone aggregates 20 mm nominal size). | 10.00 | cum | 6505.95 | 65059.50 |
| 4 | Brick work with FPS bricks of class designation 50 in foundation and plinth using cement mortar 1:6 (1cement : 6coarse sand). | 17.15 | cum | 6080.26 | 104276.46 |
| 5 | 12mm cement plaster of mix: 1:6 (1cement : 6fine sand). | 114.80 | sqm | 212.26 | 24367.45 |
| 6 | Welding by gas or electric plant including transportation of plant at site etc. complete. | 10000.00 | cm | 3.54 | 35400.00 |
| 7 | Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish lead up to 50 m and lift up to 1.5 m. (All kinds of soil). | 5000.00 | sqm | 19.75 | 98750.00 |
| 8 | Providing and fixing bolts including nuts and washers complete. | 80.00 | kg | 111.65 | 8932.00 |
| 9 | Structural Steel work in single section fixed with or without connecting plate including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. | 200.00 | kg | 77.95 | 15590.00 |
| 10 | Pumping out water caused by springs, tidal or river seepage, broken water mains or drains and the like. | 500.00 | kl | 139.10 | 69550.00 |

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| 11 | Providing and laying cement concrete of specified grade excluding the cost of centering and shuttering in all works up to plinth level : 1:2:4 (1cement : 2coarse sand : 4graded stone aggregates 20 mm nominal size). | 10.00 | cum | 6490.90 | 64909.00 |
| | | Total Rs. | | | 725619.41 |
| | | GST @18% | | | 130611.49 |
| | | Total cost Rs. | | | 856230.90 |