

CENTRAL WAREHOUSING CORPORATION
(A GOVT. OF INDIA UNDERTAKING)
Schedule of Quantity

Name of Work: Construction of front side boundary wall & front shed at CW, Musallapur

| S.N o. | Description of Item | Qty. | Unit | Rate | Amount |
|-------------------|--|-------------|-------------|-------------|---------------|
| 1. | Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil. | 27.60 | cum | 166.40 | 4592.64 |
| 2. | Filling with available fly ash and earth (excluding rock) in trenches or embankment in layers (each layer should not exceed 15 cm), with intermediate layer of compacted earth (Soil density of 98%) after every four layers of compacted depth of fly ash, sides & top layer of filling shall be done with earth having total minimum compacted thickness 30 cm or as decided by Engineer - in-charge, including compacting each layer by rolling/ramming and watering, all complete as per drawing and direction of Engineer - in - charge. | 27.60 | cum | 125.75 | 3470.70 |
| 3. | Supplying and Fixing with available fly ash and earth (excluding rock) in trenches or embankment in layers (each layer should not exceed 15 cm), with intermediate layer of compacted earth (Soil density of 98%) after every four layers of compacted depth of fly ash, sides & top layer of filling shall be done with earth having total minimum compacted thickness 30 cm or as decided by Engineer - in-charge, including compacting each layer by rolling/ ramming and watering, all complete as per drawing and direction of Engineer -in - charge. | 7.85 | cum | 250.00 | 1962.50 |
| 4. | Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) | 12.40 | cum | 3959.70 | 49100.28 |
| 5. | Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 Cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 40 mm nominal size) | 0.44 | cum | 4751.65 | 2090.72 |

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|----|---|--------|-----|---------|-----------|
| 6. | Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand) | 38.03 | cum | 5390.45 | 204998.80 |
| 7. | Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. | 972.85 | kg | 67.60 | 65764.66 |
| 8. | Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1 cement : 6 coarse sand) | 2.43 | cum | 5582.85 | 13566.32 |

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| 9. | Providing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required Note:50mm thick sheet with GSM coating.JSW/TATA. | 97.92 | sqm | 400.00 | 39168.00 |
| 10. | Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work | 30.00 | sqm | 78.40 | 2352.00 |
| 11. | Colour washing such as green, blue or buff to give an even shade : New work (two or more coats) with a base coat of white washing with lime | 298.70 | sqm | 23.60 | 7049.32 |
| 12. | Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete. 11.3.1 40 mm thick with 20 mm nominal size stone aggregate | 98.00 | sqm | 362.60 | 35334.80 |
| 13. | 12 mm cement plaster of mix : 1:6 (1 cement: 6 fine sand) | 170.77 | sqm | 160.35 | 27382.96 |
| 14. | 15 mm cement plaster on the rough side of single or half brick wall of mix : 1:6 (1 cement: 6 fine sand) | 127.92 | sqm | 185.20 | 23690.78 |
| 15. | Letter writing on the board CWC pattern | 80.00 | Sq.ft. | 68.99 | 5519.20 |
| | Total: | | | | 486243.70 |