**3. SCHEDULE OF QUANTITIES**

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| --- | --- | --- | --- | --- | --- |
| **CONSTRUCTION OF BOUNDARY WALL FOR ADDITIONAL LAND OF NIT MEGHALYA AT SOHRA:Group-IV** | | | | | |
| **(Plot No.263 & 264-RR masonry wall with chain link fencing and concertina coil on top)** | | | | | |
| **Sl. No.** | **Description** | **Unit** | **Qnty.** | **Rates to be quoted in figure & words & incl. of all taxes (`)** | **Amount (`)** |
|  | **EARTHWORK** |  |  |  |  |
| 1 | Excavation work by mechanical means (hydraulic excavator)/manual means in the foundation trenches or drains(not exceeding 1.5m in width or 10sqm on plan), including dressing of sided and ramming of bottoms, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50m. | cum | 1927.39 |  |  |
|  | Ordinary rock |
|  | **CONCRETE WORK** |  |  |  |  |
| 2 | Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering-All works upto plinth level. | cum | 157.69 |  |  |
| 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size) |
| 3 | Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floors etc. upto floor five level, excluding the cost of centering, shuttering and finishing :of specified grade excluding the cost of centring, shuttering and finishing | cum | 27.42 |  |  |
|  | 1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size). |
|  | **RCC WORKS** |  |  |  |  |
| 4 | Centering and shuttering including strutting, propping etc and removal of form for : |  |  |  |  |
| (a)Foundations, footings, bases of columns etc for mass concrete | sqm | 350.43 |  |  |
| (b)Columns, Pillars, Piers, Abutments, Posts & Struts. | sqm | 365.58 |  |  |
| Steel Reinforcement for RCC works including straightening, cutting, bending, placing in position and binding all complete above plinth level. | kgs | 1640.05 |  |  |
| Thermo Mechanically Treated Bars |
|  | **Stone Work** |  |  |  |  |
| 5 | Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12( 1 cement:6 coarse sand:12 graded stone aggregate 20 mm nominal size) upto plinth level with: | cum | 946.18 |  |  |
| Cement mortar 1:6 (1 cement : 6 coarse sand) |
| 6 | Coursed rubble masonry with hard stone (first or second sort) in superstructure above plinth level and upto floor five level. | cum | 445.67 |  |  |
| Masonry work (first sort), in cement mortar 1:6 (1 cement: 6 coarse sand) |
|  | **Road Work/Fencing Works** |  |  |  |  |
| 7 | Supplying at site welded steel wire fabric of required width having rectangular mesh painted with two or more coats of enamel paint of approved shade over a coat of primer (Priming &Painting to be paid for separately). | kgs | 14281.31 |  |  |
| 8 | Fencing with angle iron post placed at required distance embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be strutted on both sides and end post on one side only and provided with horizontal lines and two diagonals interwoven with horizontal wires, of barbed wire weighing 9.38 kg per 100 m (minimum), between the two posts fitted and fixed with G.I. staples, turn buckles etc. complete. (Cost of posts, struts, earth work and concrete work to be paid for separately). Payment to be made per metre cost of total length of barbed wire used. | mtr | 18397.83 |  |  |
|  | With G.I. barbed wire |
| 9 | Supplying at site Angle iron post & strut of required size including bottom to be split and bent at right angle in opposite direction for 10 cm length and drilling holes upto 10 mm dia. etc. complete. | kgs | 16794.04 |  |  |
| 10 | Welded steel wire fabric fencing with posts of specified material andof standard design placed and embedded in cement concrete blocks45x45x 60 cm of mix 1:5:10 (1 cement:5 fine sand : 10 graded stone aggregate 40 mm nominal size), every 15th post, last but one end post and corner post shall be strutted on both sides and end post onone side only and struts embedded in cement concrete blocks70x45x50 cm of the same mix, provided with welded steel wire fabricfixed between the posts fitted and fixed with G.I. staples on wooden plugs or tied to 6 mm bar nibs with G.I. binding wire (cost of posts, welded steel wire fabric, painting, earth work in excavation and concrete to be paid for separately). | sqm | 1842.75 |  |  |
| 11 | Providing and fixing concertina coil fencing with punched tape concertina coil 600 mm dia 10 metre openable length ( total length 90 m), having 50 nos rounds per 6 metre length, upto 3 m height of wall with existing angle iron 'Y' shaped placed 2.4 m or 3.00 m apart and with 9 horizontal R.B.T. reinforced barbed wire, stud tied with G.I. staples and G.I. clips to retain horizontal, including necessary bolts or G.I. barbed wire tied to angle iron, all complete as per direction of Engineer-in-charge, with reinforced barbed tape(R.B.T.) / Spring core (2.5mm thick) wire of high tensile strength of 165 kg/ sq.mm with tape (0.52 mm thick) and weight 43.478 gm/ metre (cost of M.S. angle, C.C. blocks shall be paid separately) | mtr | 1839.78 |  |  |
|  | **Finishing Works** |  |  |  |  |
| 12 | Pointing on stone work with cement mortar 1:3 ( 1 cement: 3 fine sand) | sqm | 868.52 |  |  |
| Raised and cut pointing |
| 13 | 12 mm cement plaster of mix : | sqm | 2063.19 |  |  |
| 1:4 ( 1 cement: 4 fine sand) |
| 14 | Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : | sqm | 2547.85 |  |  |
| Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture |
| 15 | Finishing walls with textured exterior paint of required shade: | sqm | 2063.19 |  |  |
| New work (Two or more coats applied @ 3.28 ltr/10 sqm) over and including priming coat of exterior primer applied @ 2.20kg/10 sqm) |
| **Total Quoted Amount =** | | | | |  |

**Rupees in words (**

***Dated signature of the Tenderer with Seal***