**3. SCHEDULE OF QUANTITIES**

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|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Construction of Boundary Wall for the Additional Land of NIT, Meghalaya at Sohra:Group-III**  **(Plot No. 268- (CR stone masonry wall with RCC Columns and M.S.Grill on top)** | | | | | | | |
| **Sl.No.** | **Description** | **Qnty.** | | **Units** | | **Rates to be quoted in figure & words & incl. of all taxes (`)** | **Amount (`)** |
|
|  | **E A R T H W O R K** |  | |  | |  |  |
| 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 up to 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50m. | 630.33 | | Cum | |  |  |
| Ordinary rock |
|  | **C O N C R E T E W O R K** |  | |  | |  |  |
| 2 | Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : | 23.53 | | Cum | |  |  |
| 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size) |
|  | **R E I N F O R C E D C E M E N T C O N C R E T E WORK** |  | |  | |  |  |
| 3 | Centering and shuttering including strutting, propping etc. and removal of form for : |  | |  | |  |  |
| (a)Foundations, footings, bases of columns, etc. for mass concrete. | 332.96 | | Sqm | |  |  |
| (b)Lintels, beams, plinth beams, girders, bressumers and cantilevers. | 360.66 | | Sqm | |  |  |
| (c)Columns, Pillars, Piers, Abutments, Posts and Struts. | 282.24 | | Sqm | |  |  |
| 4 | Steel Reinforcement for RCC works including straightening, cutting, bending, placing in position and binding all complete up to plinth level. for RCC work. | 9625.41 | | Kgs | |  |  |
| Thermo-Mechanically Treated Bars - 500D |
| 5 | Steel Reinforcement for RCC works including straightening, cutting, bending, placing in position and binding all complete above plinth level. | 8749.82 | | Kgs | |  |  |
| Thermo-Mechanically Treated Bars - 500D |
| 6 | Providing and laying specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement-All work up to plinth level | 106.28 | | Cum | |  |  |
| 1:1.5:3(1 cement:1.5 coarse sand(zone-III): 3 graded stone aggregate 20 mm nominal size). |
| 7 | Reinforced cement concrete work in walls(any thickness),including attached pilasters, buttresses, plinth and string courses, fillets, columns , pillars, abutments, post and struts etc. above plinth level upto floor five level,, excluding the cost of centering, shuttering, finishing and reinforcement: | 37.18 | | Cum | |  |  |
| 1:1.5:3( 1 cement:1.5 coarse sand(zone-III): 3 graded stone aggregate 20 mm nominal size). |
|  | **S T O N E W O R K** |  | |  | |  |  |
| 8 | 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: | 37.45 | | Cum | |  |  |
| Cement mortar 1:6 (1 cement: 6 coarse sand) |
| 9 | Coursed rubble masonry with hard stone (first or second sort) in superstructure above plinth level and upto flooor five level. | 83.23 | | Cum | |  |  |
| Masonry work (first sort), in cement mortar 1:6 (1 cement: 6 coarse sand) |
|  | **Miscellaneous Work** |  | |  | |  |  |
| 10 | Providing, supplying, fitting, fixing and laying of dressed stone block walling and tile slab(Cherra/local stone block) laid on 25mm thick base in cement mortar 1:3 and jointed with grey cement slurry including clearing, rubbing, etc. completed as directed. | 277.43 | | Sqm | |  |  |
|  |  |  | |  | |  |  |
| 11 | Steel work in welded built-up section/framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. | 11461.66 | | Kgs | |  |  |
| In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works. |
|  | **F I N I S H I N G WORK** |  | |  | |  |  |
| 12 | 12 mm cement plaster of mix : | 701.76 | | Sqm | |  |  |
| 1:4 ( 1 cement: 4 fine sand) |
| 13 | Pointing on stone with cement mortar 1:3 (1 cement: 3 fine sand) : | 282.00 | | Sqm | |  |  |
| Flushed/Ruled pointing |
| 14 | Finishing walls with textured exterior paint of required shade: | 701.76 | | Sqm | |  |  |
| 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) |
| 15 | Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : | 317.25 | | Sqm | |  |  |
| Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture |
|  | **Total Quoted Amount =** | | | | |  |  |
|  | **Rupees in Words(** | |  | |  |  |  |

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