WORKS & SERVICES DEPARTMENT

SUJAWAL

DETAILED WORKING ESTIMATE

FOR

CONSTRUCTION OF MEDICAL DISPENSARY

TO VILLAGE ABDUL RAZZAQUE HINGORJO

DISTRICT SUJAWAL

Amounting to Rs.

OFFICE OF THE

EXECUTIVE ENGINEER BUILDING DIVISION

DISTRICT SUJAWAL.

**DETAILED WORKING ESTIMATE FOR CONSTRUCTION OF MEDICAL DISPENSARY**

**TO VILLAGE ABDUL RAZZAQUE HINGORJO DISTRICT SUJAWAL.**

**SCHEDULE “B” to BID**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **S.No.** | **Item of Work** | | **Quantity** | | **Rate** | | **Unit** | | **Amount** |
|  |  | |  | |  | |  | |  |
| 1. | Excavation in foundation of buildings, bridges and other structures including dig-belling dressing, refilling around structure with exuviated watering and ramming lead upto 5 ft. In ordinary soil (S.I No 18 (b) P-4) | | 4200 Cft | | 3176.25 | | %0 Cft | | 13340.00 |
|  |  | |  | |  | |  | |  |
| 2. | Cement concrete brick or stone ballast 1 ½ “ to 2” gauge ratio 1:4:8 (S/I No 4 (c), P-15). | | 1800 Cft | | 9416.28 | | % Cft | | 169493.00 |
|  |  | |  | |  | |  | |  |
| 3. | C/R masonry with hammer dressed in G/F super struct: with cement sand mortar 1:6. (S/I No 4 (d-iii), P-28) | | 3662 Cft | | 26475.00 | | % Cft | | 969515.00 |
|  |  | |  | |  | |  | |  |
| 4. | Filling watering and ramming earth in floor with surplus from foundation lead upto one chain and lift upto 5 ft. (S/I No 21, P-4) | | 2800 Sft | | 1512.50 | | %0 Cft | | 4235.00 |
|  |  | |  | |  | |  | |  |
| 5. | Filling watering and ramming earth under floor with new earth (excavated from out side) lead upto one chain and lift upto 5 ft.(S.I No 22, P-4) | | 1000 Cft | | 3630.00 | | % 0 Cft | | 3630.00 |
|  |  | |  | |  | |  | |  |
| 6. | P/L 1:3:6 cement concrete solid block masonry Wall above 6” in thickness set in 1:6 cement mortar in Ground Floor super structure including racking out joints and curing etc complete.(S/I No 23, P-19) | | 2828 Cft | | 14621.44 | | % Cft. | | 413494.00 |
|  |  | |  | |  | |  | |  |
| 7. | RCC work i/c all labour and material except the cost of steel reinforcement and its labour bending and binding which will be paid separately. This rate also includes kinds of forms moulds lifiting shuttering cutting finishing and screening washing of shingle. RCC work in roof slabs beams coloum rafts lintels and other structure members set in situ or precast laid in position ratio 1:2:4 90 Lbs cement 2 cft sand 4 cft and 4 cft shingle 1/8” to ¼” gauge. (S/I No 6, P-16) | | 2884 Cft | | 337.00 | | P.Cft | | 971908.00 |
|  |  | |  | |  | |  | |  |
| 8. | Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire (also bars and removal of rust from bars). (S/I No 8 (a),P-17) | | 148.06 Cwt | | 4820.20 | | P.Cwt | | 713679.00 |
|  |  | |  | |  | |  | |  |
| 9. | Providing and Fixing G.I frames /Chowkhats of size 7” x 2” or 4 ½” x3” for door using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts. Filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage. Tools and plants used in making and fixing. (S.I.No.29,P-93) | | 235 Rft | | 228.90 | | P.Rft | | 53792.00 |
|  |  | |  | |  | |  | |  |
| **S.No.** | **Item of Work** | | **Quantity** | | **Rate** | | **Unit** | | **Amount** |
|  |  | |  | |  | |  | |  |
| 10. | Providing and Fixing G.I frames /Chowkhats of size 7” x 2” or 4 ½” x3” for windows using 20 gauge G.I sheet i/c welded hinges and fixing at site with necessary hold fasts. Filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i/c all carriage. Tools and plants used in making and fixing. (S.I.No.28, P-93) | | 510 Rft | | 240.50 | | P.Rft | | 122655.00 |
|  |  | |  | |  | |  | |  |
| 11. | First class deodar wood wrought joinery in doors and windows etc fixed in position i/c chowkats hold fast rings iron tower bolts chocks degats handles and cards with hooks etc complete deodar paneled glazed or fully glazed 1-¾” thick.(S/I No 7 (b),P-58) (Shutter Only). | | 688 Sft | | 902.93 | | P.Sft | | 621216.00 |
|  |  | |  | |  | |  | |  |
| 12. | Making & fixing steel grated door with 1/16” thick with sheeting including angle iron frame 2”x2”x3/8” and ¾” square bars 4” center to center with locking arrangement. (S.I.No.24, P-92). | | 60 Sft. | | 726.72 | | P.Sft | | 43603.00 |
|  |  | |  | |  | |  | |  |
| 13. | Cement plaster 1:6 upto 20’ ft height 3/4” thick.  (S.I.No.11 (a), P-58). | | 9000 Sft. | | 2590.50 | | % Sft. | | 233145.00 |
|  |  | |  | |  | |  | |  |
| 14. | Cement pointing raised on stone work in cement mortar 1:3 (S.I 20 (c-ii), P-53) | | 2100 Sft | | 1758.08 | | % Sft | | 36920.00 |
|  |  | |  | |  | |  | |  |
| 15. | P/L C.C topping 1:2:4 i/c surface finishing and dividing into panels 1” thick (S/I No 16 (a), P-42). | | 1900 Sft | | 3275.50 | | % Sft | | 62235.00 |
|  |  | |  | |  | |  | |  |
| 16. | Cement Concrete plain including placing compacting, finishing and curing, complete (including, screening and washing of stone aggregate without shuttering. Ratio 1:3:6. (S/I No-5 (f), P-16). | | 250 Cft | | 12595.00 | | % Cft. | | 31488.00 |
|  |  | |  | |  | |  | |  |
| 17. | Laying floor of approved with glazed tile ¼ “ thick in white cement 1.2 over ¾ “ thick cement mortar 1:2 complete. (S.I No 24, P-43) | | 114 Sft | | 27678.86 | | % Sft | | 31554.00 |
|  |  | |  | |  | |  | |  |
| 18. | White glazed tiles ¼ “ thick dado jointed in white cement and laid over ½ “ cement sand mortar ¾ “ thick including finishing. (S.I No 37, P-45) | | 353 Sft | | 28253.61 | | % Sft | | 99735.00 |
|  |  | |  | |  | |  | |  |
| 19. | Providing and laying tiles glazed 6”x 6”x1/4” on floor or wall facing in required color and pattern of style specification jointed in with cement and pigment or over a base of 1:2 gray cement mortar ¾” thick including washing and filling of joints with slurry of white cement and pigment desired shape with fixing, coloring and cost of wax polish etc complete including cutting tiles to proper profile.(S.I.No.60,P-47) | | 1308 Sft. | | 30509.77 | | % Sft | | 399068.00 |
|  |  | |  | |  | |  | |  |
| **S.No.** | **Item of Work** | | **Quantity** | | **Rate** | | **Unit** | | **Amount** |
|  |  | |  | |  | |  | |  |
| 20. | Providing and laying Hala or pattern tiles glazed 8”x8”x1/4” on floor wall facing in required pattern of stile specification jointed in white cement and pigment over a base of 1:2 grey cement mortar ¾” thick including washing and fitting of joints with slurry of white cement and pigment in desired shape with finishing cleaning and cost of wax polish etc complete i/c cutting tiles to proper profile. (S.I.No.62,P.No.48) | | 200 Sft | | 34520.31 | | % Sft. | | 69041.00 |
|  |  | |  | |  | |  | |  |
| 21. | Primary coat of chalk under distemper. (S.I.No.23, P.54) | | 9000 Sft. | | 442.75 | | % Sft. | | 39848.00 |
|  |  | |  | |  | |  | |  |
| 22. | Distempering 2 coats (S.I No 24 (b), P-54) | | 9000 Sft | | 1079.65 | | % Sft | | 97169.00 |
|  |  | |  | |  | |  | |  |
| 23. | Painting new surface Preparing surface and painting doors and windows three coats. (S.I No 5 (c), P-70) | | 1376 Sft | | 896.39 | | % Sft | | 12334.00 |
|  |  | |  | |  | |  | |  |
| 24. | Preparing surface and Painting guard bars, gates iron bars gratings railings including standard braces (etc) and similar open work 2-coats. (S.I.No.5(d-i),P-70) | | 120 Sft. | | 2116.41 | | % Sft. | | 2540.00 |
|  |  | |  | |  | |  | |  |
| 25. | Supplying & fixing in position iron steel grill of approved design of ¾”x1/4” size flat from i/c painting three coats. etc complete (Weight not to be less than 3.7 lbs/Sq. Foot of finished grill). (S.I No 26, P-93) | | 272 Sft | | 180.50 | | P.Sft | | 49096.00 |
|  |  | |  | |  | |  | |  |
| 26. | Galvanized wire gauze fixed to chowkaths with ¾ “ thick deodar strip and screws. (S.I No 14 (d) P-60) | 344 Sft | | 190.72 | | Per Sft | | 65608.00 | |
|  |  |  | |  | |  | |  | |
| 27. | Two coats of bitumen laid hot using 34 Lbs per % Sft over roof and sand blinded one cft % Sft. (S.I No 13, P-35) | 1900 Sft | | 1887.40 | | % Sft | | 35861.00 | |
|  |  |  | | **Total Rs :-** | | | | **53,66,202.00** | |

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| **CONTRACTOR** | **ASSISTANT ENGINEER**  **BUILDINGS SUB-DIVISION**  **MIPUR BATHORO/JATI** | **EXECUTIVE ENGINEER**  **BUILDING DIVISION**  **SUJAWAL.** |