WORKS & SERVICES DEPARTMENT

SUJAWAL

DETAILED WORKING ESTIMATE

FOR

UP-GRADATION OF RURAL HEALTH CENTRE CHUHAR JAMALI TO THE LEVEL OF TALUKA HOSPITAL SHAH BUNDER @ CHUHAR JAMALI (24 BADED & MUSAFIR KHANA) DISTRICT THATTA/SUJAWAL

(MUSAFIR KHANA ONLY)

Amounting to Rs. .00

OFFICE OF THE

EXECUTIVE ENGINEER BUILDING DIVISION

DISTRICT SUJAWAL.

**DETAILED WORKING ESTIMATE FOR UP-GRADATION OF RURAL HEALTH CENTRE CHUHAR JAMALI TO THE LEVEL OF TALUKA HOSPITAL SHAH BUNDER @ CHUHAR JAMALI**

**(24 BADED & MUSAFIR KHANA) DISTRICT THATTA/SUJAWAL**

**(MUSAFIR KHANA ONLY)**

**SCHEDULE “B” to BID**

|  |  |  |  |  |  |  |  |  |  |
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| **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) | | 2500 Cft | | 3176.25 | | %0 Cft | | 7941.00 |
|  |  | |  | |  | |  | |  |
| 2. | Cement concrete brick or stone ballast 1 ½ “ to 2” gauge ratio 1:4:8 (S/I No 4 (c), P-15). | | 1068 Cft | | 9416.28 | | % Cft | | 100566.00 |
|  |  | |  | |  | |  | |  |
| 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) | | 2688 Cft | | 26475.00 | | % Cft | | 711648.00 |
|  |  | |  | |  | |  | |  |
| 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) | | 1700 Cft | | 1512.50 | | %0 Cft | | 2571.00 |
|  |  | |  | |  | |  | |  |
| 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) | | 1900 Cft | | 3630.00 | | % 0 Cft | | 6897.00 |
|  |  | |  | |  | |  | |  |
| 6. | C/R masonry with hammer dressed in G/F super structure with cement sand mortar 1:6. (S/I No 4 (d-iii), P-28) | | 3010 Cft | | 27034.98 | | % Cft | | 813753.00 |
|  |  | |  | |  | |  | |  |
| 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) | | 1724 Cft | | 337.00 | | P.Cft | | 580988.00 |
|  |  | |  | |  | |  | |  |
| 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) | | 92.35 Cwt | | 4820.20 | | P.Cwt | | 445145.00 |
|  |  | |  | |  | |  | |  |
| 09. | Cement plaster 1:6 upto 20’ ft height 3/4” thick.  (S.I.No.11 (a), P-58). | | 3260 Sft. | | 2590.50 | | % Sft. | | 84450.00 |
|  |  | |  | |  | |  | |  |
| 10. | Cement plaster 1:4 upto 20’ ft height 3/8” thick.  (S.I.No.11 (a), P-58). | | 3260 Sft. | | 2197.52 | | % Sft. | | 71639.00 |
|  |  | |  | |  | |  | |  |
| **S.No.** | **Item of Work** | | **Quantity** | | **Rate** | | **Unit** | | **Amount** |
|  |  | |  | |  | |  | |  |
| 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) | | 426 Sft | | 1273.76 | | P.Sft | | 384648.00 |
|  |  | |  | |  | |  | |  |
| 12. | Cement Concrete plain including placing compacting, finishing and curing, complete (including, screening and washing of stone aggregate without shuttering. Ratio 1:2:4. (S/I No-5 (f), P-16). | | 220 Cft | | 14429.25 | | % Cft. | | 31744.00 |
| 13. | 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) | | 1317 Sft | | 27678.86 | | % Sft | | 364530.00 |
|  |  | |  | |  | |  | |  |
| 14. | 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) | | 1014 Sft | | 28253.61 | | % Sft | | 292425.00 |
|  |  | |  | |  | |  | |  |
| 15. | Primary coat of chalk under distemper. (S.I.No.23, P.54) | | 1317 Sft. | | 442.75 | | % Sft. | | 5831.00 |
|  |  | |  | |  | |  | |  |
| 16. | Distempering 2 coats (S.I No 24 (b), P-54) | | 1317 Sft | | 1079.65 | | % Sft | | 14219.00 |
| 17. | Preparing the surface and painting with matt finish i,c rubbing the surface with bathy (Silicon carbide rubbing brick) filling the voids with Zink/Chalk/ Plaster of Paris mixture, applying first coat premix making the surface smooth and then painting 3-coats with matt finish of approved make etc complete. (New surface). | | 3260 Sft | | 1989.62 | | % Sft | | 64862.00 |
| 18. | Galvanized wire gauze fixed to chowkaths with ¾ “ thick deodar strip and screws. (S.I No 14 (d) P-60) | 300 Sft | | 190.72 | | Per Sft | | 57216.00 | |
|  |  |  | |  | |  | |  | |
| 19. | 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) | | 300 Sft | | 180.50 | | P.Sft | | 54150.00 |
|  |  | |  | |  | |  | |  |
| 20. | Painting new surface Preparing surface and painting doors and windows three coats. (S.I No 5 (c), P-70) | | 888 Sft | | 896.39 | | % Sft | | 7960.00 |
|  |  | |  | |  | |  | |  |
| 21. | P/L C.C topping 1:2:4 i/c surface finishing and dividing into panels 2” thick (S/I No 16 (a), P-42). | | 2184 Sft | | 3275.50 | | % Sft | | 71537.00 |
|  |  | |  | |  | |  | |  |
| 22. | 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) | 2184 Sft | | 1887.40 | | % Sft | | 41221.00 | |
|  |  |  | |  | |  | |  | |

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| **S.No.** | **Item of Work** | | **Quantity** | | **Rate** | **Unit** | | **Amount** |
|  |  | |  | |  |  | |  |
| 23. | 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) | | 34 Sft | | 34520.31 | % Sft. | | 11737.00 |
|  |  | |  | |  |  | |  |
| 24. | Cement pointing raised on stone work in cement mortar 1:3 (S.I 20 (c-ii), P-53) | | 2077 Sft | | 1758.08 | % Sft | | 36515.00 |
|  |  |  | | **Total Rs :-** | | | **42,64,193.00** | |

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| **CONTRACTOR** | **ASSISTANT ENGINEER**  **BUILDINGS SUB-DIVISION**  **SUJAWAL/SHAH BUNDER** | **EXECUTIVE ENGINEER**  **BUILDING DIVISION**  **SUJAWAL.** |