

| SCHEDULE OF QUANTITY  |   |        |     | Estimated Cost :- Rs 6,96,133/- Only |          |                 |        |
|---|---|--------|-----|--------------------------------------|----------|-----------------|--------|
| Name of Work :- Aug. of LWSS Khuddi Ras and Dugh Todal Gadyara in Tehsil Lad-Bharol Distt Mandi (HP)                |   |        |     | Earnest Money:- Rs. 13,950/- Only    |          |                 |        |
| (SH:- C/O 1 Nos. Pump house cum Chowkidar quarter , Main Storage Tank of 126500 Liter Capacity).at Village Surgani) |   |        |     | Time: Six Months                     |          |                 |        |
| Sr. No.   | Description of item   | Qty    |     | Rate                                 |          | Unit.           | Amount |
|   |   |        |     | In Fig.                              | In words |                 |        |
| 1   | Excavation in foundation and trenches etc. in earth work in all kind of soil such as pick work jumper work,saturated soil including bailing or pumping out water, blasting soft/hard rock, chiseling soft/hard rock where blasting is prohibited in all lifts including trimming and dressing of sides, levelling of bed, stacking the excavated soil clear from the edge of excavation and then returning the excavated soil in 15cm. layers including consolidating each deposited layer by ramming , watering and then disposing of all surplus excavated soil as directed in all leads/lifts and shoring strutting,timbering and dewatering where ever required as per direction of the Engineer-in-Charge. | 137.93 | Cum |                                      |          | Per Cubic metre |        |
| 2   | Providing and laying cement concrete 1:6:12 (1cement:6 sand:12 graded stone aggregate 40mm nominal size) and curing complete excluding cost of from work in foundation and plinth complete in all respect with in all leads and lift and as per the entire satisfaction of Engineer-in Charge.  | 16.06  | Cum |                                      |          | Per Cubic metre |        |
| 3   | Providing and laying cement concrete 1:3:6 (1cement:3 sand:6 graded stone aggregate 40mm nominal size) and curing complete excluding cost of from work in foundation and plinth complete in all respect with in all leads and lifts and as per the entire satisfaction of Engineer-in Charge.   | 4.94   | Cum |                                      |          | Per Cubic metre |        |
| 4   | Providing and laying cement concrete 1:1.5:3 (1cement:1.5 sand : 3graded stone aggregate 20mm nominal size)and curing complete excluding cost of form work and re-inforcement for reinforced concrete work in:-   |        |     |                                      |          |                 |        |
| (a)   | Wall (any thickness but not less than 0.1 m thickness) attached pillasters, buttresses, plinth and string courses, etc. from top of foundation level upto floor two level complete with in all leads and lifts as per direction of the Engineer-in-Charge.  | 11.68  | Cum |                                      |          | Per Cubic meter |        |
| (b)   | Foundation , footing basis of columns & the like and mass concrete complete in all respect and as per the direction of Enginer-in-Charge  | 9.91   | Cum |                                      |          | Per Cubic meter |        |
| 5   | Random rubble masnory/ polygonal rubble masonry(uncoursed/brought to courses) with hard stone of apporved quailty in foundation &plinth including levelling up with cement concrete 1:6:12(1Cement :6 sand :12graded stone aggregate) in cement mortar 1:6 complete in all respect and as per the direction of Enginer-in-Charge  | 25.95  | Cum |                                      |          | per cubic metre |        |
| 6   | Boulder filling under floor complete in all respect and as per the direction of Enginer-in-Charge   | 7.15   | Cum |                                      |          | per cubic metre |        |

|     |  |         |      |  |  |  |                   |
|-----|--|---------|------|--|--|--|-------------------|
| 7   | Providing form work of steel plate 3.15mm thick planking so as to give a rough finish including shuttering, centring, shuttering and propping height of propping and centring below supporting floor to ceiling not exceeding 4 mtrs and removal of the same for in-situ reinforced concrete and plain concrete work in lintels, beams etc. including all leads and lifts in:- |         |      |  |  |  |                   |
| (a) | Vartical surface such as walls (any thickness) portion and the like including attached pillars, buteress plinth and staircases and the like.   | 167.99  | Sqm  |  |  |  | Per square metre  |
| (b) | Arches (Dome)  | 47.48   | Sqm  |  |  |  | Per square metre  |
| (c) | Beams ,cantilevers, girders and lintels up to floor to level with in all leads and lift.   | 25.73   | Sqm  |  |  |  | Per square metre  |
| (d) | Sloping or battering surfaces including folded plates with in all leads and lift.  | 61.35   | Sqm  |  |  |  | Per square metre  |
| (e) | Flat surfaces such as soffits of suspended floors roofs landing and the like . Floors etc up to 200mm in thickness.  | 74.00   | Sqm  |  |  |  | Per square metre  |
| (f) | Edges of slabe and breaks in floors & walls under 20 cm. wide.   | 45.20   | Rmt  |  |  |  | Per running meter |
| 8   | Providing and fixing man hole cover with frame 500mm dia (medium duty)Total weight of frame and cover should not be less than 116 Kg.(Weight of frame 58Kg and weight of cover 58Kg.)  | 1.00    | No.  |  |  |  | Each              |
| 9   | Laying,Jointing, testing of GI pipe (Light grade) tube fitting for inlet pipe, outlet pipe and scour pipe complete with in all leads & lifts as per the direction of Engineer-in-Charge.   |         |      |  |  |  |                   |
|     | (a) Inlet pipe =100 mm   | 5.00    | Nos. |  |  |  | Each              |
|     | (b) Out let pipe=150 mm  | 5.00    | Nos. |  |  |  | Each              |
|     | (c) Scour pipe=150 mm  | 5.00    | Nos. |  |  |  | Each              |
| 10  | Providing 200mm wide cast iron rungs with chequered or ribbed nod slip surface including fixing in manholes with 200x200x100mm cement concrete 1:3:6 (1cement:3sand :6 graded stone aggregate 20mm nominal size) complete in all respect with in all leads and lifts as per direction of the Engineer-in-Charge.   | 13.00   | Nos. |  |  |  | Each              |
| 11  | Providing and laying cement concrete 1:2:4(1cement:2 sand:4 graded stone aggregate 20mm nominal size) and curing cimplete excluding cost of form work in foundation and re-inforcement for reinforced concrete work in:  |         |      |  |  |  |                   |
| (a) | Suspended floor ,roofs, lendings and shalves and thier supports balconies, beam griders and bressumers and cantiliver upto floor two level with in all leads and lifts.  | 21.53   | Cum  |  |  |  | Per Cubic metre   |
| 12  | Providing tor steel reinforcement for reinforced cement concrete work including bending,binding in position complete upto floor two level complete in all respect and as per the direction of Engineer-in-Charge   | 4171.70 | Kg.  |  |  |  | Per kilograme     |
| 13  | Brick work using common burunt clay building bricks in supper structure in cement mortar 1:6 ( 1 cement : 6 sand )complete in all respect and as per the direction of Engineer-in-Charge.  | 33.83   | Cum  |  |  |  | per cubic metre   |

|    |  |        |         |  |  |                  |  |
|----|--|--------|---------|--|--|------------------|--|
| 14 | Providing wood work in frames of doors,windows,clearestory,windows and other frames wrought, framed and fixed in position ( 2nd Class deodar wood) complete in all respect and as per the direction of Engineer-in-Charge.   | 0.55   | Cum     |  |  | per cubic metre  |  |
| 15 | Providing and fixing panned glazed or panned and glazed shutters for doors, windows and clerestory windows, including black enamelled iron butt hinges with necessary screws 40 mm thick 2nd class deodar wood complete in all respect and as per the direction of Engineer-in-Charge  | 15.55  | Sqm     |  |  | Per square metre |  |
| 16 | Providing & fixing M.S. grils of required pattern in wooden frame of window etc. with M.S. flats square or round barswith round headedbolts and nuts by screws plan grils complete in all respect and as per the direction of Engineer-in-Charge   | 1.04   | Quintel |  |  | Per Quintal      |  |
| 17 | Cement concrete flooring 1:2:4 (1cement:2sand:4 graded stone aggregate 20mm nominal size) laid in one layer finished black with a floating coat of neat cement 40mm thick complete in all respect and as per the direction of Engineer-in-Charge   | 48.28  | Sqm     |  |  | Per square metre |  |
| 18 | 6mm cement plaster to ceiling in cement mortar 1:3 (1cement:3sand) complete in all respect and as per the direction of Engineer-in-Charge.   | 74.32  | Sqm     |  |  | Per square metre |  |
| 19 | 15 mm cement plaster in single coat on rough side of brick/ manory stone masonry, concrete walls for interior plastering upto floor two level including arrises internal rounded angles, chambers and or rounded angles not exceeding 80mm in girth and finsihed even and smooth in cement mortor 1:6 (1cement:6sand) complete in all respect and as per the direction of Engineer-in-Charge | 123.88 | Sqm     |  |  | Per square metre |  |
| 20 | Flushing pointing on brick work with cement mortor 1:3 (1cement :3sand) complete in all respect with in all leads and lift and as per the direction of Engineer-in-Charge.   | 97.97  | Sqm     |  |  | Per square metre |  |
| 21 | White washing with lime on un-decorated wall surfaces (with two coats) to give an even shade including thoroughly brooming the surface to remove all dirt,dust,mortor dirt and other foreign mattercomplete in all respect and as per direction of Engineer-in-Charge  | 198.20 | Sqm     |  |  | Per square metre |  |
| 22 | Applying a coat over new wood and wood based surfaces after and including preparing the surface by thoroughly cleaning oil, grease, dirt,and other foreign matter , sand papering and knotting ready mixed paint brushing wood primer pink complete in all respect and as per direction of Engineer-in-Charge.   | 34.99  | Sqm     |  |  | Per square metre |  |
| 23 | Painting two coats ( excluding priming coat ) on new wood and wood based surfaces with enamel paint to give even shade including cleaning the surface of dust and other foreign matter, sand preparing and stopping with enamel paint other than white complete in all respect and as per direction of Engineer-in-Charge.   | 34.99  | Sqm     |  |  | Per square metre |  |
| 24 | Providing and fixing 300x16mm mild steel sliding door, bolts.  | 2.00   | Nos     |  |  | Each             |  |
| 25 | Providing and fixing anodised M.S. Tower bolts (Barrel type) with necessary screws etc.complete in all respect and as per direction of Engineer-in-Charge.   |        |         |  |  |                  |  |
|    | (a) 250 x 10 mm.   | 4.00   | Nos     |  |  | Each             |  |
|    | (b) 150 x 10 mm.   | 26.00  | Nos     |  |  | Each             |  |
| 26 | Providing and fixing Oxidized M S Handlewith necessary srews etc complete in all respect and as per direction of Engineer-in-Charge. 125 mm  | 20.00  | Nos     |  |  | Each             |  |

|                             |   |       |     |  |  |                  |                                  |
|-----------------------------|---|-------|-----|--|--|------------------|----------------------------------|
| 27                          | Providing plinth protection 50mm thick in cement concrete 1:3:6 (1cement:3sand:6graded stone aggregate 20mm nominal size) including finishing the top surface of concrete smooth complete in all respect and as per direction of Engineer-in-Charge.                                      | 17.73 | Sqm |  |  | Per square metre |                                  |
| 28                          | Providing under layer for plinth protection of 75mm thick (unconsolidated) bed of dry brick/stone aggregate 40mm nominal size) well remmed and consolidated and grouted with fine sand including preparation of ground omplete in all respect and as per direction of Engineer-in-Charge. | 23.64 | Sqm |  |  | Per square metre |                                  |
| 29                          | Half brick masonry in common brunt clay building bricks in cement mortor 1:4 ( 1 cement:4 sand )With in all lead and lifts and entire satisfaction of Engineer-in Charge.   | 17.38 | Sqm |  |  | Per square metre |                                  |
| <b>Terms and conditions</b> |   |       |     |  |  | <b>Total :</b>   |                                  |
| 1                           | The work shall be excuted as per IPH specification & to the entire satisfaction of Engineer-in-Charge.  |       |     |  |  |                  |                                  |
| 2                           | The contractor shall be fully responsible for watch and ward of material at the site of work and in case of any theft or loss the recovery shall be made at the double cost of store issue rates.   |       |     |  |  |                  |                                  |
| 3                           | Cement and steel will be supplied by the department at Sub-Divisional store Lad Bharol, Cement @ Rs. 223/- per Bag and steel @ Rs. 4874/-per qtl. on proper indents.  |       |     |  |  |                  |                                  |
| 4                           | The work shall be completed with in stipulated period.  |       |     |  |  |                  |                                  |
| 5                           | The rates are inclusive of all carraige of material to the site of work in all leads and lifts.   |       |     |  |  |                  |                                  |
| 6                           | The concrete should be volume batched, machinically mixed and vibrated only mechanically crushed stone aggregate should be used in concrete works.  |       |     |  |  |                  |                                  |
| 7                           | The sand will be used from the opproved quarry.   |       |     |  |  |                  |                                  |
| 8                           | The crushed stone aggregate will be used  |       |     |  |  |                  | <b>Executive Engineer,</b>       |
| 9                           | Nothing shall be paid for rejected work/ materials.   |       |     |  |  |                  | <b>I&amp;PH,Division Padhar.</b> |
| 10                          | 1% Labour cess will be deducted from the bill of contractor.  |       |     |  |  |                  |                                  |