

**DNIT/SCHEDULE OF QUANTITY**

Name of work :- Aug./Extension of LWSS Karyali in Tehsil Indora Distt. Kangra HP  
(SH:-C/O Percolation well 6 mtr dia 10 mtr deep)

Estimated cost :-920322/-  
E/Money:-13805/-  
Time :- 6 months

| Sr. No. | Description of items   | Qty.       | Rate |        | Unit. | Amount |
|---------|--|------------|------|--------|-------|--------|
|         |  |            | Fig  | Words. |       |        |
| 1       | Earth work in foundation in all kinds of earth work i.e. spade work, pick work, jumper work blasting work, hard blasting, chiseling and saturated soil for digging well in dry excavation from ground level etc., the level where well curve is placed including depositing soil in 20mtr radius and filling spade out side the well after completion as directed by the Engineer-in-charge.                   | 41.87 Cum  |      |        | P/cum |        |
| 2       | Well sinking in all classification of earth work such as pick work, jumper work saturated soil including bailing or pumping out water blasting trimming and dressing of sides including shuttering, strutting plankings timbering and dewatering wherever required and then disposing of all surplus excavated soil dredged out unserviceable material as per directed within all leads and lifts.             |            |      |        |       |        |
| a.      | From spring level to 3.00 mtr below spring level including all leads and lifts.  | 125.61 Cum |      |        | P/cum |        |
| b.      | Exceeding 3 mtr but upto 6 mtr below spring level including all leads and lifts.   | 125.61 Cum |      |        | P/cum |        |
| c.      | Exceeding 6 mtr but upto 9 mtr below spring level including all leads and lifts.   | 125.61 Cum |      |        | P/cum |        |
| 3       | Providing and laying cement concrete work 1:2:4(1cement :2sand: 4graded stone agg., 20mm nominal size) & curing complete excluding the cost of form work and reinforcement for reinforced concrete work in well stening within all leads and lifts as per satisfaction of E-in-charge.   | 6.70 Cum   |      |        | P/cum |        |
| 4       | Providing and laying cement concrete work 1:2:4(1cement :2sand: 4graded stone agg., 20mm nominal size) & curing complete excluding the cost of form work and reinforcement for reinforced concrete work in columns pillars posts and struts upto floor two level within all leads and lifts as per satisfaction of E-in-charge..   | 13.5 Cum   |      |        | P/cum |        |
| 5       | Providing and laying cement concrete work 1:2:4(1cement: 2sand: 4graded stone agg., 20mm nominal size) & curing complete excluding the cost of form work and reinforcement for reinforced concrete work in suspended floors, roofs, landing shelves and their supports balconies beams girders bressumers and cantilevers upto floor two level within all leads and lifts as per satisfaction of E-in-charge.. | 25.5 Cum   |      |        | P/cum |        |

|    |   |            |       |
|----|---|------------|-------|
| 6  | Providing, laying no fine cement concrete 1:6 (1cement:6sand) graded stone agg.,20mm nominal size) & curing complete excluding the cost of form work and reinforcement for reinforced concrete work in wall staining within all leads and lifts as per satisfaction of E-in-charge..  | 64.69 Cum  | P/cum |
| 7  | Brick work using common burnt clay building bricks in foundation and plinth in cement mortar 1:4 (1cement:4sand) within all leads and lifts as per satisfaction of E-in-charge. (2nd class)   | 18.25 Cum  | P/cum |
| 8  | Providing form work with steel plates 3.15mm thick 3.15mm thick welded with angle iron frame 30x30x5mm so as to give a fair finish including centring, shuttering, strutting and propping etc., with wooden battens and ballies height of propping and centring below supporting floor to ceiling not exceeding upto any height and removal of the same for in-situ reinforced concrete and plain concrete work in: |            |       |
| a. | Flat surface such as soffits of suspended floors, roofs, and the like floor etac upto 200mm in thickness within all leads and lifts as per satisfaction of E-in-charge..  | 34.99 Sqm  | P/sqm |
| b. | In Column pillars posts and struts square of rectangular polygonal place within all leads and lifts as per satisfaction of E-in-charge..  | 86.40 Sqm  | P/sqm |
| c. | In Vertical surface such as wells (any thickness) partitions and like including attached pillasters plinth and string courses and the like within all leads and lifts as per satisfaction of E-in-charge.   | 205.55 Sqm | P/sqm |
| d. | In Beams, cantilevers girders and lintles sides and soffits or beams beam haunching cantilevers girders, bressumers and lintles not exceeding one meter in depth within all leads and lifts.  | 123.29 Sqm | P/sqm |
| e. | Well steining complete in all respect within all leads and lifts.   | 39.02 Sqm  | P/sqm |
| 9  | Providing and laying cement concrete work 1:4:8 (1cement: 4sand: 8graded stone agg., 40mm nominal size) & curing complete excluding the cost of form work in foundation and plinth within all leads and lifts.  | 1.86 Cum   | P/cum |
| 10 | First class brick flooring laid dry and grouted with cement mortar 1:4 (1cement:4sand) including finishing the joints flush 11.20 cm thick (using conventional bricks) within all leads and lifts.  | 24.80 Sqm  | P/sqm |
| 11 | 15mm cement plaster in single coat on fair side of brick/concrete/stone walls for interior plastering upto floor two level including arrises internal rounded angles not exceeding 80mm in girth and finished even and smooth in CM 1:3 (1cement:3sand) within all leads and lifts.   | 59.37 Sqm  | P/sqm |
| 12 | Providing mild steel/tor steel reinforcement for RCC including bending, binding & placing in position complete upto floor two level within all leads and lifts.   | 2646.23 Kg | P/kg  |

|    |   |          |                    |
|----|---|----------|--------------------|
| 13 | Steel work in single section i/c cutting hoisting fixing in position & applying priming coat of red lead paid in RS joint channels tees within all leads and lifts.   | 9.30 Qtl | P/ctl              |
| 14 | Providing and fixing 500mm nominal dia meter CI cover (medium duty) with frame weight not less than 116 kg within all leads and lifts.  | 2 Nos.   | Each               |
| 15 | Providing and fixing 100mm nominal size of pipe and cast iron spun spigot socket soil waste and ventilating including ventilator within all leads and lifts.  | 2 Nos.   | Each               |
| 16 | Providing and fixing 200mm wide cast iron rungs (as per approved design) with cement concrete 1:3:6 (1cement:3sand:6graded stone agg., 20mm) 200x200x200mm block as per standard design within all leads and lifts. | 40 Nos.  | Each               |
|    |   |          | <b>Total</b> <hr/> |

**TERMS AND CONDITIONS:-**

- 1 The work shall be carried out as per IPH specification & relevant ISI code as per direction of Engineer-in-charge & scope of work.
- 2 Nothing shall be paid for rejected material/work.
- 3 Security, sale tax, income tax will be deducted as per prevalent rule.
- 4 Cement @ 210/- per bag and steel 3230/- per qtl., will be issued as per proper indent at divisional store at Indora.
- 5 In case of any loss during transitor at site of work or excess of quantity of material issue & but not returned back. The recovery will be made from the contractor/firm at the double of the store issue rates or market rates which ever is higher.
- 6 The earth work shall be (excaation) done by mannual labour & the use of JCB or mechanical earth excavator is strictly prohibited.
- 7 The contractor shall arrange water/electricity if required for the excavation of the work at his own cost.
- 8 The contractor shall be machine mixed and vibrator shall be used for completion.
- 9 The concrete shall be machine mixed and vibrator shall be used for compaction
- 10 During sinking of well if the required discharge is not available upto the awarded depth, you shall beyond this and the rate of sinking item shall be same premium on awarded rate.
- 11 The shuttering to be used forRCC work shall be of steel plates.
- 12 The minimum cover to reinforcement in water retaining structure shall be 25mm or dia of main bar which ever is greater on water face and for other conditions cover shall be as per IS-456-2006.
- 13 To ascertain the quality and strength of concrete test cubes for every concrete mix shall be collected in the presence of E-in-charaage and got tested inGovt., lab, at your own cost in accordance with BIS-456-2000. The retult shall be furnished to the deptt., regularly giving data wise detail of cubes taken and tested.
- 14 All type of joints shall be provided as per the provisions made in BIS-3370 and BiS-456.
- 15 The water retaining structure alongwith interconnecting/piping arrangement shall be tested successfully for water tightness after the completion of work within the cost of my offer.
- 16 Work completed within the stipulated period.

**Executive Engineer,  
I&PH Division Indora.**