

**DNIT/SCHEDULE OF QUANTITY**

Estimated cost:- 496300/-

**NAME OF WORK:- Providing LWSS to SCSP village Narnooch and Kutkana in Tehsil Fatehpur Distt. Kangra (HP) (SUB-HEAD:-Construction of RCC.Over Head Storage Tank of 35000 Liters capacity with 10 Metres staging height at Node No-3 for Phase-II )**

Earnest Money:- 9926/-

Time:-3 Months.

S.No.	Descriptions of items	Qty.	Rates in		Unit	Amount
			Fig.	Words.		
1	2	3	4	5	6	7

- 1 Construction of RCC over head tank **35000** ltr cap., with **10.00** mtr staging height from ground level to bottom of dome slab comprising of inlet, scour & over flow pipes as per details given below from ground level to top dome of tank including GI bends of required degree, valves of required size conforming to relevants code MS stair case i/c Mild steel flat railing around the container as well as around the complete stair case from bottom to top as per IS-specificaiton, steel ladder inner and outer side with required dia metre of MS flat of usual height as per site requirement, **SFRC** manhole cover of **500mm** dia and weight of frame and cover should not be less than 45 kg., ventilator at top dome with minimum opeining of 45x450cms, water level indicator including floats and measuring gauge, lightening conductor with complete earthing arrangement etc. The RCC over head reservoir shall include randering/plastering of the uneven exposed surface, two coats of snowcem paint and any other component required for the completion of the job to the entire satisfacion of Engineer-in-charge. The offers shall also include details structural drawing/ design based on bearing capacity of soil of proposed site and same shall be approved from the competet authority , design calculation expansion joints as required at site. The offer shall also include the cost of providing and fixing of **GMS/ MS** pipes, duly flanged and sluice valve of required dia metre fitting complete including duck foot bends, puddle collers , expansion joints etc connecting with rising main & distribution main with required length from the edge of foundation and any other component required for the completion of job upto the entire satisfaction of Engineer-in-charge.

35000 Ltr.

P/ltr

- Inlet pipe - 65 mm dia  
 Outlet pipe - 65 mm dia  
 Scour pipe - 65 mm dia

<b>Total</b>	
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(Rs. Four lac ninety six thousand three hundred only)

**Terms and conditions :-**

- Security , GST/sale tax, Income tax and labour cess will be deducted from each running bill as per relevant rules
- Three set of structural drawing and design shall be supplied by the firm witiin two weeks after issue of award letter after ascertaining the bearing capacity soil test in the presence of Engineer-in-Charge from the reputed firm at his own cost.
- The size of the manhole cover will be as per IS specification.
- Testing for water tightness stability of the over head tank will be the contractors responsibility.
- The water will be arranged by the contractor for the construcion of the work and filling of the tank at his risk and cost.
- All equipments such as machineries and T&P will be arranged by the contractor/firm
- The cement will be issued by the department @ Rs. 310/- per bag and tor steel @ Rs. 5160 per qtl., from divisional store Fatehpur against proper indent.
- GI pipe for inlet, outlet, scour and over flow and railing pipe will be issued by the department free of cost from divisional store Fatehpur against proper indent.
- Crushed/screened aggregate will be used for RCC work and concrete shall be machine mixed and vibratator shall be used for compection.
- 1% cess on account of building and other construcionn workers as per Act-1996.
- Any type of joints shall be provided as per the provision made in BIS -3370 and BIS-496
- Water retaining structure alongwith interconnection/piping arrangement shall be released successfully for water tightness after the completion of work within the cost of offer  
 Payment schedule will be as under:-
  - Completion of work upto raft foundation/ground level @ 30% of the total amount after deduction of all kind of taxes.
  - Completion of work uptostagging heightl @ 30% of the total amount after deduction of all kind of taxes.
  - Completion of work upto container @ 25% of the total amount after deduction of all kind of taxes.
  - Completion of all kind of work including all kind of fittings of sluice valve/Gi pipes/Main hole cover/ladders/railing around the container as well as stair cases with MS iron flat strip @ 10% of the total amount after
- The cost of employer provident fund (EPF) and employer state insurance (ESI) etc. should be firm/contractor responsibility.
- Final payment will be released after successful testing of the tank @ 5% of the total amount after deduction of all kind of taxes.
- The RCC work shall be carried out as per IS-456-1978
- Specification of the reservior shall be confirming to IS Code -3370 Part I,II & IV-1967 latest
- The outlet pipe shall be placed 15cm above the floor level to provide a space for sediments. The outlet pipe should be provided with a strainer of per forated cast iron
- The free board should not be less than 0.30 mtr
- Before laying of lean concrete in the foundation bed, the bearing capacity of the soil shall be be as certained by tenders so as to be not less than 10t/m<sup>2</sup> which other wise be adopted for involving the structural design.
- Only the firms having good experience in the construction of reinforced concrete hydraulic structures need submit their offers alongwith the list of work of similar nature already completed by them.

21 The excavation shall cover all types of soil and rocks involved at site including cutting by chiseling where involved. No blasting shall be permitted.

**Executive Engineer,  
I&PH Divn., Fatehpur.**