

**D.N.I.T./SCHEDULE OF QUANTITY**

**NAME OF WORK:-** C/O LIS.Rit Uperli & Rit Jhikli in Tehsil Nurpur Distt.Kangra(H.P.)(SUB HEAD :- Providing and laying of  
MSERW.Pipe 250mm.dia in Rising Main dully flanged) **PHASE-2nd.Rit Jhikli.** Estimated cost:- ₹ 1251167.00  
Earnest Money:- ₹ 25030.00  
Time:-2 Months.

S.No.	Description of item & Sub head	Qty.	Rate		Unit	Amount
			In Fig.	In Words		
1	Excavation in foundation trenches (for pipes & pits) upto all depth in all classification of earth work such as; pick work, jumper work, saturated soil including bailing out pumping out water,blasting soft/hard rock or chiselling soft/ hard rock where blasting is prohibited in all lifts including trimming and dressing of sides, levelling of beds to correct grade including shoring,strutting, planking, timbering and dewatering where-ever required, stacking the useable and un-useable material/soil separately and after laying, jointing and testing of M.S.Pipes returning the useable soil in trenches in 15cm.layers including consolidating of such deposited layer by ramming, watering and then disposing of all surplus excavated soil un-useable material as directed within all leads and lifts including restoration of un-metalled surfaces to its original condition including cost of diversion for traffic night signals, fixing caution Board, crossing over trenches for access to houses, fencing etc.complete in all respect as per the direction and satisfactions of the Engineer-in-Charge.	420.86	Cubic Metres		Per Cubic Metre	
2	Providing ,jointing,laying & testing of MSERW pipes including cost of flanges & bends of required degrees made from parent tubes conforming to IS :1978 - 1982 & steel grade of YST - 210 as per dimensions,wall thickness & test pressures mentioned belowin a random length of pipe is 4 - 7 mtrs. and the pipe should be welded with MS Flanges conforming to table - of IS: 6392 - 1971 & the welding should be done in two layers on both the faces to make the joints leak proof conforming to IS: 816 - 1965 with electrode conforming to IS:814 - 1967 i/c required nos & size of MS nuts & bolts conforming to IS: 1369 - 1967 and asbestos fibre jointing gasket (compressed) sheet not be less than 3 mm in thickness conforming to IS:2712 - 1965.The pipe shall have outside coating primer as per AWWA specification as per C - 233 (1978) followed by a flood coat of coaltar approximately 3/32" thick bituminous anti corossive paint withhessian cloth wrapping . The laying of pipe should be conformed to IS:5822 - 1994 as per the direction and satisfactions of the Engineer-in-Charge.					
	a) 250 mm f having 4.80 mm wall thickness,outer dia 273.10 mm,weight of pipe 31.76Kg/Rmt.& fully jointed with M.S. Flange Table-5.					
	Stage-1st. From RD 0 to 15 Table-5 = 15.00 Metres	645.00	Metres		Per	
	Stage-2nd. From RD. 15/0 to 630 Table-5 =630.00 Metres				Metre	

**TERMS AND CONDITIONS:-**

- The work shall be done as per specifications and entire satisfactions of the Engineer-in-Charge.
- The Pipe line shall be laid below the ground in all classification of soil.
- The horizontal and vertical bends fabricated from parent tube duly flanged where-ever required while laying the pipe shall be provided by the Contractor/Firm.
- The 3rd.party inspection of MSERW.Pipe shall be carried out on the Contractor's/Firm's own cost from- (1).DGS&D,(2).RITES,(3).BUREAV VARITAS, (4).SGS., (5).LIOYOS AND (6).DET MORSKE VEARITES.
- The use of JCB or Mechanical excavator is not allowed. The earth work in excavation shall be done by labour only.

Executive Engineer,  
IPH.Division,Nurpur.