

SCHEDULE OF QUANTITY

Name of work:- Restoration of rain Damages to LIS Bari Gumanoo Tehsil Sadar Distt Mandi HP.

Tendered Amount Rs. 165343/-

Sub-Head:- Provision for lowering arrangement of Submersible Pump and laying of additional GI pipe and Bends 150mm dia from Existing Sump well to River Beas.)

Earnest Money:- Rs. 3350/-

Time Limit:-Three Months

S.No	Description of items.	Quantity.		Rates.		Unit.	Amount.
				In fig.	In Words.		
1	Excavation in foundation trenches etc.in earth work upto all depths in all kinds of soil such as pick work,jumper work,blasting and chiselling soft/hard rocks where blasting is prohibited in all leads and lifts including trimming and dressing of side levelling of bed to correct grade and returning the stacked soil in trenches in 15cm.layers by ramming and watrering and then disposing of all surplus excavated soil as directed in all leads and lifts and soring strutting/timbering and dewatering where ever required including restoration of un metalled/metalled paved surfaces of its original conditions including caution boards in all respect and to the entire satisfaction of the Engineer-in-Charge.	5.18	Cum			Per Cubic Metre.	
2	Steel work welded in built up sections,trusses,and framed work including cutting,hoisting,fixing in position and applying a priming coat of red lead paint:- In gratting,framed guard bar,ladders ,railing brackets and similar works in all leads and lifts.	4.10	Qtls			Per Quintal	
3	Providing form work with steel plates 3.15mm thick welded with angle iron in frame 30x30x5mm so as to give a fair finish including centring, shuttering ,strutting and propping et c.with wooden battens and ballies height of propping and centring below supporting floor to ceiling in all heights and removal of the same for insitu reinforced concrete and plain concrete workin:-						
i	Vertical surfaces such as walls(any thickness)partitons and the like including attached pillasters,buttresses plinth and string courses and the like in all leads and lifts	21.00	Sqm.			Per Square Metre.	
4	Providing and laying cement concrete 1:2:4(1cement:2 sand:4 graded stone agg.20mm nominal size)and curing complete excluding cost of form work and reinforcement for reinforced concrete workin:-						
i	In foundation and plinth in all leads and lifts.	13.10	Cum			Per Cubic Metre.	
5	Providing mild/tor steel reinforcement for RCC work including bending,binding and placing in position compete upto floor two level in all leads and lifts. (Tor Steel)	1457.80	Kg.			Per Kilogram.	

6	Providing INDEF chain pully blocks,electric hoists and spares KPT power tools,CP Chicago pneumatic tools suhner-INDIA flexible shaft grinders and BOSH,AGE,MILWAUKEE electric tools WOLF electric tools of 5MT including making arrangement complete in all respect in all leads and lifts.	1.00	No.			Each	
7	Laying , jointing and testing in trenches to be levelled to grade ,IS marked GI Flanged pipes of 150mm diameters confirming to IS-1239-1990 (Part-II)latest with upto date amendments) having minimum wall thickness 4.80mm (MC) jointed with flanges confirming to tables 17of BIS-6392-1971(latest upto date amendments)Welded at both ends of pipe according as per BIS standard IS 816-1965 with electrodes as per IS 814-1991 and detailed specification as appended in NIT and prprovided with nuts and bolts of required sizes with 3mm thick compressed. Asbestos fiber gasket of synthetic rubber gasket confirming to relevant BIS codes including all kind of flanged short pieces,bends tees and other specials etc.made from parent tubes and welded with flanges of tables as applicable for the particulars reach and of technical specifications appended in the NIT as per site conditions including finishing cleaning and hydraulic testing as per the direction of Engineer-in-charge.	50.00	Rmt			Per Running Metre	
8	Manufacturing, laying jointing of flanged GI bends of required degree conforming to relavant IS specification with upto date ammendments MS flanges shall be conforming to IS 6392-1971 as per table specified below with electric welding as per IS 814-1967 including required number of nuts and bolts of required size including asbestos fibre gaskets not less than 3mm thickness and conforming to IS 2712-1965. The welding of flange to be on both face to make the joint leak proof in 3 layers i.e. one inner side and two outer side face of pipes including cutting of threaded ends and to the entire satisfaction of the Engineer-in-Charge. 150mm dia (Medium Class).	5.00	Nos			Each	
						Total Rs.	

Terms and Conditions.

- 1 The work should be executed as per PWD specifications and to the entire satisfaction of the Engineer-in-charge.
- 2 Cement.and Steel will be issued by the Department at IPH Store Raghunath Ka Padhar Mandi @ Rs.3920/-per tonne and Steel @ Rs. 4510/-per qtl.
- 3 The contractor shall be fully responsible for watch and ward of material at site of work
- 4 GI pipe will be issued by the Deptt. At Raghu nath ka Padhar Mandi free of cost.
- 5 ALL GI fitting at site will be provided by contractor on his own cost.

**Executive Engineer,
IPH Division,Mandi.**