

SCHEDULE OF QUANTITY.

Name of work:- C/O Sidhatha Medium Irrigation Project in Tehsil Jawali Distt, Kangra, (HP).	Estimated Cost `	1240647.00
(SH:- C/O Balance work for the Aqueduct at RD 11191 to 11251).	Earnest Money `	24815.00
	Time Limit:-	Two Months.

S/No.	Description of item	Quantity	Rate in:- Figures. Words.	Unit.	Amount.
1	2	3	4	5	6
1	Cutting in earth work in all kind of soil such as pick jumper work blasting hard and soft rock chiseling soft or hard rock where blasting is prohibited and disposal of al excavated earth work in all leads and lifts and to the entire satisfaction of the Engineer-in-Charge.	1526.78	Cum	P/Cum	
2	Excavation in foundation and trenches in earth work in all lifts and all kind of soil such as pick work, jumper work, hard and soft rock blasting chiseling and wedging out or rocks where blasting is prohibited including pumping or bailing out water and saturated soil including stacking the excavated soil with in all leads and lifts clear from the edge of the excavation and then returning the stacked soil in 1.5cm layers (fifteen centimeters) when required into plinths side of foundation consolidating each deposited layers by ramming and watering in all kind of soils and including clearing jungle uprooting of rank, vegetations grass brush wood, trees and saplings of all girth/height/depth as directed with in all leads and lifts and disposal of excavation earth as directed by the Engineer-in-charge with in all leads and lifts.	13.55	Cum	P/Cum	
3	Providing and laying C.C 1:4:8(1 cement: 4 sand: 8 graded stone agg. 40mm nominal size) and curing complete excluding the cost of form work in foundation and plinth with in all leads and lifts as per direction of the Engineer-in-charge.	2.136	Cum	P/Cum	
4	Providing and laying cement concrete 1:3:6 (1 cement: 3sand: 6graded stone agg. 20mm nominal size) and curing complete excluding the cost of form work in foundation and plinth with in all leads and lifts as per direction and satisfaction of the Engineer-in-charge.	11.51	Cum	P/Cum	
5	Providing form work with steel plates 3.15mm thick welded with angle iron in frame 30x30x5mm so as to give a fair finish including centering shuttering strutting & propping etc. with wooden battens & ballies, height of propping & centering below supporting floor to ceiling not exceeding 4 mtrs. and removal of the same for in-situ reinforced concrete and plain concrete work:-				
	(i) In foundation footing basis of columns etc, and mass concrete with in all leads and lifts and as per direction of the Engineer-in-charge.	45.41	Sqmt	P/Sqmt	
	(ii). Flat surface such as soffits of suspended floor, roofs, landing and the like upto all thickness with in all leads and lifts as per the direction of the Engineer-in-charge.	320.25	Sqmt	P/Sqmt	
	(iii). Vertical surface such as walls any thickness.partition and the like including attached pillasters butteress plinth and string and the like with in all leads and lifts as per the direction of the Engineer-in-charge.	587.335	Sqmt	P/Sqmt	
	(iv) Circular curved in plain with in all leads and lifts.	42.50	Sqmt	P/Sqmt	
6	Providing and laying cement concrete 1:1½:3 (1cement: 1½ sand: 3graded stone aggregate 20 mm nominal size) and curing complete excluding the cost of form work and reinforcement or reinforced concrete work in:-				
	(i) In foundation footing basis of columns etc, and mass concrete with in all leads and lifts and as per direction of the Engineer-in-charge.	27.95	Cum	P/Cum	

(ii). Vertical surface such as walls any thickness, partition and the like including attached pillasters, buttresses, plinth and string and the like with in all leads and lifts as per the direction of the Engineer-in-charge.	68.10 Cum	P/Cum
(iii) In lintel and beams and flat surface such as soffits of suspended floors etc with in all leads and lifts as per direction and satisfaction of the Engineer-in-charge.	6.99 Cum	P/Cum
7 In column pillars, posts and struts up to floor two level complete in all respect with in all leads and lifts as per direction of the Engineer-in-charge.	22.504 Cum	P/Cum
8 Providing mild/tor steel reinforcement for RCC work including bending, binding and placing in position complete upto floor two level including carriage upto all leads and lifts as per direction/satisfaction of the Engineer-in-charge.	13189.09 Kg.	P/Kg
9 Providing and fixing P.V.C. water stopper seal 300mm wide 10mm to 12mm thick for R.C.C. box complete in all respect as per the direction of the Engineer-in-charge.	55.63 Rmt.	P/Rmt
10 Providing and fixing electrometric bearing of size 320x250X39mm. complete in all respect with in all leads and lifts as per direction & satisfaction of the Engineer-in-charge.	8.00 Nos	Each
11 Providing and fixing railing post 75x75x6mm with M.S. flat 50x8mm and G.I. pipe 32mm. dia two rows complete in all respect with in all leads and lifts as per direction of the Engineer-in-charge.	120.00 Mtr.	P/Mtr

TERMS AND CONDITIONS:-

- 1 The work shall be executed as per HPPWD/IPH specifications relevant ISI specification and as per the direction and entire satisfaction of the Engineer-in-charge.
 - 2 The quantities can be increased/decreased as per site conditions and specific design requirements.
 - 3 Nothing shall be paid for the rejected work and material.
 - 4 Sales tax, Income tax and security shall be deducted from each bill of the contractor as per rules.
 - 5 The contractor/firm will be expected to produce proof of required machinery or give under taking the will arrange the Required machinery within 15 days of award of work and keep the same at site till completion of the work in the case required machinery within 15 days of award of work and keep the same at site till completion of the work in the case of default, the department will be free to take penal action against the defaulter contractor/firm and debar in all future tenders under Shahnehar Project.,
 - 6 Free fuel (except wood) shall be provided to the labour force by the contractor and information shall be supplied monthly on The prescribed Performa.
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|-------------|-------------------------------------|------------------------------|--------------------------------------|
| Year | Month of fuel wood supplied. | Expenditure involved. | Supporting documentary proof. |
| 1. | 2. | 3 | 4 |
- 7 Steel form work shall be used, properly designed to with stand the structural load on the structure during excavation.
 - 8 Needle vibrator and concrete mixer shall be used for compacting and mixing of concrete respectively.
 - 9 Any useful material found during excavation shall be the property of the Govt. and shall be got deposited with the department.
 - 10 The contractor should strictly adhere to the instructions contained in the labour act 1970 regarding labour license attestation of labour Payment etc.
 - 11 The payment to the laboures will be made in the presence of Junior Engineer concerned a representative of Engineer-in-charge,
 - 12 The cement shall be issued to the contractor @ 251/- per bag and steel @ 45.90/- per kg. from Divisional store at HARIAN.
 - 13 5% (Five percent) payment shall be with held of the contractor on account of testing of the structure. The final payment including With held amount shall be released only after successful testing and commissioning of the structure to the entire satisfaction of the Engineer-in-charge.

**Executive Engineer,
SMIP Division, Jawali.**