

Job NO.1**SCHEDULE OF QUANTITY****Tendered cost Rs.439994/-****E/Money: Rs.8800/-****Time: Three months.**

Name of work: - A/R&M/O F.I.S. Luharda Samardi in Tehsil Sadar District Bilaspur (SH: Construction of cut off wall 10mtr across Jarad Nallah, C/o retaining wall at RD 0 to 15 mtr, 115 to 122 mtr, 180 to 185 mtr, 250 to 258 mtr, 330 to 336 mtrs and 755 to 760 mtrs and providing C.C. lining from RD 0 to 100 mtr and RD 810 to RD 860 mtrs).

Sr.N	Description of items.	Qty.	Rate	Rate in words.	Unit.	Amount.
1	Excavation in foundation and trenches etc. in earth work in all lifts in all kinds of soil such as pick work, jumper work, blasting work in soft/hard rock chiseling/wedging out of rock) where blasting is prohibited saturated soil including bailing/pumping out of water stacking the excavated soil in 15cm layers, when required into plinths, sides of foundation etc. consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated earth as directed with in all leads and lifts and to the entire satisfaction of the Engineer-in-charge.	68.21 cum			Cum	
2	Providing and laying cement concrete 1:4:8 (1cement:4sand:8 graded stone agg. 40mmnominal size) and curing complete excluding the cost of form work in foundation and plinth in all depths and to the entire satisfaction of the Engineer-in-charge.	3.30 cum			Cum	
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 centering, shuttering, strutting and propping etc. with wooden battens ballies, height of propping and cent ring below supporting floor to ceiling not exceeding 4 mtr and removal of the same for in-situ reinforced concrete and plain concrete work in:-					
a)	Vertical surfaces such as walls (any thickness) partitions and the like including attached pilasters buttresses, plinth and string courses and the like and to the entire satisfaction of the Engineer-in-charge.	441.02 sqmt			Sqmt	
4	Providing RCC work smooth finished of the exposed surface with cement mortar 1:3 (1cement:3sand).	3.00 sqmt			Sqmt	
5	Providing and laying cement concrete work 1:2:4 (1cement:2 sand:4 graded stone aggregate 20mm nominal size) and curing complete excluding the cost of form work and reinforcement for reinforced concrete work in:-					
a)	Wall any thickness but not less than 0.1mtr thickness attached pilasters, buttresses, plinth and string courses etc. from top of foundation level up to floor two level and to the entire satisfaction of the Engineer-in-charge.	41.32 cum			Cum	
6	Providing laying tor steel reinforcement for RCC work including bending binding and placing in position complete in all depths and heights and to the entire satisfaction of the Engineer-in-charge.	582kg			P/kg	
7	Wire crates of G.I. wire filled with boulders with square cut faces against the wire crates to be measured and paid for separately) and to the entire satisfaction of the Engineer-in-charge.	15.00 cum			Cum	

8	Wire crates of G.I. wire filled with boulders with square cut faces against the wire GI wire 5mm thick 15x15 mesh (boulders filling to be measured and paid for separately) SWG 5mm thick and to the entire satisfaction of the Engineer-in-charge.	98.00 sqmt			Sqmt	
9	Cutting in earth work and disposal of excavation earth to be lead of 20 mtrs in pick jumper work and to the entire satisfaction of the Engineer-in-charge.	170.84 cum			Cum	
10	Providing and laying cement mortar 1:6:12 (1cement: 6sand: 12 graded stone aggregate 40mm nominal size) excluding the cost of centering and shuttering in foundation and plinth and to the entire satisfaction of the Engineer-in-charge.	24.40 cum			Cum	
11	Providing and laying cement concrete 1:5:10 (1cement:5sand:10 graded stone aggregate 40mm nominal size) with 15% plum and curing complete excluding the cost of form work in retaining walls, breast walls , the size of plum shall usually be 150 to 300mm as per HPPWD specification and to the entire satisfaction of the Engineer-in-charge.	197.35 cum			Cum	
12	Providing and fixing PVC pipe ISI mark of 100mm diameter for wheep holes as per direction and to the entire satisfaction of the Engineer-in-charge.	70 Rmt			Rmt	
13	Cement concrete lining 15 cm thick or less for irrigation channels, using cement concrete 1:3:6.					
(i)	Hand mixed concrete lining in bed.	7.17 cum			Cum	
(ii)	Hand mixed concrete lining side slopes.	11.25 cum			Cum	
(iii)	Extra allowance for form work in concrete lining.	11.25 cum			Cum	

TERMS AND CONDITIONS:-

1. The rates are inclusive of all carriage in all leads and lifts.
2. Cement will be issued from Divisional store at Bilaspur @Rs.167/- per bag.
3. Steel will be issued from Divisional store at Bilaspur @ Rs.35200/- per qtl.
4. The contractor shall be responsible for watch and ward of the material at site of work.
5. The work shall be executed as per IPH specification and to the entire satisfaction of the Engineer-in-charge.
6. Nothing shall be paid for rejected work/materials.
7. The concrete shall be mixed with mechanical process and Vibrator shall be used for compacting the concrete.
8. The empty bags have to be returned to the department other wise recovery will be made @Rs.2/- per bag.
9. 10% security 2% income tax and 2% sale tax will be deducted from each running bill of the contractor.
10. The sand will be used from the approved quarry of Bashaal khad near Una.
11. The crushed stone aggregate will be used.
12. The G.I. pipe will be issued free of cost from Sub-Divisional store Bilaspur on proper indents.
13. 1% cess charges will be deducted from the contractor bill for making payment through software.

Executive Engineer,
I&PH Division, Bilaspur.

