

DRAFT SCHEDULE OF QUANTITY

Name of work:- Remodelling of F.I.S. Dhamul Kuhl in Tehsil Shahpur Distt.Kangra (HP).
(SH:- C/O Head weir 20mtrs long).

Estimated Cost: - Rs. 286587.00
Earnest money: - Rs. 5730.00
Time Limit: - 6 (Six) months

S/No.	Sub-head and items of work.	Quantity	Rate in		Unit	Amount.
			Figures.	Words.		
1	2	3	4	5	6	7
1	Excavation in foundations,trenches etc.in all kinds of soil such as pick,jumper work,blasting chiselling soft/hard rock where blasting is prohibited,slushy daldal and saturated soil including pumping or bailing out water ramming and dressing of sides ,levelling of beds to correct grade stacking the useable and unserviceable material/soil not more than 3 mtrs. clear from the edge of excavation separately and after completing civil work or laying, jointing,testing of pipes, returning the stacked soil intrenches in 15cm layers and consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated earth as directed within all leads and lifts.	40.50 Cum			P/Cum	
2	Providing and laying cement concrete 1:2:4(1 cement: 2sand: 4graded stone agg.20mm nominal size)and curing complete excluding cost of form work reinforcement for reinforced concrete cement concrete work in foundation and plinth complete within all leads and lifts.	35.10 Cum			P/cum	
3	Providing and laying cement concrete 1:3:6(1 cement: 3sand: 6graded stone agg.40mm nominal size) and curing complete excluding the cost of form work in foundation and plinth within all leads and lifts.	4.50 Cum			P/cum	
4	providing form work with steel plates 3.15mm thick welded with angles iron in frame 30x30x5mm so as to give a fair finish i/c centring,shuttering,propping etc.height of propping and centring below supporting floor to ceiling not exceeding 4 mtrs.height of propping and centring below supporting removal of the same for insitu work in:-					
4.1	In vertical surfaces such as walls (any thickness) partitions and the like i/c attached, pillasters plinth and string courses and the like within all leads and lifts.	75.51 Sqmt			P/sqmt	
5	Providing mild/tor steel reinforcement for RCC work i/c bending, binding and placing in position complete upto floor two level within all leads and lifts.	1053.00 Kgs			P/kg	

Terms and conditions: -

- The rates shall be inclusive of carriage of materials within all leads and lifts and no extra cost will be paid for this.
- The contractor shall be responsible for watch and ward of the materials at site of work.
- The work shall be executed as per HP.IPH specifications and to the entire satisfaction of the Engineer-In-Charge.
- Nothing shall be paid for the rejected materials and/or for the work executed below specifications.
- Crushed stone aggregate having no silt be used and no water borne aggregate will be allowed.
- Cement shall be issued by the department at IPH store Shahpur @ Rs. 325/- bag & steel 8mm Rs. 4536/-qtl. 10 mm dia=4431/-qtl.& 12mm & 16 Rs. 4380/-qtl.
- Sales tax,security and income tax / GST as applicable shall be deducted from the bill of the contractor.
- The contractor shall have to deploy mechanical concrete mixture at site of work along with vibrator for proper compaction of the concrete work.
- Final payment shall be made after successful testing of the kuhl.
- Minimum 3 nos cube tests from site shall be got tested from NIT Hamirpur or HPPWD Laboratory located In the District as per provision of IS: 456 by the contractor at his own cost.

Executive Engineer,
I & P.H. Division,Shahpur.

DRAFT SCHEDULE OF QUANTITY**(Job-1st)**

Estimated Cost: - Rs.

7,18,667/-

Name of work:- Remodelling of F.I.S. Dhamul Kuhl in Tehsil Shahpur Distt.Kangra (HP).

Earnest money: - Rs.

14,370/-

(SH:- C/O RCC lining of main channel from RD 0 to 210=210 Mtrs).

Time Limit: - 6 (Six) months

S/No.	Sub-head and items of work.	Quantity	Rate in		Unit	Amount.
			Figures.	Words.		
1	2	3	4	5	6	7
1	Excavation in drain and channel etc. in earth work including dressing of side and bed and disposing of excavated earth upto a lead of 20 mtrs and lift upto 1.50 mtrs disposed earth to be levelled and neatly dressed complete within all leads and lifts.	96.30 Cum			P/cum	
2	Providing and laying cement concrete 1:4:8(1 cement: 4sand: 8graded stone agg.40mm nominal size)and curing complete excluding cost of form work in foundation and plinth within all leads and lifts.	27.30 Cum			P/cum	
3	providing form work with steel plates 3.15mm thick welded with angles iron in frame 30x30x5mm so as to give a fair finish i/c centring,shuttering,propping etc.height of propping and centring below supporting floor to ceiling not exceeding 4 mtrs.height of propping and centring below supporting removal of the same for insitu work in:-					
3.1	In duct of kuhl complete within all leads and lifts.	693.00 Sqmt			P/sqmt	
4	Providing and laying cement concrete 1:2:4(1 cement: 2sand: 4graded stone agg.20mm nominal size)and curing complete excluding cost of form work in reinforcement for reinforced cement concrete work in foundation and plinth complete within all leads and lifts.	81.90 Cum			P/Cum	
5	Providing mild/tor steel reinforcement for RCC work i/c bending,binding and placing in position complete upto floor two level within all leads and lifts.	2457.00 Kgs			P/kg	
6	Providing and fixing water stopper seal 200mm wide 6mm thick within all leads and lifts.	27.30 Rmts			P/Rmt	
7	Providing and fixing of bitumen fiber board 12mm thick complete within all leads and lifts.	4.095 Sqmt			P/sqmt	

Terms and conditions: -

- The rates shall be inclusive of carriage of materials within all leads and lifts and no extra cost will be paid for this.
- The contractor shall be responsible for watch and ward of the materials at site of work.
- The work shall be executed as per HP.IPH specifications and to the entire satisfaction of the Engineer-In-Charge.
- Nothing shall be paid for the rejected materials and/or for the work executed below specifications.
- Crushed stone aggregate having no silt be used and no water borne aggregate will be allowed.
- Cement shall be issued by the department at IPH store Shahpur @ Rs. 325/- bag & steel 8mm Rs. 4536/-qtl. 10 mm dia=4431/-qtl.& 12mm & 16 Rs. 4380/-qtl.
- Sales tax,security and income tax / GST as applicable shall be deducted from the bill of the contractor.
- The contractor shall have to deploy mechanical concrete mixture at site of work along with vibrator for proper compaction of the concrete work.
- Final payment shall be made after successful testing of the kuhl.
- Minimum 3 nos cube tests from site shall be got tested from NIT Hamirpur or HPPWD Laboratory located In the District as per provision of IS: 456 by the contractor at his own cost.

Executive Engineer,
I & P.H. Division,Shahpur.

DRAFT SCHEDULE OF QUANTITY**(Job-2nd)**

Name of work:- Remodelling of F.I.S. Dhamul Kuhl in Tehsil Shahpur Distt.Kangra (HP).
(SH:- C/O RCC lining of main channel from RD 210 to 450=240 Mtrs, footpath X-ing=1 No).

Estimated Cost: - Rs. 8,00,100/-
Earnest money: - Rs. 16,000/-
Time Limit: - 6 (Six) months

S/No.	Sub-head and items of work.	Quantity	Rate in		Unit	Amount.
			Figures.	Words.		
1	2	3	4	5	6	7
1	Excavation in drain and channel etc. in earth work including dressing of side and bed and disposing of excavated earth upto a lead of 20 mtrs and lift upto 1.50 mtrs disposed earth to be levelled and neatly dressed complete within all leads and lifts.	108.07 Cum			P/cum	
2	Providing and laying cement concrete 1:4:8(1 cement: 4sand: 8graded stone agg.40mm nominal size)and curing complete excluding cost of form work in foundation and plinth within all leads and lifts.	30.55 Cum			P/cum	
3	providing form work with steel plates 3.15mm thick welded with angles iron in frame 30x30x5mm so as to give a fair finish i/c centring,shuttering,propping etc.height of propping and centring below supporting floor to ceiling not exceeding 4 mtrs.height of propping and centring below supporting removal of the same for insitu work in:-					
3.1	In duct of kuhl complete within all leads and lifts.	775.50 Sqmt			P/sqmt	
4	Providing and laying cement concrete 1:2:4(1 cement: 2sand: 4graded stone agg.20mm nominal size)and curing complete excluding cost of form work in reinforcement for reinforced cement concrete work in foundation and plinth complete within all leads and lifts.	91.65 Cum			P/Cum	
5	Providing mild/tor steel reinforcement for RCC work i/c bending,binding and placing in position complete upto floor two level within all leads and lifts.	2658.00 Kgs			P/kg	
6	Providing and fixing water stopper seal 200mm wide 6mm thick within all leads and lifts.	31.20 Rmts			P/Rmt	
7	Providing and fixing of bitumen fiber board 12mm thick complete within all leads and lifts.	4.68 Sqmt			P/sqmt	

Terms and conditions: -

- The rates shall be inclusive of carriage of materials within all leads and lifts and no extra cost will be paid for this.
- The contractor shall be responsible for watch and ward of the materials at site of work.
- The work shall be executed as per HP.IPH specifications and to the entire satisfaction of the Engineer-In-Charge.
- Nothing shall be paid for the rejected materials and/or for the work executed below specifications.
- Crushed stone aggregate having no silt be used and no water borne aggregate will be allowed.
- Cement shall be issued by the department at IPH store Shahpur @ Rs. 325/- bag & steel 8mm Rs. 4536/-qtl. 10 mm dia=4431/-qtl.& 12mm & 16 Rs. 4380/-qtl
- Sales tax,security and income tax / GST as applicable shall be deducted from the bill of the contractor.
- The contractor shall have to deploy mechanical concrete mixture at site of work along with vibrator for proper compaction of the concrete work.
- Final payment shall be made after successful testing of the kuhl.
- Minimum 3 nos cube tests from site shall be got tested from NIT Hamirpur or HPPWD Laboratory located In the District as per provision of IS: 456 by the contractor at his own cost.

Executive Engineer,
I & P.H. Division,Shahpur.

DRAFT SCHEDULE OF QUANTITY**(Job-3rd)**

Estimated Cost: - Rs.

8,25,804/-

Name of work:- Remodelling of F.I.S. Dhamul Kuhl in Tehsil Shahpur Distt.Kangra (HP).

Earnest money: - Rs.

16,520/-

(SH:- C/O RCC lining of main channel from RD 450 to 690=240 Mtrs).

Time Limit: - 6 (Six) months

S/No. 1	Sub-head and items of work. 2	Quantity 3	Rate in		Unit 6	Amount. 7
			Figures. 4	Words. 5		
1	Excavation in drain and channel etc. in earth work including dressing of side and bed and disposing of excavated earth upto a lead of 20 mtrs and lift upto 1.50 mtrs disposed earth to be levelled and neatly dressed complete within all leads and lifts.	124.86 Cum			P/cum	
2	Providing and laying cement concrete 1:4:8(1 cement: 4sand: 8graded stone agg.40mm nominal size)and curing complete excluding cost of form work in foundation and plinth within all leads and lifts.	31.20 Cum			P/cum	
3	providing form work with steel plates 3.15mm thick welded with angles iron in frame 30x30x5mm so as to give a fair finish i/c centring,shuttering,propping etc.height of propping and centring below supporting floor to ceiling not exceeding 4 mtrs.height of propping and centring below supporting removal of the same for insitu work in:-					
3.1	In duct of kuhl complete within all leads and lifts.	792.00 Sqmt			P/sqmt	
4	Providing and laying cement concrete 1:2:4(1 cement: 2sand: 4graded stone agg.20mm nominal size)and curing complete excluding cost of form work in reinforcement for reinforced cement concrete work in foundation and plinth complete within all leads and lifts.	93.60 Cum			P/Cum	
5	Providing mild/tor steel reinforcement for RCC work i/c bending,binding and placing in position complete upto floor two level within all leads and lifts.	2808.00 Kgs			P/kg	
6	Providing and fixing water stopper seal 200mm wide 6mm thick within all leads and lifts.	31.20 Rmts			P/Rmt	
7	Providing and fixing of bitumen fiber board 12mm thick complete within all leads and lifts.	4.68 Sqmt			P/sqmt	

Terms and conditions: -

- 1 The rates shall be inclusive of carriage of materials within all leads and lifts and no extra cost will be paid for this.
- 2 The contractor shall be responsible for watch and ward of the materials at site of work.
- 3 The work shall be executed as per HP.IPH specifications and to the entire satisfaction of the Engineer-In-Charge.
- 4 Nothing shall be paid for the rejected materials and/or for the work executed below specifications.
- 5 Crushed stone aggregate having no silt be used and no water borne aggregate will be allowed.
- 6 Cement shall be issued by the department at IPH store Shahpur @ Rs. 325/- bag & steel 8mm Rs. 4536/-qtl. 10 mm dia=4431/-qtl.& 12mm & 16 Rs. 4380/-qtl.
- 7 Sales tax,security and income tax / GST as applicable shall be deducted from the bill of the contractor.
- 8 The contractor shall have to deploy mechanical concrete mixture at site of work along with vibrator for proper compaction of the concrete work.
- 9 Final payment shall be made after successful testing of the kuhl.
- 10 Minimum 3 nos cube tests from site shall be got tested from NIT Hamirpur or HPPWD Laboratory located In the District as per provision of IS: 456 by the contractor at his own cost.

Executive Engineer,
I & P.H. Division,Shahpur.

DRAFT SCHEDULE OF QUANTITY**(Job-4th)**

Estimated Cost: - Rs.

7,71,406/-

Name of work:- Remodelling of F.I.S. Dhamul Kuhl in Tehsil Shahpur Distt.Kangra (HP).

Earnest money: - Rs.

15,430/-

(SH:- C/O RCC lining of main channel from RD 690 to 900=210 Mtrs & footpath X-ing=4 Nos).

Time Limit: - 6 (Six) months

S/No.	Sub-head and items of work.	Quantity	Rate in		Unit	Amount.
			Figures.	Words.		
1	2	3	4	5	6	7
1	Excavation in drain and channel etc. in earth work including dressing of side and bed and disposing of excavated earth upto a lead of 20 mtrs and lift upto 1.50 mtrs disposed earth to be levelled and neatly dressed complete within all leads and lifts.	101.065 Cum			P/cum	
2	Providing and laying cement concrete 1:4:8(1 cement: 4sand: 8graded stone agg.40mm nominal size)and curing complete excluding cost of form work in foundation and plinth within all leads and lifts.	27.30 Cum			P/cum	
3	providing form work with steel plates 3.15mm thick welded with angles iron in frame 30x30x5mm so as to give a fair finish i/c centring,shuttering,propping etc.height of propping and centring below supporting floor to ceiling not exceeding 4 mtrs.height of propping and centring below supporting removal of the same for insitu work in:-					
3.1	In flat surface such as suspended floors,roofs,landings,shelves etc.from top of foundation upto floor two level within all leads and lifts.	11.40 Sqmt			P/sqmt	
3.2	Edge of slab or breaks in floor etc. under 20 cm wide complete within all leads and lifts.	24.96 Rmts			P/Rmt	
3.3	In duct of kuhl complete within all leads and lifts.	693.00 Sqmt			P/sqmt	
4	Providing and laying cement concrete 1:2:4(1 cement: 2sand: 4graded stone agg.20mm nominal size)and curing complete excluding cost of form work in reinforcement for reinforced cement concrete work in foundation and plinth complete within all leads and lifts.	81.90 Cum			P/Cum	
4.1	Flat surface such as soffits of suspended floors, roofs, landing and the like complete within all leads and lifts.	1.14 Cum			P/cum	
5	Providing mild/tor steel reinforcement for RCC work i/c bending,binding and placing in position complete upto floor two level within all leads and lifts.	2559.60 Kgs			P/kg	
6	Providing and laying cement concrete 1:6:12(1 cement: 6sand: 12graded stone agg.40mm nominal size)and curing complete excluding cost of form work in foundation and plinth within all leads and lifts.	2.14 Cum			P/cum	
7	Squared rubble masonry coursed with hard stone of approved quality in super structure i/c raking out joints in cement mortar 1:6(1 cement: 6sand)within all leads and lifts.	4.32 Cum			P/cum	
8	Providing and fixing water stopper seal 200mm wide 6mm thick within all leads and lifts.	31.20 Rmts			P/Rmt	
9	Providing and fixing of bitumen fiber board 12mm thick complete within all leads and lifts.	4.68 Sqmt			P/sqmt	

Terms and conditions: -

- 1 The rates shall be inclusive of carriage of materials within all leads and lifts and no extra cost will be paid for this.
- 2 The contractor shall be responsible for watch and ward of the materials at site of work.
- 3 The work shall be executed as per HP.IPH specifications and to the entire satisfaction of the Engineer-In-Charge.
- 4 Nothing shall be paid for the rejected materials and/or for the work executed below specifications.
- 5 Crushed stone aggregate having no silt be used and no water borne aggregate will be allowed.
- 6 Cement shall be issued by the department at IPH store Shahpur @ Rs. 325/- bag & steel 8mm Rs. 4536/-qtl. 10 mm dia=4431/-qtl.& 12mm & 16 Rs. 4380/-qtl.
- 7 Sales tax,security and income tax / GST as applicable shall be deducted from the bill of the contractor.
- 8 The contractor shall have to deploy mechanical concrete mixture at site of work along with vibrator for proper compaction of the concrete work.
- 9 Final payment shall be made after successful testing of the kuhl.
- 10 Minimum 3 nos cube tests from site shall be got tested from NIT Hamirpur or HPPWD Laboratory located In the District as per provision of IS: 456 by the contractor at his own cost.

Executive Engineer,
I & P.H. Division,Shahpur.