

NAME OF WORK

**CONSTRUCTION OF ROAD FROM MIRPURKHAS UMERKOT CHHOR ROAD @ POINT FAUJI BATTHA WALHAR
ROAD TO CONNECT HIRABAD SHIVE JO MANDER ROAD**

MILE 0/0-0/5 (1.00 KMS)

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 FORMATION: -

Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 100 ft. and lift upto 5.0 ft. in all types of soil except rock. If earth work is done by other than department.

(a) COMPACTING UPTO 85% DENSITY

235386	3656.23	P%0Cft	Rs.	860625
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(b) COMPACTION 95-100% DENSITY

47586	6190.17	P%0Cft	Rs.	294565
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2 SUB-BASE COURSE: -

Preparing Sub-base course by supplying and spreading stone metal of 2" - 1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing filling voids with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes, all types of materials, T&P and carriage upto site of work (3 chains).

20394	10466.51	P%Cft	Rs.	2134540
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3 BRICKS ON EDGING: -

Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).

6798	2613.18	P%Rft	Rs.	177644
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4 BASE COURSE: -

Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).

10197	11894.46	P%Cft	Rs.	1212878
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5 SURFACE DRESSING (03 COAT): -

Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajri of 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).

40788	4349.53	P%Sft	Rs.	1774086
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6 EARTH WORK ON BERMS: -

Earth Work for embankment (Berms) from borrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 100 ft. and lift upto 5.0 ft. (in ordinary soil).

33999	2208.37	P%0Cft	Rs.	75082
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Total Rs.	6529420
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Ded: Different Cost of **14.39** Ton Bitumen

@ Rs. **22606.00** Per Nos

(-) Rs.	325300
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Total Rs.	6204120
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No. Premium will be allowed on Item No.

Note: Item/Quantities/Rates and amount are estimated provisional and will be corrected to the Detail Working Estimate sanctioned by competent authority

CONTRACTOR

**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

SCHEDULE "B" (03 No(s) Culvert(s))**CONSTRUCTION OF ROAD FROM MIRPURKHAS UMERKOT CHHOR ROAD @ POINT FAUJI
BATTHA WALHAR ROAD TO CONNECT HIRABAD SHIVE JO MANDER ROAD****MILE 0/0-0/5 (1.00 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)	1056	3176.25	P%0Cft	Rs. 3354
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.	239	9416.28	P%Cft	Rs. 22505
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4	474	12501.41	P%Cft	Rs. 59257
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).	89	14429.25	P%Cft	Rs. 12842
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)	5.05	4820.20	P.Cft	Rs. 24342
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.	80	337.00	P.Cft	Rs. 26960
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partial wood (2nd class) (a) Vertical.	28	3127.41	P%Sft	Rs. 876
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	261	2344.59	P%Sft	Rs. 6119
				Total Rs.	156255

$$156255 \times 3 = 468765$$

CONTRACTOR**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

NAME OF WORK**CONSTRUCTION OF ROAD FROM UMERKOT CHEEL BUND DIGGU VIA BHANANO ROAD TO VILLAGE TILLAN PALLI (AHMED PARO)****MILE 0/0-0/1+390 (0.32 KMS).**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 FORMATION: -

Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 100 ft. and lift upto 5.0 ft. in all types of soil except rock. If earth work is done by other than department.

(a) COMPACTING UPTO 85% DENSITY

61592	3656.23	P%0Cft	Rs.	225195
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(b) COMPACTION 95-100% DENSITY

12692	6190.17	P%0Cft	Rs.	78566
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(a) COMPACTING UPTO 85% DENSITY

12090	7723.95	P%0Cft	Rs.	93383
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(b) COMPACTION 95-100% DENSITY

2452	10253.72	P%0Cft	Rs.	25142
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2 SUB-BASE COURSE: -

Preparing Sub-base course by supplying and spreading stone metal of 2" -1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing filling voids with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes, all types of materials, T&P and carriage upto site of work (2 chains).

6490	10639.73	P%Cft	Rs.	690518
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3 BRICKS ON EDGING: -

Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).

2163	2729.96	P%Rft	Rs.	59049
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4 BASE COURSE: -

Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).

3245	12087.22	P%Cft	Rs.	392230
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5 SURFACE DRESSING (03 COAT): -

Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajri of 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).

12980	4360.42	P%Sft	Rs.	565983
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6 EARTH WORK ON BERMS: -

Earth Work for embankment (Berms) from barrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 100 ft. and lift upto 5.0 ft. (in ordinary soil).

Ordinary

9068	2208.37	P%0Cft	Rs.	20025
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With Extra Lead

1751	6278.37	P%0Cft	Rs.	10993
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Total Rs.	2161084
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Ded: Different Cost of 4.58 Ton Bitumen

@ Rs. 22606.00 Per Nos

(-) Rs. 103535

Total Rs.	2057549
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No. Premium will be allowed on Item No.

Note: Item/Quantities/Rates and amount are estimated provisional and will be corrected to the Detail Working Estimate sanctioned by competent authority

CONTRACTOR

**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

SCHEDULE "B" (01 No(s) Culvert(s))**CONSTRUCTION OF ROAD FROM UMERKOT CHEEL BUND DIGGU VIA BHANANO ROAD TO
VILLAGE TILLAN PALLI (AHMED PARO)****MILE 0/0-0/1+390 (0.32 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)	1056	3176.25	P%0Cft	Rs. 3354
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.	239	9416.28	P%Cft	Rs. 22505
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4	474	12501.41	P%Cft	Rs. 59257
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).	89	14429.25	P%Cft	Rs. 12842
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)	5.05	4820.20	P.Cft	Rs. 24342
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.	80	337.00	P.Cft	Rs. 26960
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partal wood (2nd class) (a) Vertical.	28	3127.41	P%Sft	Rs. 876
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	261	2344.59	P%Sft	Rs. 6119
Total Rs.					156255

$$156255 \times 1 = 156255$$

CONTRACTOR

EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**SCHEDULE "B" PART-C (01 No(s) Culvert(s))****CONSTRUCTION OF ROAD FROM UMERKOT CHEEL BUND DIGGU VIA BHANANO ROAD TO
VILLAGE TILLAN PALLI (AHMED PARO)**

MILE 0/0-0/1+390 (0.32 KMS)

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)				
		2067	3176.25	P%0Cft	Rs. 6565
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.				
		344	9416.28	P%Cft	Rs. 32392
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4				
		683	12501.41	P%Cft	Rs. 85385
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).				
		96	14429.25	P%Cft	Rs. 13852
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)				
		9.73	4820.20	P.Cft	Rs. 46901
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.				
		162	337.00	P.Cft	Rs. 54594
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partial wood (2nd class) (a) Vertical.				
		76	3127.41	P%Sft	Rs. 2377
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.				
		302	2344.59	P%Sft	Rs. 7081
				Total Rs.	249147

249147 x 1 = 249147

CONTRACTOR

EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT

**CONSTRUCTION OF ROAD FROM UMERKOT CHEEL BUND SEENHOI DARS ROAD TO
VILLAGE SYED TAHIR SHAH**

MILE 0/0-0/1 (0.20 KMS)

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	SUB GRADE: Sub grade including earth excavation are filling to an averagedepth of 9`` dressing to camber and consolidation with power roller	23793	526.28	P%Sft	Rs. 125218
2	(d) EARTH WORK (A - 2 to 4 Soil): Earth work for road embankment by Buldozers including ploughing, mixing Clod breaking, dressing and compacting With optimum moisture content. Lead upto 100ft and lift upto 5.00 ft. in all types of soil, except rock. (a) COMPACTION 95-100% DENSITY	17675	10253.72	P%0Cft	Rs. 181235
	(b) COMPACTING UPTO 85% DENSITY	5522	6278.37	P%0Cft	Rs. 34669
3	SUB-BASE COURSE: - Preparing Sub-base course by supplying and spreading stone metal of 2" -1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing filling viods with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes, all types of materials, T&P and carriage upto site of work	4079	10942.86	P%Cft	Rs. 446359
4	BRICKS ON EDGING: - Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).	1360	2729.96	P%Rft	Rs. 37127
5	BASE COURSE: - Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).	2039	12424.53	P%Cft	Rs. 253336
6	SURFACE DRESSING (03 COAT): - Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajriof 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage unto site of work (3 chains)	8158	4388.24	P%Sft	Rs. 357993
				Total Rs.	1435937
Ded: Different Cost of 2.88 Ton Bitumen				(-) Rs.	65105
@ Rs. 22606.00 Per Nos				Total Rs.	1370832

CONTRACTOR

EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT

**CONSTRUCTION OF ROAD FROM UMERKOT CHEEL BUND SEENHOI DARS ROAD TO
VILLAGE SYED TAHIR SHAH
MILE 0/0-0/1 (0.20 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)	1056	3176.25	P%Cft	Rs. 3354
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.	239	9416.28	P%Cft	Rs. 22505
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4	474	12501.41	P%Cft	Rs. 59257
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).	89	14429.25	P%Cft	Rs. 12842
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)	5.05	4820.20	P.Cft	Rs. 24342
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.	80	337.00	P.Cft	Rs. 26960
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partal wood (2nd class) (a) Vertical.	28	3127.41	P%Sft	Rs. 876
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	261	2344.59	P%Sft	Rs. 6119
				Total Rs.	156255

156255 x 1 = 156255

CONTRACTOR

**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

**CONSTRUCTION OF ROAD FROM SAMARO UMERKOT HALEPOTA RASTI ROAD TO
VILLAGE RAMZAN HALEPOTO**

MILE 0/0-0/1 (0.20 KMS)

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 (d) EARTH WORK (A - 2 to 4 Soil):

Earth work for road embankment by Buldozers including ploughing, mixing Clod breaking, dressing and compacting With optimum moisture content. Lead upto 100ft and lift upto 5.00 ft. in all types of soil, except rock.

(a) COMPACTION 95-100% DENSITY

14956	10253.72	P%0Cft	Rs.	153355
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(b) COMPACTING UPTO 85% DENSITY

4027	7723.95	P%0Cft	Rs.	31104
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2 SUB-BASE COURSE: -

Preparing Sub-base course by supplying and spreading stone metal of 2" -1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing filling viods with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes, all types of materials, T&P and carriage upto site of work (3 chains).

4079	10163.37	P%Cft	Rs.	414564
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3 BRICKS ON EDGING: -

Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).

1360	2750.80	P%Rft	Rs.	37411
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4 BASE COURSE: -

Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage up to site of work. (3 Chains).

2039	11557.13	P%Cft	Rs.	235650
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5 SURFACE DRESSING (03 COAT): -

Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajri of 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).

8158	4324.89	P%Sft	Rs.	352825
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Total Rs.	1224909
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Ded: Different Cost of **2.88** Ton Bitumen
@ Rs. **22606.00** Per Nos

(-) Rs.	65105
Total Rs.	1159804

CONTRACTOR

**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

**CONSTRUCTION OF ROAD FROM SAMARO UMERKOT HALEPOTA RASTI ROAD TO
VILLAGE RAMZAN HALEPOTO**

MILE 0/0-0/1 (0.20 KMS)

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)	1056	3176.25	P%Cft	Rs. 3354
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.	239	9416.28	P%Cft	Rs. 22505
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4	474	12501.41	P%Cft	Rs. 59257
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).	89	14429.25	P%Cft	Rs. 12842
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)	5.05	4820.20	P.Cft	Rs. 24342
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.	80	337.00	P.Cft	Rs. 26960
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partal wood (2nd class) (a) Vertical.	28	3127.41	P%Sft	Rs. 876
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	261	2344.59	P%Sft	Rs. 6119
				Total Rs.	156255

156255 x 1 = 156255

CONTRACTOR

**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

NAME OF WORK

**CONSTRUCTION OF ROAD FROM MORE KHAN BUX STOP JATTU PALLI VIA KHAN SAHIB ATTA MOHAMMA
PALI ROAD TO OTAQUE MANZOOR PALLI**

MILE 0/0-0/1+330 (0.30 KMS)

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	FORMATION: - Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compact with optimum moisture content. Lead upto 100 ft. and lift upto 5.0 ft. in all types of soil except trick. If earth work done by other than department. (a) COMPACTING UPTO 85% DENSITY	26512	10253.72	P%0Cft	Rs. 2718
	(b) COMPACTION 95-100% DENSITY	8282	7723.95	P%0Cft	Rs. 639
2	SUB-BASE COURSE: - Preparing Sub-base course by supplying and spreading stone metal of 2" -1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing fill voids with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering ; compacting to achieve 98-100% density as per modified AASHO specification. Rate includes, all types materials, T&P and carriage upto site of work (2 chains).	6118	10076.76	P%Cft	Rs. 6164
3	BRICKS ON EDGING: - Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).	2039	2750.80	P%Rft	Rs. 560
4	BASE COURSE: - Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).	3059	11460.75	P%Cft	Rs. 3505
5	SURFACE DRESSING (03 COAT): - Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajri of 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).	12236	4317.85	P%Sft	Rs. 5283
					Total Rs. 18873
Ded: Different Cost of 4.32 Ton Bitumen @ Rs. 22606.00 Per Nos					(-) Rs. 976
					Total Rs. 17896

No. Premium will be allowed on Item No.

Note: Item/Quantities/Rates and amount are estimated provisional and will be corrected to the Detail Work Estimate sanctioned by competent authority

CONTRACTOR

**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

SCHEDULE "B" (04 No(s) Culvert(s))

**CONSTRUCTION OF ROAD FROM MORE KHAN BUX STOP JATTU PALLI VIA KHAN SAHI
 ATTA MOHAMMAD PALI ROAD TO OTAQUE MANZOOR PALLI
 MILE 0/0-0/1+330 (0.30 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)	1056	3176.25	P%0Cft	Rs. 33
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.	239	9416.28	P%Cft	Rs. 225
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4	474	12501.41	P%Cft	Rs. 592
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).	89	14429.25	P%Cft	Rs. 128
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)	5.05	4820.20	P.Cft	Rs. 243
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.	80	337.00	P.Cft	Rs. 269
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partial wood (2nd class) (a) Vertical.	28	3127.41	P%Sft	Rs. 8
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	261	2344.59	P%Sft	Rs. 61
				Total Rs.	1562

$$156255 \times 4 = 625020$$

CONTRACTOR

EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT

SCHEDULE "B" PART-C (01 No(s) Culvert(s))

**CONSTRUCTION OF ROAD FROM MORE KHAN BUX STOP JATTU PALLI VIA KHAN SAHI
ATTA MOHAMMAD PALI ROAD TO OTAQUE MANZOOR PALLI**

MILE 0/0-0/1+330 (0.30 KMS)

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)				
		2067	3176.25	P%0Cft	Rs. 65
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.				
		344	9416.28	P%Cft	Rs. 323
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4				
		683	12501.41	P%Cft	Rs. 853
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).				
		96	14429.25	P%Cft	Rs. 138
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)				
		9.73	4820.20	P.Cft	Rs. 469
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.				
		162	337.00	P.Cft	Rs. 545
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partal wood (2nd class) (a) Vertical.				
		76	3127.41	P%Sft	Rs. 23
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.				
		302	2344.59	P%Sft	Rs. 70
				Total Rs.	2491
249147 x 1 = 249147					

CONTRACTOR

**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

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NAME OF WORK

**CONSTRUCTION OF ROAD FROM DHORONARO UMERKOT VIA RANA JAGIR ROAD @ POINT LAKHI WATER
HAJI REHMATULLAH RAHIMMOON ROAD TO VILLAGE LUQMAN PALLI MILE 0/0-1/7 (3.00 KMS)
PHASE-I MILE 0/0-1/3 (2.20 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 FORMATION: -

Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 100 ft. and lift upto 5.0 ft. in all types of soil except rock. If earth work is done by other than department.

(a) COMPACTING UPTO 85% DENSITY

480856	3656.23	P%0Cft	Rs.	1758120
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(b) COMPACTION 95-100% DENSITY

104689	6190.17	P%0Cft	Rs.	648043
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2 SUB-BASE COURSE: -

Preparing Sub-base course by supplying and spreading stone metal of 2" -1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing filling voids with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes, all types of materials, T&P and carriage upto site of work (2 chains).

44867	10553.12	P%Cft	Rs.	4734868
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3 BRICKS ON EDGING: -

Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).

14956	2701.08	P%Rft	Rs.	403974
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4 BASE COURSE: -

Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).

22433	11990.84	P%Cft	Rs.	2689905
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5 SURFACE DRESSING (03 COAT): -

Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajri of 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).

89734	4356.56	P%Sft	Rs.	3909316
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6 EARTH WORK ON BERMS: -

Earth Work for embankment (Berms) from borrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 100 ft. and lift upto 5.0 ft. (in ordinary soil).

74797	2208.37	P%0Cft	Rs.	165179
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Total Rs.	14309405
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Ded: Different Cost of 31.65 Ton Bitumen

@ Rs. 22606.00 Per Nos

(-) Rs. 715480

Total Rs.	13593925
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No. Premium will be allowed on Item No.

Note: Item/Quantities/Rates and amount are estimated provisional and will be corrected to the Detail Working Estimate sanctioned by competent authority

CONTRACTOR

**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

SCHEDULE "B" (04 No(s) Culvert(s))

**CONSTRUCTION OF ROAD FROM DHORONARO UMERKOT VIA RANA JAGIR ROAD @
POINT LAKHI WATER HAJI REHMATULLAH RAHIMOON ROAD TO VILLAGE LUQMAN PALLI**

PHASE-I MILE 0/0-1/3 (2.20 KMS)

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)	1056	3176.25	P%0Cft	Rs. 3354
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.	239	9416.28	P%Cft	Rs. 22505
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4	474	12501.41	P%Cft	Rs. 59257
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).	89	14429.25	P%Cft	Rs. 12842
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)	5.05	4820.20	P.Cft	Rs. 24342
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.	80	337.00	P.Cft	Rs. 26960
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partial wood (2nd class) (a) Vertical.	28	3127.41	P%Sft	Rs. 876
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	261	2344.59	P%Sft	Rs. 6119
				Total Rs.	156255

$$156255 \times 4 = 625020$$

CONTRACTOR

**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

CONSTRUCTION OF ROAD FROM UMERKOT CHEEL BUND NABISAR THAR CHEHLAR
ROAD TO JOGI PARO & KOLHI PARO

MILE 0/0-0/6 (1.20 KMS)

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 SUB GRADE:

Sub grade including earth excavation are filling to an averagedepth of 9``
 dressing to camber and consolidation with power roller

97891	526.28	P%Sft	Rs.	515181
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2 (d) EARTH WORK (A - 2 to 4 Soil):

Earth work for road embankment by Buldozers including ploughing, mixing
 Clod breaking, dressing and compacting With optimum moisture content.
 Lead upto 100ft and lift upto 5.00 ft. in all types of soil, except rock.

(a) COMPACTION 95-100% DENSITY

89734	10253.72	P%0Cft	Rs.	920107
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(b) COMPACTING UPTO 85% DENSITY

24157	7723.95	P%0Cft	Rs.	186587
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3 SUB-BASE COURSE: -

Preparing Sub-base course by supplying and spreading stone metal of 2" -1
 1/2" in gauge of approved quality from approved quarry in required thickness
 of 6" in 2 layers to proper camber and grade including hand packing filling
 viods with 20 Cft of Pit Canal Sand having plasticity index of not more than
 6% of suitable quality watering and compacting to achieve 98-100% density
 as per modified AASHO specification. Rate includes, all types of materials,
 T&P and carriage upto site of work (3 chains).

24473	11072.77	P%Cft	Rs.	2709839
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4 BRICKS ON EDGING: -

Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks,
 excavation for laying edging with Small side labours and carriage upto site of work (3 chain).

8158	2761.23	P%Rft	Rs.	225261
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5 BASE COURSE: -

Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality
 properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15
 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling
 watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include
 providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).

12236	12569.10	P%Cft	Rs.	1537955
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6 SURFACE DRESSING (03 COAT): -

Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of
 Crush bajriof 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning
 the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and
 Carriage upto site of work (3 chains).

48946	4398.79	P%Sft	Rs.	2153032
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Total Rs.			Rs.	8247962
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Ded: Different Cost of **17.26** Ton Bitumen
 @ Rs. **22606.00** Per Nos

(-) Rs. **390180**

Total Rs.			Rs.	7857782
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CONTRACTOR

EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT

SCHEDULE "B" (02 No(s). Culvert(s))**CONSTRUCTION OF ROAD FROM UMERKOT CHEEL BUND NABISAR THAR CHEHLAR****ROAD TO JOGI PARO & KOLHI PARO****MILE 0/0-0/6 (1.20 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)	1056	3176.25	P%0Cft	Rs. 3354
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.	239	9416.28	P%Cft	Rs. 22505
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4	474	12501.41	P%Cft	Rs. 59257
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).	89	14429.25	P%Cft	Rs. 12842
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)	5.05	4820.20	P.Cft	Rs. 24342
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.	80	337.00	P.Cft	Rs. 26960
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partial wood (2nd class) (a) Vertical.	28	3127.41	P%Sft	Rs. 876
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	261	2344.59	P%Sft	Rs. 6119
				Total Rs.	156255

$$156255 \times 2 = 312510$$

CONTRACTOR

EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT

NAME OF WORK**CONSTRUCTION OF ROAD FROM UMERKOT DHORONARO VIA KOTWAH @ POINT GULAB
MORI TO VILLAGE AFZAL HAELPOTO TO CONNECT FAKIR HASHIM HALEPOTO ROAD****MILE 0/0-0/3+330 (0.70 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	FORMATION: - Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 100 ft. and lift upto 5.0 ft. in all types of soil except rock. If earth work is done by other than department. (a) COMPACTING UPTO 85% DENSITY	172831	3656.23	P%0Cft	Rs. 631910
	(b) COMPACTION 95-100% DENSITY	33310	6190.17	P%0Cft	Rs. 206195
2	SUB-BASE COURSE: - Preparing Sub-base course by supplying and spreading stone metal of 2" -1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing filling voids with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes, all types of materials, T&P and carriage upto site of work (3 chains).	14276	10423.20	P%Cft	Rs. 1488016
3	BRICKS ON EDGING: - Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).	4759	2719.53	P%Rft	Rs. 129422
4	BASE COURSE: - Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).	7138	11846.27	P%Cft	Rs. 845587
5	SURFACE DRESSING (03 COAT): - Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajri of 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).	28552	4346.00	P%Sft	Rs. 1240870
6	EARTH WORK ON BERMS: - Earth Work for embankment (Berms) from borrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 100 ft. and lift upto 5.0 ft. (in ordinary soil).	23799	2208.37	P%0Cft	Rs. 52557
					Total Rs. 4594557
Ded: Different Cost of 10.07 Ton Bitumen @ Rs. 22606.00 Per Nos					(-) Rs. 227642
					Total Rs. 4366915

No. Premium will be allowed on Item No.**Note:** Item/Quantities/Rates and amount are estimated provisional and will be corrected to the Detail Working Estimate sanctioned by competent authority**CONTRACTOR****EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

SCHEDULE "B" (01 No(s) Culvert(s))

**CONSTRUCTION OF ROAD FROM UMERKOT DHORONARO VIA KOTWAH @ POINT GULAB
MORI TO VILLAGE AFZAL HAEHPOTO TO CONNECT FAKIR HASHIM HALEPOTO ROAD
MILE 0/0-0/3+330 (0.70 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)	1056	3176.25	P%0Cft	Rs. 3354
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.	239	9416.28	P%Cft	Rs. 22505
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4	474	12501.41	P%Cft	Rs. 59257
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).	89	14429.25	P%Cft	Rs. 12842
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)	5.05	4820.20	P.Cft	Rs. 24342
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.	80	337.00	P.Cft	Rs. 26960
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partial wood (2nd class) (a) Vertical.	28	3127.41	P%Sft	Rs. 876
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	261	2344.59	P%Sft	Rs. 6119
				Total Rs.	156255

$$156255 \times 1 = 156255$$

CONTRACTOR

EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT

CONSTRUCTION OF ROAD FROM UMERKOT CHEEL BUND NABISAR THAR CHEHLAR**ROAD TO BAHEED PARO****MILE 0/0-0/3 (0.60 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 SUB GRADE:

Sub grade including earth excavation and filling to an average depth of 9" dressing to camber and consolidation with power roller

65261	526.28	P%Sft	Rs.	343456
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2 (d) EARTH WORK (A - 2 to 4 Soil):

Earth work for road embankment by Buldozers including ploughing, mixing Clod breaking, dressing and compacting With optimum moisture content. Lead upto 100ft and lift upto 5.00 ft. in all types of soil, except rock.

(a) COMPACTION 95-100% DENSITY

61182	10253.72	P%0Cft	Rs.	627343
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(b) COMPACTING UPTO 85% DENSITY

20399	7723.95	P%0Cft	Rs.	157561
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3 SUB-BASE COURSE: -

Preparing Sub-base course by supplying and spreading stone metal of 2" -1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing filling voids with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes, all types of materials, T&P and carriage upto site of work (3 chains).

12236	11029.47	P%Cft	Rs.	1349566
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4 BRICKS ON EDGING: -

Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).

4079	2761.23	P%Rft	Rs.	112631
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5 BASE COURSE: -

Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).

6118	12520.91	P%Cft	Rs.	766029
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6 SURFACE DRESSING (03 COAT): -

Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajri of 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).

24473	4395.62	P%Sft	Rs.	1075740
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Total Rs.	4432326
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Ded: Different Cost of 8.63 Ton Bitumen
@ Rs. 22606.00 Per Nos

(-) Rs.	195090
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Total Rs.	4237236
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CONTRACTOR**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

SCHEDULE "B" (01 No(s). Culvert(s))

CONSTRUCTION OF ROAD FROM UMERKOT CHEEL BUND NABISAR THAR CHEHLAR
ROAD TO BAHEED PARO
MILE 0/0-0/3 (0.60 KMS)

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)	1056	3176.25	P%0Cft	Rs. 3354
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.	239	9416.28	P%Cft	Rs. 22505
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4	474	12501.41	P%Cft	Rs. 59257
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).	89	14429.25	P%Cft	Rs. 12842
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)	5.05	4820.20	P.Cft	Rs. 24342
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.	80	337.00	P.Cft	Rs. 26960
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partial wood (2nd class) (a) Vertical.	28	3127.41	P%Sft	Rs. 876
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	261	2344.59	P%Sft	Rs. 6119
				Total Rs.	156255

$$156255 \times 1 = 156255$$

CONTRACTOR

EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT

SCHEDULE "B" PART - C (P.WALL)**CONSTRUCTION OF ROAD FROM UMERKOT CHEEL BUND NABISAR THAR CHEHLAR****ROAD TO BAHEED PARO****MILE 0/0-0/3 (0.60 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 EXCAVATION: -

Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)

688	3176.25	P%0Cft	Rs.	2185
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2 CEMENT CONCRETE RATIO (1:4:8): -

Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.

250	9416.28	P%Cft	Rs.	23541
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3 CEMENT CONCRETE (1:2:4): -

Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).

281	14429.25	P%Cft	Rs.	40546
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7 ERECTION AND REMOVAL : -

Erection and removal of centering for R.C.C. or plain cement concrete works of Partial wood (2nd class) (a) Vertical.

250	3127.41	P%Sft	Rs.	7819
Total Rs.				74091

CONTRACTOR**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

NAME OF WORK

**CONSTRUCTION OF ROAD FROM SAMARO UMERKOT ROAD TO OTAQUE HAJI ABDUL
KARIM PALLI**

MILE 0/0-0/5+330 (1.10 KMS)

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 FORMATION: -

Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 100 ft. and lift upto 5.0 ft. in all types of soil except rock. If earth work is done by other than department.

(a) COMPACTING UPTO 85% DENSITY

276270	3656.23	P%0Cft	Rs.	1010107
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(b) COMPACTION 95-100% DENSITY

52345	6190.17	P%0Cft	Rs.	324024
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2 SUB-BASE COURSE: -

Preparing Sub-base course by supplying and spreading stone metal of 2" -1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing filling voids with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes, all types of materials, T&P and carriage upto site of work (2 chains).

22433	10163.37	P%0Cft	Rs.	2279949
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3 BRICKS ON EDGING: -

Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).

7478	2750.80	P%0Rft	Rs.	205705
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4 BASE COURSE: -

Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).

11217	11557.13	P%0Cft	Rs.	1296363
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5 SURFACE DRESSING (03 COAT): -

Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajri of 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).

44867	4324.89	P%0Sft	Rs.	1940448
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6 EARTH WORK ON BERMS: -

Earth Work for embankment (Berms) from borrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 100 ft. and lift upto 5.0 ft. (in ordinary soil).

37398	2208.37	P%0Cft	Rs.	82589
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Total Rs.	7139185
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Ded: Different Cost of 15.82 Ton Bitumen

@ Rs. 22606.00 Per Nos

(-) Rs. 357627

Total Rs.	6781558
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No. Premium will be allowed on Item No.

Note: Item/Quantities/Rates and amount are estimated provisional and will be corrected to the Detail Working Estimate sanctioned by competent authority

CONTRACTOR

**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

SCHEDULE "B" (02 No(s) Culvert(s))
CONSTRUCTION OF ROAD FROM SAMARO UMERKOT ROAD TO OTAQUE HAJI ABDUL
KARIM PALLI
MILE 0/0-0/5+330 (1.10 KMS)

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)	1056	3176.25	P%0Cft	Rs. 3354
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.	239	9416.28	P%Cft	Rs. 22505
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4	474	12501.41	P%Cft	Rs. 59257
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).	89	14429.25	P%Cft	Rs. 12842
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)	5.05	4820.20	P.Cft	Rs. 24342
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.	80	337.00	P.Cft	Rs. 26960
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partial wood (2nd class) (a) Vertical.	28	3127.41	P%Sft	Rs. 876
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	261	2344.59	P%Sft	Rs. 6119
				Total Rs.	156255

$$156255 \times 2 = 312510$$

CONTRACTOR

EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT

SCHEDULE "B" PART-C (01 No(s) Culvert(s))
CONSTRUCTION OF ROAD FROM SAMARO UMERKOT ROAD TO OTAQUE HAJI ABDUL
KARIM PALLI
MILE 0/0-0/5+330 (1.10 KMS)

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)	2067	3176.25	P%0Cft	Rs. 6565
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.	344	9416.28	P%Cft	Rs. 32392
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4	683	12501.41	P%Cft	Rs. 85385
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).	96	14429.25	P%Cft	Rs. 13852
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)	9.73	4820.20	P.Cft	Rs. 46901
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.	162	337.00	P.Cft	Rs. 54594
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partial wood (2nd class) (a) Vertical.	76	3127.41	P%Sft	Rs. 2377
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	302	2344.59	P%Sft	Rs. 7081
				Total Rs.	249147
249147 x 1 = 249147					

CONTRACTOR

EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT

REHABILITATION OF ROAD FROM SAMARO UMERKOT ROAD @ ROAD SAMARO**(TOWN PORTION)****MILE 4/3-4/6 (0.60 KMS) IN PORTIONS**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 EARTH WORK ON BERMS WITH EXTRA LEAD

Earth work for road embankment by Bulldozers including ploughing, mixing Clod breaking, dressing and compacting With optimum moisture content. Lead upto 100ft and lift upto 5.00 ft. in all types of soil, except rock.

20700	7233.37	P%0Cft	Rs.	149731
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2 BRICKS ON EDGING: -

Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).

3154	2782.08	P%Rft	Rs.	87747
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3 BASE COURSE: -

Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).

21646	11412.57	P%Cft	Rs.	2470365
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4 1st COAT SURFACE DRESSING

Providing 1st coat surface dressing on new or existing surface with 4.00 cft of crush bajri of 3/4" - 3/8" in gauge in 30 lbs of Bitumen 80/100 penetration i/e cleaning the road surface rolling after coat etc. complete includes all cost of materials T&P carriage upto site of work.

28388	1906.09	P%Sft	Rs.	541101
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5 1" THICK PREMIXED CARPET

Providing 1" thick carpet in proper camber and grade i/c supplying of 10.00 cft crush bajri and 4.0 cft Hill sand of approved quarry quality and gauge and 67 lbs of bitumen of 80/100 penetration includes mixing in mechanical mixture in required proportion i/e heating the materials and cleaning the road surface. Rate includes all cost of materials T&P and carriage

28388	4704.36	P%Sft	Rs.	1335474
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Total Rs.	4584418
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Ded: Different Cost of **12.29** Ton Bitumen
@ Rs. **22606.00** Per Nos

(-) Rs.	277828
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Total Rs.	4306590
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CONTRACTOR**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

RECONDITIONING OF VARIOUS STREETS OF WARD NO. 07 IN KUNRI TOWN**MILE 0/0 - 1/0 (1.61 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 BASE COURSE: -

Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of appropriate quality properly graded in required thickness of 6" to proper camber & grade including supply and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen for and carriage up to site of work. (3 Chains).

28261	11942.64	P%Cft	Rs.	3375.
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2 1st COAT SURFACE DRESSING

Providing 1st coat surface dressing on new or existing surface with 4.00 cft of crush bajri of 3/8" in gauge in 30 lbs of Bitumen 80/100 penetration i/e cleaning the road surface rolling etc. complete includes all cost of materials T&P carriage up to site of work.

73516	1921.85	P%Sft	Rs.	1412.
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3 1-1/2" THICK PREMIXED CARPET

Providing 1-1/2" thick (consolidate) premixed carpet in proper camber and graded i/c supply of 15.00 cft crush bajri and 5.0 cft Hill sand of approved quarry quality and gauge and 93 lb bitumen of 80/100 penetration includes mixing in mechanical mixer in required proportion hearing the materials and cleaning the road surface (hill sand 3 Cft for mixing and 2 Cft dusting). Rate includes all cost of materials T&P and carriage up to site.

73516	5791.23	P%Sft	Rs.	4257.
Total Rs.				9045.

Ded: Different Cost of **40.37** Ton Bitumen
@ Rs. **22606.00** Per Nos

(-) Rs.	912.
Total Rs.	8132.

CONTRACTOR**EXECUTIVE ENGINEER HIGHWAY
DIVISION UMERKOT**

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NAME OF WORK
CONSTRUCTION OF ROAD FROM KUNRI NABISAR THAR ROAD TO VILLAGE AMEER
HASSAN KHASKHELI
MILE 0/2+330-0/7+330 (1.00 KMS)

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 FORMATION: -

Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 100 ft. and lift upto 5.0 ft. in all types of soil except rock. If earth work is done by other than department.

(a) COMPACTING UPTO 85% DENSITY

222033	3656.23	P%0Cft	Rs.	811804
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(b) COMPACTION 95-100% DENSITY

47586	6190.17	P%0Cft	Rs.	294565
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2 SUB-BASE COURSE: -

Preparing Sub-base course by supplying and spreading stone metal of 2" -1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing filling voids with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes, all types of materials, T&P and carriage upto site of work (2 chains).

20394	10683.03	P%Cft	Rs.	2178697
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3 BRICKS ON EDGING: -

Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).

6798	2792.50	P%Rft	Rs.	189834
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4 BASE COURSE: -

Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).

10197	12135.40	P%Cft	Rs.	1237447
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5 1st COAT SURFACE DRESSING

Providing 1st coat surface dressing on new or existing surface with 4.00 cft of crush bajri of 3/4" - 3/8" in gauge in 30 lbs of Bitumen 80/100 penetration i/e cleaning the road surface rolling after coat etc. complete includes all cost of materials T&P carriage upto site of work.

40788	1927.98	P%Sft	Rs.	786384
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6 1" THICK PREMIXED CARPET

Providing 1" thick carpet in proper camber and grade i/c supplying of 10.00 cft crush bajri and 4.0 cft Hill sand of approved quarry quality and gauge and 67 lbs of bitumen of 80/100 penetration includes mixing in mechanical mixture in required proportion i/e heating the materials and cleaning the road surface. Rate includes all cost of materials T&P and carriage upto site.

40788	4777.99	P%Sft	Rs.	1948847
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Total Rs.	7447578
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Ded: Different Cost of 17.66 Ton Bitumen
 @ Rs. 22606.00 Per Nos

(-) Rs.	399222
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Total Rs.	7048356
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No. Premium will be allowed on Item No.

Note: Item/Quantities/Rates and amount are estimated provisional and will be corrected to the Detail Working Estimate sanctioned by competent authority

CONTRACTOR

EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT

SCHEDULE "B" (01 No(s) Culvert(s))
CONSTRUCTION OF ROAD FROM KUNRI NABISAR THAR ROAD TO VILLAGE AMEER
HASSAN KHASKHELI
MILE 0/2+330-0/7+330 (1.00 KMS)

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)	1056	3176.25	P%0Cft	Rs. 3354
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.	239	9416.28	P%Cft	Rs. 22505
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4	474	12501.41	P%Cft	Rs. 59257
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).	89	14429.25	P%Cft	Rs. 12842
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)	5.05	4820.20	P.Cft	Rs. 24342
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.	80	337.00	P.Cft	Rs. 26960
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partial wood (2nd class) (a) Vertical.	28	3127.41	P%Sft	Rs. 876
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	261	2344.59	P%Sft	Rs. 6119
				Total Rs.	156255

156255 x 1 = 156255

CONTRACTOR

EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT

REHABILITATION OF ROAD FROM PALIO KHAN MORE ROAD TO MUHAJIR DARO**MILE 2/2-3/4 (2.00 KMS)****MILE 2/1-3/1 (1.61 KMS) IN PORTIONS**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 EARTH WORK ON BERMS

Earth work for road embankment by Buldozers including ploughing, mixing Clod breaking, dressing and compacting With optimum moisture content. Lead upto 100ft and lift upto 5.00 ft. in all types of soil, except rock.

143244	2208.37	P%0Cft	Rs.	316336
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2 BRICKS ON EDGING: -

Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).

10877	2855.04	P%Rft	Rs.	310543
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3 BASE COURSE: -

Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).

26105	12231.78	P%Cft	Rs.	3193106
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4 SURFACE DRESSING (03 COAT): -

Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajri of 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).

65261	4374.16	P%Sft	Rs.	2854621
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Total Rs.	6674606
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Ded: Different Cost of **23.02** Ton Bitumen

@ Rs. **22606.00** Per Nos

(-) Rs. **520390**

Total Rs.	6154216
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CONTRACTOR

**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

REHABILITATION OF ROAD FROM DARELO MORI DARELO MORE ROAD TO FAKIR**MIR HASSAN WASAYOPOTO****MILE 0/0-0/4 (0.80 KMS) IN PORTIONS**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 EARTH WORK ON BERMS

Earth work for road embankment by Buldozers including ploughing, mixing Clod breaking, dressing and compacting With optimum moisture content. Lead upto 100ft and lift upto 5.00 ft. in all types of soil, except rock.

58932	2208.37	P%0Cft	Rs.	130144
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2 BRICKS ON EDGING: -

Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).

4949	2886.32	P%Rft	Rs.	142844
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3 BASE COURSE: -

Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).

11506	12376.35	P%Cft	Rs.	1424023
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4 SURFACE DRESSING (03 COAT): -

Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajri of 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).

29694	4384.72	P%Sft	Rs.	1301999
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Total Rs.	2999010
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Ded: Different Cost of **10.47** Ton Bitumen
@ Rs. **22606.00** Per Nos

(-) Rs.	236685
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Total Rs.	2762325
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CONTRACTOR**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

RECONDITIONING OF ROAD FROM KUNRI NABISAR THAR KUNRI MEMON ROAD TO**YASEEN MEMON HOUSE****MILE 0/0 - 0/1 (0.20 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 EARTH WORK ON BERMS WITH EXTRA LEAD

Earth work for road embankment by Buldozers including ploughing, mixing Clod breaking, dressing and compacting With optimum moisture content. Lead upto 100ft and lift upto 5.00 ft. in all types of soil, except rock.

1486	7723.95	P%0Cft	Rs.	11478
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2 BRICKS ON EDGING: -

Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).

1153	2761.23	P%Rft	Rs.	31837
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3 BASE COURSE: -

Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).

2680	11942.64	P%Cft	Rs.	320063
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4 1st COAT SURFACE DRESSING

Providing 1st coat surface dressing on new or existing surface with 4.00 cft of crush bajri of 3/4" - 3/8" in gauge in 30 lbs of Bitumen 80/100 penetration I/e cleaning the road surface rolling after coat etc. complete includes all cost of materials T&P carriage upto site of work.

6918	1921.85	P%Sft	Rs.	132954
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5 1" THICK PREMIXED CARPET

Providing 1" thick capet in proper camber and grade I/c supplying of 10.00 cft crush bajri and 4.0 cft Hill snad of approved quarry quality and gauge and 67 lbs of bitumen of 80/100 penetration includes mixing in mechanical mixutre in required proportion i/e heating the materials and cleaning the road surface. Rate includes all cost of materials T&P and carriage

6918	5443.24	P%Sft	Rs.	376563
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Total Rs.	872895
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Ded: Different Cost of 3.00 Ton Bitumen
@ Rs. 22606.00 Per Nos

(-) Rs.	67818
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Total Rs.	805077
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CONTRACTOR**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

NAME OF WORK
CONSTRUCTION OF ROAD FROM BASHIR AHMED JATI - GHULAM MUHAMMAD
KHASKHELI VIA HANIF KHASKHELI ROAD TO VILLAGE WADERO WAHID KHASKHELI MILE
0/0-0/6 (1.20 KMS)
PHASE-I MILE 0/0-0/5 (1.00 KMS)

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 FORMATION: -

Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 100 ft. and lift upto 5.0 ft. in all types of soil except rock. If earth work is done by other than department.

(a) COMPACTING UPTO 85% DENSITY

225225	3656.23	P%0Cft	Rs.	823474
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(b) COMPACTION 95-100% DENSITY

47586	6190.17	P%0Cft	Rs.	294565
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2 SUB-BASE COURSE: -

Preparing Sub-base course by supplying and spreading stone metal of 2" -1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing filling voids with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes, all types of materials, T&P and carriage upto site of work (2 chains).

20394	10683.03	P%Cft	Rs.	2178697
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3 BRICKS ON EDGING: -

Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).

6798	2834.20	P%Rft	Rs.	192669
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4 BASE COURSE: -

Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).

10197	12135.40	P%Cft	Rs.	1237447
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5 SURFACE DRESSING (03 COAT): -

Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajri of 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).

40788	4368.15	P%Sft	Rs.	1781681
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6 EARTH WORK ON BERMS: -

Earth Work for embankment (Berms) from barrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 100 ft. and lift upto 5.0 ft. (in ordinary soil).

33999	2208.37	P%0Cft	Rs.	75082
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Total Rs.	6583615
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Ded: Different Cost of 14.39 Ton Bitumen

@ Rs. 22606.00 Per Nos

(-) Rs. 325300

Total Rs.	6258315
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No. Premium will be allowed on Item No.

Note: Item/Quantities/Rates and amount are estimated provisional and will be corrected to the Detail Working Estimate sanctioned by competent authority

CONTRACTOR

EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT

SCHEDULE "B" (03 No(s) Culvert(s))

**CONSTRUCTION OF ROAD FROM BASHIR AHMED JATT - GHULAM MUHAMMAD
KHASKHELI VIA HANIF KHASKHELI ROAD TO VILLAGE WADERO WAHID KHASKHELI MILE
PHASE-I MILE 0/0-0/5 (1.00 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)	1056	3176.25	P%0Cft	Rs. 3354
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.	239	9416.28	P%Cft	Rs. 22505
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4	474	12501.41	P%Cft	Rs. 59257
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).	89	14429.25	P%Cft	Rs. 12842
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)	5.05	4820.20	P.Cft	Rs. 24342
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.	80	337.00	P.Cft	Rs. 26960
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partial wood (2nd class) (a) Vertical.	28	3127.41	P%Sft	Rs. 876
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	261	2344.59	P%Sft	Rs. 6119
				Total Rs.	156255

$$156255 \quad \times \quad 3 \quad = \quad 468765$$

CONTRACTOR

EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT

NAME OF WORK**CONSTRUCTION OF ROAD FROM DHARMOON BHEEL ROAD TO VILLAGE VERSI KACCHI
MILE 0/0-1/7 (3.00 KMS)****PHASE-I MILE 0/0-0/3 (0.60 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 FORMATION: -

Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 100 ft. and lift upto 5.0 ft. in all types of soil except rock. If earth work is done by other than department.

(a) COMPACTING UPTO 85% DENSITY

144310	3656.23	P%0Cft	Rs.	527631
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(b) COMPACTION 95-100% DENSITY

28552	6190.17	P%0Cft	Rs.	176742
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2 SUB-BASE COURSE: -

Preparing Sub-base course by supplying and spreading stone metal of 2" - 1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing filling voids with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes, all types of materials, T&P and carriage upto site of work (2 chains).

12236	10639.73	P%Cft	Rs.	1301877
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3 BRICKS ON EDGING: -

Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).

4079	2782.08	P%Rft	Rs.	113481
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4 BASE COURSE: -

Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).

6118	12087.22	P%Cft	Rs.	739496
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5 SURFACE DRESSING (03 COAT): -

Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajri of 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).

24473	4364.64	P%Sft	Rs.	1068158
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6 EARTH WORK ON BERMS: -

Earth Work for embankment (Berms) from borrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 100 ft. and lift upto 5.0 ft. (in ordinary soil).

20399	2208.37	P%0Cft	Rs.	45049
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Total Rs.	3972434
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Ded: Different Cost of 8.63 Ton Bitumen

@ Rs. 22606.00 Per Nos

(-) Rs. 195090

Total Rs.	3777344
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No. Premium will be allowed on Item No.

Note: Item/Quantities/Rates and amount are estimated provisional and will be corrected to the Detail Working Estimate sanctioned by competent authority

CONTRACTOR

**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

SCHEDULE "B" (02 No(s) Culvert(s))**CONSTRUCTION OF ROAD FROM DHARMOON BHEEL ROAD TO VILLAGE VERSI KACCHI****MILE 0/0-1/7 (3.00 KMS)****PHASE-I MILE 0/0-0/3 (0.60 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)	1056	3176.25	P%0Cft	Rs. 3354
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.	239	9416.28	P%Cft	Rs. 22505
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4	474	12501.41	P%Cft	Rs. 59257
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).	89	14429.25	P%Cft	Rs. 12842
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)	5.05	4820.20	P.Cft	Rs. 24342
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which wil be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.	80	337.00	P.Cft	Rs. 26960
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partal wood (2nd class) (a) Vertical.	28	3127.41	P%Sft	Rs. 876
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	261	2344.59	P%Sft	Rs. 6119
				Total Rs.	156255

$$156255 \quad \times \quad 2 \quad = \quad 312510$$

CONTRACTOR**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

NAME OF WORK

**CONSTRUCTION OF ROAD FROM MIR MORI DARELO ROAD TO VILLAGE NIAZI KHAN
CHANDIO**

MILE 0/0-0/1+330 (0.30 KMS)

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 FORMATION: -

Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 100 ft. and lift upto 5.0 ft. in all types of soil excepted. If earth work is done by other than department.

(a) COMPACTING UPTO 85% DENSITY

70105	3656.23	P%0Cft	Rs.	256320
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(b) COMPACTION 95-100% DENSITY

14276	6190.17	P%0Cft	Rs.	88371
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2 SUB-BASE COURSE: -

Preparing Sub-base course by supplying and spreading stone metal of 2" -1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing filling voids with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes, all types of materials, T&P and carriage upto site of work (2 chains).

6118	10726.34	P%Cft	Rs.	656237
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3 BRICKS ON EDGING: -

Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).

2039	2834.20	P%Rft	Rs.	57789
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4 BASE COURSE: -

Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage up to site of work. (3 Chains).

3059	12183.59	P%Cft	Rs.	372696
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5 SURFACE DRESSING (03 COAT): -

Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajri of 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).

12236	4371.33	P%Sft	Rs.	534876
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6 EARTH WORK ON BERMS: -

Earth Work for embankment (Berms) from barrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 100 ft. and lift upto 5.0 ft. (in ordinary soil).

10200	2208.37	P%0Cft	Rs.	22525
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Total Rs.	1988814
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Ded: Different Cost of 4.32 Ton Bitumen
@ Rs. 22606.00 Per Nos

(-) Rs. 97658

Total Rs.	1891156
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No. Premium will be allowed on Item No.

Note: Item/Quantities/Rates and amount are estimated provisional and will be corrected to the Detail Working Estimate sanctioned by competent authority

CONTRACTOR

**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

SCHEDULE "B" (01 No(s) Culvert(s))**CONSTRUCTION OF ROAD FROM MIR MORI DARELO ROAD TO VILLAGE NIAZI KHAN****CHANDIO****MILE 0/0-0/1+330 (0.30 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)	1056	3176.25	P%0Cft	Rs. 3354
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.	239	9416.28	P%Cft	Rs. 22505
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4	474	12501.41	P%Cft	Rs. 59257
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).	89	14429.25	P%Cft	Rs. 12842
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)	5.05	4820.20	P.Cft	Rs. 24342
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which wil be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.	80	337.00	P.Cft	Rs. 26960
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partal wood (2nd class) (a) Vertical.	28	3127.41	P%Sft	Rs. 876
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	261	2344.59	P%Sft	Rs. 6119
				Total Rs.	156255

156255 x 1 = 156255

CONTRACTOR**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

NAME OF WORK**CONSTRUCTION OF ROAD FROM SAMARO KUNRI - LIAQUAT K.K ROAD TO VILLAGE JAN MUHAMMAD KAPRI MILE 0/0-1/2 (2.00 KMS)****PHASE-I MILE 0/0-0/3+330 (0.70 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 FORMATION: -

Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 100 ft. and lift upto 5.0 ft. in all types of soil excepted. If earth work is done by other than department.

(a) COMPACTING UPTO 85% DENSITY

109860	3656.23	P%0Cft	Rs.	401673
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(b) COMPACTION 95-100% DENSITY

33310	6190.17	P%0Cft	Rs.	206195
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2 SUB-BASE COURSE: -

Preparing Sub-base course by supplying and spreading stone metal of 2" -1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing filling voids with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes, all types of materials, T&P and carriage upto site of work (2 chains).

14276	10076.76	P%Cft	Rs.	1438558
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3 BRICKS ON EDGING: -

Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).

4759	2668.34	P%Rft	Rs.	126986
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4 BASE COURSE: -

Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage up to site of work. (3 Chains).

7138	11460.75	P%Cft	Rs.	818068
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5 SURFACE DRESSING (03 COAT): -

Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajri of 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).

28552	4318.54	P%Sft	Rs.	1233030
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6 EARTH WORK ON BERMS: -

Earth Work for embankment (Berms) from barrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 100 ft. and lift upto 5.0 ft. (in ordinary soil).

23799	2208.37	P%0Cft	Rs.	52557
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Total Rs.	4277067
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Ded: Different Cost of 10.07 Ton Bitumen

@ Rs. 22606.00 Per Nos

(-) Rs. 227642

Total Rs.	4049425
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No. Premium will be allowed on Item No.

Note: Item/Quantities/Rates and amount are estimated provisional and will be corrected to the Detail Working Estimate sanctioned by competent authority

CONTRACTOR

EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT

SCHEDULE "B" (01 No(s) Culvert(s))**CONSTRUCTION OF ROAD FROM SAMARO KUNRI - LIAQUAT K.K ROAD TO VILLAGE JAN****MUHAMMAD KAPRI MILE 0/0-1/2 (2.00 KMS)****PHASE-I MILE 0/0-0/3+330 (0.70 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)	1056	3176.25	P%0Cft	Rs. 3354
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.	239	9416.28	P%Cft	Rs. 22505
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4	474	12501.41	P%Cft	Rs. 59257
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).	89	14429.25	P%Cft	Rs. 12842
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)	5.05	4820.20	P.Cft	Rs. 24342
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.	80	337.00	P.Cft	Rs. 26960
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partal wood (2nd class) (a) Vertical.	28	3127.41	P%Sft	Rs. 876
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	261	2344.59	P%Sft	Rs. 6119
				Total Rs.	156255

$$156255 \times 1 = 156255$$

CONTRACTOR**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

NAME OF WORK

**CONSTRUCTION OF ROAD FROM KUNRI NABISAR THAR HASIL KHAN RIND ROAD TO
VILLAGE HANIF OAGY**

MILE 0/0-0/1+330 (0.30 KMS)

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 FORMATION: -

Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 100 ft. and lift upto 5.0 ft. in all types of soil excepted. If earth work is done by other than department.

(a) COMPACTING UPTO 85% DENSITY

73561	3656.23	P%0Cft	Rs.	268956
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(b) COMPACTION 95-100% DENSITY

14276	6190.17	P%0Cft	Rs.	88371
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2 SUB-BASE COURSE: -

Preparing Sub-base course by supplying and spreading stone metal of 2" -1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing filling voids with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes, all types of materials, T&P and carriage upto site of work (2 chains).

6118	10639.73	P%Cft	Rs.	650939
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3 BRICKS ON EDGING: -

Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).

2039	2792.50	P%Rft	Rs.	56939
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4 BASE COURSE: -

Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage up to site of work. (3 Chains).

3059	12087.22	P%Cft	Rs.	369748
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5 SURFACE DRESSING (03 COAT): -

Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajri of 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).

12236	4364.64	P%Sft	Rs.	534057
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6 EARTH WORK ON BERMS: -

Earth Work for embankment (Berms) from barrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 100 ft. and lift upto 5.0 ft. (in ordinary soil).

10200	2208.37	P%0Cft	Rs.	22525
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Total Rs.	1991535
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Ded: Different Cost of 4.32 Ton Bitumen
@ Rs. 22606.00 Per Nos

(-) Rs.	97658
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Total Rs.	1893877
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No. Premium will be allowed on Item No.

Note: Item/Quantities/Rates and amount are estimated provisional and will be corrected to the Detail Working Estimate sanctioned by competent authority

CONTRACTOR

**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

SCHEDULE "B" (01 No(s) Culvert(s))

**CONSTRUCTION OF ROAD FROM KUNRI NABISAR THAR HASIL KHAN RIND ROAD TO
VILLAGE HANIF OAGY
MILE 0/0-0/1+330 (0.30 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)	1056	3176.25	P%0Cft	Rs. 3354
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.	239	9416.28	P%Cft	Rs. 22505
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4	474	12501.41	P%Cft	Rs. 59257
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).	89	14429.25	P%Cft	Rs. 12842
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)	5.05	4820.20	P.Cft	Rs. 24342
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which wil be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.	80	337.00	P.Cft	Rs. 26960
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partal wood (2nd class) (a) Vertical.	28	3127.41	P%Sft	Rs. 876
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	261	2344.59	P%Sft	Rs. 6119
				Total Rs.	156255

$$156255 \times 1 = 156255$$

CONTRACTOR

EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT

NAME OF WORK**RECONDITIONING OF ROAD FROM KUNRI NABISAR THAR ROAD TO OTAQUE CH. IQBAL****MILE 0/0 - 0/5 (1.00 KMS)****MILE 0/0 - 0/2+330 (0.50 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EARTH WORK: - Earth Work for embankment (Berms) from borrow pits including laying in 6" layers, clod breaking, rammi dressing etc. complete. Lead upto 100 ft. and lift upto 5.0 ft. (in ordinary soil).				
		50992	2208.37	P%0Cft	Rs. 1126
2	BRICKS ON EDGING: - Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).				
		3399	2750.80	P%Rft	Rs. 935
3	BASE COURSE: - Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).				
		8158	11894.46	P%Cft	Rs. 9703
4	1st COAT SURFACE DRESSING Providing 1st coat surface dressing on new or existing surface with 4.00 cft of crush bajri of 3/4" - 3/8" in gauge in 30 lbs of Bitumen 80/100 penetration i/e cleaning the road surface rolling after coat etc. complete includes all cost of materials T&P carriage upto site of work.				
		20394	1920.55	P%Sft	Rs. 3916
5	1" THICK PREMIXED CARPET Providing 1" thick carpet in proper camber and grade i/c supplying of 10.00 cft crush bajri and 4.0 cft Hill sand of approved quarry quality and gauge and 67 lbs of bitumen of 80/100 penetration includes mixing in mechanical mixture in required proportion i/e heating the materials and cleaning the road surface. Rate includes all cost of materials T&P and carriage upto site				
		20394	4753.15	P%Sft	Rs. 9693
				Total Rs.	25374
	Ded: Different Cost of 8.83 Ton Bitumen @ Rs. 22606.00 Per Nos			(-) Rs.	1996
				Total Rs.	23378

No. Premium will be allowed on Item No.

Note: Item/Quantities/Rates and amount are estimated provisional and will be corrected to the Detail Work Estimate sanctioned by competent authority

CONTRACTOR

**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

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NAME OF WORK

**CONSTRUCTION OF ROAD FROM KUNRI MORE JHANGO HAYAT TO CH. UMER DIN GAPNO
ROAD TO VILLAGE CH. ABDUL AZIZ GAPNO MILE 0/0-1/2 (2.00 KMS)**

MILE 0/3-0/5+330 (0.50 KMS)

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	FORMATION: - Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 100 ft. and lift upto 5.0 ft. in all types of soil except brick. If earth work is done by other than department. (a) COMPACTING UPTO 85% DENSITY	114169	3656.23	P%0Cft	Rs. 417420
	(b) COMPACTION 95-100% DENSITY	22080	6190.17	P%0Cft	Rs. 136670
2	SUB-BASE COURSE: - Preparing Sub-base course by supplying and spreading stone metal of 2" - 1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing filling voids with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes, all types of materials, T&P and carriage upto site of work (2 chains). 3 BRICKS ON EDGING: - Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).	9463	10726.34	P%Cft	Rs. 101503
		3154	2813.35	P%Rft	Rs. 8873
4	BASE COURSE: - Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).	4731	12183.59	P%Cft	Rs. 57640
5	SURFACE DRESSING (03 COAT): - Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajri of 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).	18926	4371.68	P%Sft	Rs. 82738
6	EARTH WORK ON BERMS: - Earth Work for embankment (Berms) from borrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 100 ft. and lift upto 5.0 ft. (in ordinary soil).	15776	2208.37	P%0Cft	Rs. 3483
Total Rs.					309650
Ded: Different Cost of 6.67 Ton Bitumen @ Rs. 22606.00 Per Nos					(-) Rs. 15078
					Total Rs. 294572

No. Premium will be allowed on Item No.

Note: Item/Quantities/Rates and amount are estimated provisional and will be corrected to the Detail Working Estimate sanctioned by competent authority

CONTRACTOR

**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

SCHEDULE "B" (01 No(s) Culvert(s))

CONSTRUCTION OF ROAD FROM KUNRI MORE JHANGO HAYAT TO CH. UMER DIN GAPNC
ROAD TO VILLAGE CH. ABDUL AZIZ GAPNO MILE 0/0-1/2 (2.00 KMS)
MILE 0/3-0/5+330 (0.50 KMS)

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)	1056	3176.25	P%0Cft	Rs. 3350
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.	239	9416.28	P%Cft	Rs. 2250
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4	474	12501.41	P%Cft	Rs. 5925
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).	89	14429.25	P%Cft	Rs. 1284
5	FEBRICATION: - Febriation of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)	5.05	4820.20	P.Cft	Rs. 2434
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which wil be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.	80	337.00	P.Cft	Rs. 2696
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partal wood (2nd class) (a) Vertical.	28	3127.41	P%Sft	Rs. 87
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	261	2344.59	P%Sft	Rs. 611
				Total Rs.	15625

$$156255 \quad \times \quad 1 \quad = \quad 156255$$

CONTRACTOR

EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT

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**CONSTRUCTION OF 02 NOS. 3.00 FT SPAN CULVERTS ALONG THE ROAD KUNRI
NABISAR THAR SARMAST KHAN RIND ROAD & NAWAB SHAHMIR TALPUR (I/C
APPROACH)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	SUB GRADE: Sub grade including earth excavation are filling to an averagedepth of 9" dressing to camber and consolidation with power roller				
	Nabisar Thar Sarmast Khan Rind	240	526.28	P%Sft	Rs. 1263
	Nawab Shahmir Talpur Road	240	526.28	P%Sft	Rs. 1263
2	SUB-BASE COURSE: - Preparing Sub-base course by supplying and spreading stone metal of 2" -1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing filling viods with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes. all types of materials T&P and carriage upto site of				
	Nabisar Thar Sarmast Khan Rind	120	4381.76	P%Cft	Rs. 5258
	Nawab Shahmir Talpur Road	120	4381.76	P%Cft	Rs. 5258
3	BRICKS ON EDGING: - Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).				
	Nabisar Thar Sarmast Khan Rind	330	2750.80	P%Rft	Rs. 9078
	Nawab Shahmir Talpur Road	330	2813.35	P%Rft	Rs. 9284
4	BASE COURSE: - Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providina & usina templates. camber plates. Screen forms and carriage upto site of work /3				
	Nabisar Thar Sarmast Khan Rind	540	12231.78	P%Cft	Rs. 66052
	Nawab Shahmir Talpur Road	540	12231.78	P%Cft	Rs. 66052
5	1st COAT SURFACE DRESSING Providing 1st coat surface dressing on new or existing surface with 4.00 cftof crush bajri of 3/4" - 3/8" in guage in 30 lbs of Bitumen 80/100 penetration l/e cleaning the road surface rolling after coat etc. complete includes all cost of materials T&P carriage upto site of work.				
	Nabisar Thar Sarmast Khan Rind	1080	1922.24	P%Sft	Rs. 20760
	Nawab Shahmir Talpur Road	1080	1930.85	P%Sft	Rs. 20853
6	1" THICK PREMIXED CARPET Providing 1" thick capet in proper camber and grade l/c supplying of 10.00 cft crush bajri and 4.0 cft Hill snad of approved quarry quality and gauge and 67 lbs of bitumen of 80/100 penetration includes mixing in mechanical mixutre in required proportion i/e heating the materials and cleaning the road surface. Rate includes all cost of materials T&P and carriage upto site				
	Nabisar Thar Sarmast Khan Rind	1080	4758.58	P%Sft	Rs. 51393
	Nawab Shahmir Talpur Road	1080	4787.69	P%Sft	Rs. 51707
				Total Rs.	308221
	Ded: Different Cost of 0.94 Ton Bitumen				
	@ Rs. 22606.00 Per Nos			(-) Rs.	21250
				Total Rs.	286971

CONTRACTOR

EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT

SCHEDULE "B" (01 No(s). Culvert(s))**CONSTRUCTION OF 02 NOS. 3.00 FT SPAN CULVERTS ALONG THE ROAD KUNRI
NABISAR THAR SARMAST KHAN RIND ROAD & NAWAB SHAHMIR TALPUR (I/C
APPROACH)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil) Nabisar Thar Sarmast Khan Rind & Nawab Shahmir Talpur Road	1044	3176.25	P%0Cft	Rs. 3316
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8. Nabisar Thar Sarmast Khan Rind & Nawab Shahmir Talpur Road	232	9416.28	P%Cft	Rs. 21846
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4 Nabisar Thar Sarmast Khan Rind & Nawab Shahmir Talpur Road	545	12501.41	P%Cft	Rs. 68133
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio Nabisar Thar Sarmast Khan Rind & Nawab Shahmir Talpur Road	89	14429.25	P%Cft	Rs. 12842
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.) Nabisar Thar Sarmast Khan Rind & Nawab Shahmir Talpur Road	5.22	4820.20	P.Cft	Rs. 25161
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which wil be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge. Nabisar Thar Sarmast Khan Rind & Nawab Shahmir Talpur Road	80	337.00	P.Cft	Rs. 26960
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partal wood (2nd class) (a) Vertical. Nabisar Thar Sarmast Khan Rind & Nawab Shahmir Talpur Road	39	3127.41	P%Sft	Rs. 1220
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick. Nabisar Thar Sarmast Khan Rind & Nawab Shahmir Talpur Road	316	2344.59	P%Sft	Rs. 7409
				Total Rs.	166887

$$166887 \times 2 = 333774$$

CONTRACTOR

EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT

**RECONDITIONING OF ROAD FROM SAMARO KUNRI ROAD TO BUSTAN PUCCA
MORE ROAD VIA DR. NARAIN DAS MILE 0/0-3/7 (6.20 KMS)**

PHASE-IV MILE 2/5+330 - 3/7 (1.90 KMS)

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 EARTH WORK ON BERMS WITH EXTRA LEAD

Earth work for road embankment by Buldozers including ploughing, mixing Clod breaking, dressing and compacting With optimum moisture content. Lead upto 100ft and lift upto 5.00 ft. in all types of soil, except rock.

229304	2208.37	P%0Cft	Rs.	506388
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2 BRICKS ON EDGING: -

Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).

10877	2771.65	P%Rft	Rs.	301472
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4 BASE COURSE: -

Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).

35893	11749.89	P%Cft	Rs.	4217388
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5 SURFACE DRESSING (03 COAT): -

Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajri of 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).

65261	4339.32	P%Sft	Rs.	2831884
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Total Rs.	7857132
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Ded: Different Cost of **23.02** Ton Bitumen
@ Rs. **22606.00** Per Nos

(-) Rs.	520390
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Total Rs.	7336742
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CONTRACTOR

**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

NAME OF WORK

**CONSTRUCTION OF ROAD FROM SAMARO KUNRI ROAD @ TOBA SHAKH STOP TO
 OTAQUE QAZI SADIQUE MILE 0/0-0/5 (1.00 KMS)**

PHASE-I MILE 0/0-0/2+330 (0.50 KMS)

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 FORMATION: -

Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 100 ft. and lift upto 5.0 ft. in all types of soil except rock. If earth work is done by other than department.

(a) COMPACTING UPTO 85% DENSITY

58169	3656.23	P%0Cft	Rs.	212679
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(b) COMPACTION 95-100% DENSITY

23793	6190.17	P%0Cft	Rs.	147283
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2 SUB-BASE COURSE: -

Preparing Sub-base course by supplying and spreading stone metal of 2" -1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing filling voids with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes, all types of materials, T&P and carriage upto site of work (2 chains).

10197	9773.63	P%Cft	Rs.	996617
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3 BRICKS ON EDGING: -

Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).

3399	2668.34	P%Rft	Rs.	90697
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4 BASE COURSE: -

Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).

5099	11123.44	P%Cft	Rs.	567184
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5 SURFACE DRESSING (03 COAT): -

Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajri of 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).

20394	4294.26	P%Sft	Rs.	875771
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6 EARTH WORK ON BERMS: -

Earth Work for embankment (Berms) from barrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 100 ft. and lift upto 5.0 ft. (in ordinary soil).

16999	2208.37	P%0Cft	Rs.	37540
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Total Rs.	2927771
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Ded: Different Cost of 7.19 Ton Bitumen
 @ Rs. 22606.00 Per Nos

(-) Rs.	162537
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Total Rs.	2765234
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No. Premium will be allowed on Item No.

Note: Item/Quantities/Rates and amount are estimated provisional and will be corrected to the Detail Working Estimate sanctioned by competent authority

CONTRACTOR

**EXECUTIVE ENGINEER HIGHWAYS
 DIVISION UMERKOT**

SCHEDULE "B" (02 No(s) Culvert(s))**CONSTRUCTION OF ROAD FROM SAMARO KUNRI ROAD @ TOBA SHAKH STOP TO****OTAQUE QAZI SADIQUE MILE 0/0-0/5 (1.00 KMS)****PHASE-I MILE 0/0-0/2+330 (0.50 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)	1056	3176.25	P%0Cft	Rs. 3354
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.	239	9416.28	P%Cft	Rs. 22505
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4	474	12501.41	P%Cft	Rs. 59257
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).	89	14429.25	P%Cft	Rs. 12842
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)	5.05	4820.20	P.Cft	Rs. 24342
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.	80	337.00	P.Cft	Rs. 26960
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partial wood (2nd class) (a) Vertical.	28	3127.41	P%Sft	Rs. 876
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	261	2344.59	P%Sft	Rs. 6119
				Total Rs.	156255

$$156255 \times 2 = 312510$$

CONTRACTOR

EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT

NAME OF WORK
CONSTRUCTION OF ROAD FROM MEHRAB BANGLANI ROAD TO VILLAGE DIN MOHAMMAD
BANGLANI
MILE 0/0-0/1+330 (0.30 KMS)

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 FORMATION: -

Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 100 ft. and lift upto 5.0 ft. in all types of soil excepted. If earth work is done by other than department.

(a) COMPACTING UPTO 85% DENSITY

71434	7723.95	P%0Cft	Rs.	551753
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(b) COMPACTION 95-100% DENSITY

14276	10253.72	P%0Cft	Rs.	146382
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2 SUB-BASE COURSE: -

Preparing Sub-base course by supplying and spreading stone metal of 2" -1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing filling voids with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes, all types of materials, T&P and carriage upto site of work (2 chains).

6118	9903.54	P%Cft	Rs.	605899
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3 BRICKS ON EDGING: -

Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).

2039	2802.92	P%Rft	Rs.	57152
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4 BASE COURSE: -

Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).

3059	11268.00	P%Cft	Rs.	344688
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5 SURFACE DRESSING (03 COAT): -

Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajri of 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).

12236	4304.81	P%Sft	Rs.	526737
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6 EARTH WORK ON BERMS: -

Earth Work for embankment (Berms) from borrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 100 ft. and lift upto 5.0 ft. (in ordinary soil).

10200	6278.37	P%0Cft	Rs.	64039
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Total Rs.	2296650
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Ded: Different Cost of 4.32 Ton Bitumen
 @ Rs. 22606.00 Per Nos

(-) Rs. 97658

Total Rs.	2198992
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No. Premium will be allowed on Item No.

Note: Item/Quantities/Rates and amount are estimated provisional and will be corrected to the Detail Working Estimate sanctioned by competent authority

CONTRACTOR

EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT

SCHEDULE "B" (01 No(s) Culvert(s))**CONSTRUCTION OF ROAD FROM MEHRAB BANGLANI ROAD TO VILLAGE DIN MOHAMMAD****BANGLANI****MILE 0/0-0/1+330 (0.30 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)				
		1056	3176.25	P%0Cft	Rs. 3354
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.				
		239	9416.28	P%Cft	Rs. 22505
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4				
		474	12501.41	P%Cft	Rs. 59257
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).				
		89	14429.25	P%Cft	Rs. 12842
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)				
		5.05	4820.20	P.Cft	Rs. 24342
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which wil be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.				
		80	337.00	P.Cft	Rs. 26960
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partal wood (2nd class) (a) Vertical.				
		28	3127.41	P%Sft	Rs. 876
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.				
		261	2344.59	P%Sft	Rs. 6119
				Total Rs.	156255

156255 x 1 = 156255

CONTRACTOR**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

NAME OF WORK

RECONDITIONING OF ROAD FROM VARIOUS STREETS OF TALHI TOWN

MILE 0/0-0/4+140 (0.81 KMS)

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	<u>EARTH WORK ON BERMS WITH EXTRA LEAD</u> Earth work for road embankment with extra lead from 2 miles away from site supplying, stating, loadi unloading, dressing, watering and compacting etc complete	7008	6278.37	P%0Cft	Rs. 439
2	<u>BRICKS ON EDGING: -</u> Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).	3448	2711.50	P%Rft	Rs. 934
4	<u>BASE COURSE: -</u> Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).	17385	11701.70	P%Cft	Rs. 20343
5	<u>1st COAT SURFACE DRESSING</u> Providing 1st coat surface dressing on new or existing surface with 4.00 cft of crush bajri of 3/4" - 3/8" in gauge in 30 lbs of Bitumen 80/100 penetration i/e cleaning the road surface rolling after coat etc. complete includes all cost of materials T&P carriage upto site of work.	42726	1914.95	P%Sft	Rs. 8181
6	<u>1" THICK PREMIXED CARPET</u> Providing 1" thick carpet in proper camber and grade i/c supplying of 10.00 cft crush bajri and 4.0 cft Hill sand of approved quarry quality and gauge and 67 lbs of bitumen of 80/100 penetration includes mixing in mechanical mixture in required proportion i/e heating the materials and cleaning the road surface. Rate includes all cost of materials T&P and carriage upto site	42726	4734.03	P%Sft	Rs. 20226
Total Rs.					50126
Ded: Different Cost of 18.50 Ton Bitumen @ Rs. 22606.00 Per Nos					(-) Rs. 4182
					Total Rs. 45944

No. Premium will be allowed on Item No.

Note: Item/Quantities/Rates and amount are estimated provisional and will be corrected to the Detail Work
Estimate sanctioned by competent authority

CONTRACTOR

**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

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NAME OF WORK

CONSTRUCTION OF ROAD FROM SAMARO UMERKOT MUNIUME PALLI MORE JHANGO VIA JAN MUHAMMAD PALLI ROAD TO (1) OTAQUE SAIFULLAH PALLI 500 RFT. (2) PHATAN PALLI 300 RFT.

MILE 0/0-0/1+140 (0.24 KMS)

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 FORMATION: -

Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 100 ft. and lift upto 5.0 ft. in all types of soil except rock. If earth work is done by other than department.

(a) COMPACTING UPTO 85% DENSITY

35767	3656.23	P%0Cft	Rs.	130772
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(b) COMPACTION 95-100% DENSITY

12692	6190.17	P%0Cft	Rs.	78566
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2 SUB-BASE COURSE: -

Preparing Sub-base course by supplying and spreading stone metal of 2" -1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing filling voids with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes, all types of materials, T&P and carriage upto site of work (2 chains).

5439	10509.81	P%Cft	Rs.	571629
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3 BRICKS ON EDGING: -

Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).

1813	2761.23	P%Rft	Rs.	50061
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4 BASE COURSE: -

Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).

2720	11942.64	P%Cft	Rs.	324840
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5 SURFACE DRESSING (03 COAT): -

Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajri of 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).

10879	4349.53	P%Sft	Rs.	473185
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6 EARTH WORK ON BERMS: -

Earth Work for embankment (Berms) from borrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 100 ft. and lift upto 5.0 ft. (in ordinary soil).

9068	2208.37	P%0Cft	Rs.	20025
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Total Rs.	1649078
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Ded: Different Cost of 3.84 Ton Bitumen
 @ Rs. 22606.00 Per Nos

(-) Rs.	86807
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Total Rs.	1562271
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No. Premium will be allowed on Item No.

Note: Item/Quantities/Rates and amount are estimated provisional and will be corrected to the Detail Working Estimate sanctioned by competent authority

CONTRACTOR

**EXECUTIVE ENGINEER HIGHWAYS
 DIVISION UMERKOT**

SCHEDULE "B" (01 No(s) Culvert(s))

**CONSTRUCTION OF ROAD FROM SAMARO UMERKOT MUNIUME PALLI MORE JHANGO VIA
JAN MUHAMMAD PALLI ROAD TO (1) OTAQUE SAIFULLAH PALLI 500 RFT. (2) PHATAN
MILE 0/0-0/1+140 (0.24 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 EXCAVATION: -

Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)

1056	3176.25	P%0Cft	Rs.	3354
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2 CEMENT CONCRETE RATIO (1:4:8): -

Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.

239	9416.28	P%Cft	Rs.	22505
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3 PUCCA BRICK WORK RATIO 1:4: -

Pucca brick work in foundation and plinth in cement sand mortar 1:4

474	12501.41	P%Cft	Rs.	59257
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4 CEMENT CONCRETE (1:2:4): -

Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).

89	14429.25	P%Cft	Rs.	12842
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5 FEBRICATION: -

Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)

5.05	4820.20	P.Cft	Rs.	24342
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6 R.C.C. WORK. RATIO 1:2:4: -

Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which wil be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.

80	337.00	P.Cft	Rs.	26960
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7 ERECTION AND REMOVAL : -

Erection and removal of centering for R.C.C. or plain cement concrete works of Partal wood (2nd class) (a) Vertical.

28	3127.41	P%Sft	Rs.	876
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8 CEMENT PLASTER RATIO 1:3: -

Cement Plaster 1:3 upto 20.0' height. 1/2" thick.

261	2344.59	P%Sft	Rs.	6119
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Total Rs.			156255
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$$156255 \quad \times \quad 1 \quad = \quad 156255$$

CONTRACTOR

**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

**CONSTRUCTION OF ROAD FROM DHORONARO UMERKOT VIA RANA JAGIR ROAD @
POINT LAKHI WATER TO VILLAGE HAJI REHMATULLAH RAHIMOON**

MILE 0/3-1/1 (1.20 KMS)

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 SUB GRADE:

Sub grade including earth excavation are filling to an averagedepth of 9`` dressing to camber and consolidation with power roller

57103	526.28	P%Sft	Rs.	300522
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2 EARTH WORK ON BERMS: -

Earth Work for embankment (Berms) from barrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 100 ft. and lift upto 5.0 ft. (in ordinary soil).

Berms

40798	2208.37	P%0Cft	Rs.	90097
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3 SUB-BASE COURSE: -

Preparing Sub-base course by supplying and spreading stone metal of 2" -1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing filling viods with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes, all types of materials, T&P and carriage upto site of work (3 chains).

24473	10553.12	P%Cft	Rs.	2582665
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4 BRICKS ON EDGING: -

Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).

8158	2690.89	P%Rft	Rs.	219523
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5 BASE COURSE: -

Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).

12236	11990.84	P%Cft	Rs.	1467199
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6 SURFACE DRESSING (03 COAT): -

Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajriof 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).

48946	4353.04	P%Sft	Rs.	2130639
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Total Rs.	6790645
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Ded: Different Cost of **17.26** Ton Bitumen
@ Rs. **22606.00** Per Nos

(-) Rs.	390180
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Total Rs.	6400465
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CONTRACTOR

**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

SCHEDULE "B" (01 No(s). Culvert(s))**CONSTRUCTION OF ROAD FROM DHORONARO UMERKOT VIA RANA JAGIR ROAD @
POINT LAKHI WATER TO VILLAGE HAJI REHMATULLAH RAHIMOON****MILE 0/3-1/1 (1.20 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)	1056	3176.25	P%0Cft	Rs. 3354
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.	239	9416.28	P%Cft	Rs. 22505
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4	474	12501.41	P%Cft	Rs. 59257
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).	89	14429.25	P%Cft	Rs. 12842
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)	5.05	4820.20	P.Cft	Rs. 24342
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.	80	337.00	P.Cft	Rs. 26960
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partal wood (2nd class) (a) Vertical.	28	3127.41	P%Sft	Rs. 876
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	261	2344.59	P%Sft	Rs. 6119
				Total Rs.	156255

$$156255 \times 1 = 156255$$

CONTRACTOR**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

NAME OF WORK

RECONDITIONING OF ROAD FROM VARIOUS STREETS OF TALHI TOWN

MILE 0/0-0/4+140 (0.81 KMS)

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION Excavation in existing Berms for widening the road including preparation of Sub-Grade after watering, rolling with power roller dressing the excavated stuff etc.	8158	526.27	P%Cft	Rs. 42933
2	SAND CUSHION Providing sand cushion including supplying and spreading pit canal sand of approved quality and approved source to the cite of work including watering and compacting etc complete rate include all cost of materials T&P and carriage upto cite of work (Lead Average 3 Mile)	3960	1479.41	P%Cft	Rs. 5858
3	DIAGONAL GROOVES Making Diagonal Grooves of 1 1/2" x 1 1/2" at 2' center to center in road surface.	16315	146.41	P%Cft	Rs. 2389
4	EARTH WORK (A - 2 to 4 Soil): Earth work for road embankment by Buldozers including ploughing, mixing Clod breaking, dressing and compacting With optimum moisture content. Lead upto 100ft and lift upto 5.00 ft. in all types of soil, except rock.	77110	10253.72	P%0Cft	Rs. 790664
5	EARTH WORK ON BERMS WITH EXTRA LEAD Earth work for road embankment with extra lead from 2 miles away from site supplying, stating, loading, unloading, dressing, watering and compacting etc complete	3505	7723.95	P%0Cft	Rs. 27072
6	SUB-BASE COURSE: - Preparing Sub-base course by supplying and spreading stone metal of 2" - 1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing filling voids with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes, all types of materials, T&P and carriage upto site of work (3 chains).	2039	10379.90	P%Cft	Rs. 211646
7	BRICKS ON EDGING: - Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).	5438	2771.65	P%Rft	Rs. 150722
8	BASE COURSE: - Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).	22943	11798.08	P%Cft	Rs. 2706833
5	1st COAT SURFACE DRESSING Providing 1st coat surface dressing on new or existing surface with 4.00 cft of crush bajri of 3/4" - 3/8" in gauge in 30 lbs of Bitumen 80/100 penetration i/e cleaning the road surface rolling after coat etc. complete includes all cost of materials T&P carriage upto site of work	48946	1917.56	P%Sft	Rs. 938569
6	1" THICK PREMIXED CARPET Providing 1" thick carpet in proper camber and grade i/c supplying of 10.00 cft crush bajri and 4.0 cft Hill sand of approved quarry quality and gauge and 67 lbs of bitumen of 80/100 penetration includes mixing in mechanical mixture in required proportion i/e heating the materials and cleaning the road surface. Rate includes all cost of materials T&P and carriage upto site.	48946	4743.15	P%Sft	Rs. 2321582
Total Rs.					7198268
Ded: Different Cost of 21.20 Ton Bitumen					
@ Rs. 22606.00 Per Nos					
					(-) Rs. 479247
Total Rs.					6719021

No. Premium will be allowed on Item No.

Note: Item/Quantities/Rates and amount are estimated provisional and will be corrected to the Detail Working Estimate sanctioned by competent authority

CONTRACTOR

**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

NAME OF WORK**RECONDITIONING OF ROAD FROM VARIOUS STREETS OF NABISAR ROAD****MILE 0/0-0/7+380 (1.52 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	<u>EARTH WORK ON BERMS WITH EXTRA LEAD</u> Earth work for road embankment with extra lead from 2 miles away from site supplying, stating, loading, unloading, dressing, watering and compacting etc complete	12787	6278.37	P%0Cft	Rs. 8028
2	<u>BRICKS ON EDGING: -</u> Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).	5438	2613.18	P%Rft	Rs. 14210
4	<u>BASE COURSE: -</u> Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).	23632	11653.51	P%Cft	Rs. 275395
5	<u>1st COAT SURFACE DRESSING</u> Providing 1st coat surface dressing on new or existing surface with 4.00 cft of crush bajri of 3/4" - 3/8" in gauge in 30 lbs of Bitumen 80/100 penetration i/e cleaning the road surface rolling after coat etc. complete includes all cost of materials T&P carriage upto site of work.	59517	1913.65	P%Sft	Rs. 113894
6	<u>1" THICK PREMIXED CARPET</u> Providing 1" thick carpet in proper camber and grade i/c supplying of 10.00 cft crush bajri and 4.0 cft Hill sand of approved quarry quality and gauge and 67 lbs of bitumen of 80/100 penetration includes mixing in mechanical mixture in required proportion i/e heating the materials and cleaning the road surface. Rate includes all cost of materials T&P and carriage upto site	59517	4729.48	P%Sft	Rs. 281484
Total Rs.					693013
Ded: Different Cost of 25.77 Ton Bitumen					
@ Rs. 22606.00 Per Nos					
					(-) Rs. 58255
					Total Rs. 634757

No. Premium will be allowed on Item No.

Note: Item/Quantities/Rates and amount are estimated provisional and will be corrected to the Detail Working Estimate sanctioned by competent authority

CONTRACTOR

**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

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NAME OF WORK**RECONDITIONING OF ROAD FROM ALLAH WALA CHOWK (KUNRI) TO NAKA BODAR FAR****ASIAN BANK ROAD****MILE 0/0 - 0/5 (1.00 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	<u>EARTH WORK ON BERMS WITH EXTRA LEAD</u> Earth work for road embankment with extra lead from 2 miles away from site supplying, stating, loadi unloading, dressing, watering and compacting etc complete	27608	7723.95	P%0Cft	Rs. 2132
2	<u>BRICKS ON EDGING: -</u> Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).	6798	2761.23	P%Rft	Rs. 1877
4	<u>BASE COURSE: -</u> Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).	23708	11942.64	P%Cft	Rs. 28313
5	<u>1st COAT SURFACE DRESSING</u> Providing 1st coat surface dressing on new or existing surface with 4.00 cft of crush bajri of 3/4" - 3/8" in guage in 30 lbs of Bitumen 80/100 penetration i/e cleaning the road surface rolling after coat etc. complete includes all cost of materials T&P carriage upto site of work.	61182	1921.85	P%Sft	Rs. 11758
6	<u>1" THICK PREMIXED CARPET</u> Providing 1" thick capet in proper camber and grade i/c supplying of 10.00 cft crush bajri and 4.0 cft Hill snad of approved quarry quality and gauge and 67 lbs of bitumen of 80/100 penetration includes mixing in mechanical mixutre in required proportion i/e heating the materials and cleaning the road surface. Rate includes all cost of materials T&P and carriage upto site	61182	5443.24	P%Sft	Rs. 33302
				Total Rs.	77384
Ded: Different Cost of 26.49 Ton Bitumen				(-) Rs.	5988
@ Rs. 22606.00 Per Nos				Total Rs.	71395

No. Premium will be allowed on Item No.

Note: Item/Quantities/Rates and amount are estimated provisional and will be corrected to the Detail Work Estimate sanctioned by competent authority

CONTRACTOR

**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

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RECONDITIONING OF ROAD FROM UMERKOT CHEEL ROAD TO OKRARO PANWHAR**ROAD MILE 0/0-2/0 (IN PORTIONS)****PHASE-I MILE 0/0-0/5+330 (1.10 KMS) IN PORTIONS**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 EARTH WORK: -

Earth Work for embankment (Berms) with extra lead for 2.00 Mile away from site supplying statikining loading un-loading dressing water and compacting.

Berms

133608	2208.37	P%0Cft	Rs.	295056
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2 BRICKS ON EDGING: -

Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).

6344	2711.50	P%Rft	Rs.	172018
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3 BASE COURSE: -

Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).

15227	12279.97	P%Cft	Rs.	1869871
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4 SURFACE DRESSING (03 COAT): -

Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajri of 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).

38067	4377.68	P%Sft	Rs.	1666451
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Total Rs.	4003396
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Ded: Different Cost of **13.43** Ton Bitumen

@ Rs. **22606.00** Per Nos

(-) Rs. **303599**

Total Rs.	3699797
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CONTRACTOR**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

SCHEDULE "B" (01 No(s). Culvert(s))**RECONDITIONING OF ROAD FROM UMERKOT CHEEL ROAD TO OKRARO PANWHAR****ROAD MILE 0/0-2/0 (IN PORTIONS)****PHASE-I MILE 0/0-0/5+330 (1.10 KMS) IN PORTIONS**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	DISMENTALLING RCC Ratio 1:2:4	423	5445.00	P%Cft	Rs. 23032
2	DISMENTALLING 1:2:4 CC Plain Ratio 1:2:4	15	3327.50	P%Cft	Rs. 499
3	DISMENTALLING (PUCCA BRICK WORK) Pucca Brick work in Cement sand mortar ratio 1:4	58	1285.63	P%Cft	Rs. 746
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)	73	3176.25	P%0Cft	Rs. 232
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.	66	9416.28	P%Cft	Rs. 6215
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4	87	12501.41	P%Cft	Rs. 10876
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).	91	14429.25	P%Cft	Rs. 13131
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)	5.10	4820.20	P.Cft	Rs. 24583
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.	82	337.00	P.Cft	Rs. 27634
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partial wood (2nd class) (a) Vertical.	28	3127.41	P%Sft	Rs. 876
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	272	2344.59	P%Sft	Rs. 6377
				Total Rs.	82263

82263 x 1 = 82263

CONTRACTOR

EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT

NAME OF WORK

CONSTRUCTION OF ROAD FROM MIRPURKHAS UMERKOT ROAD @ POINT CATTLE FARM -
ALI BUX BANGLANI ROAD TO VILLAGE ARZ MOHAMMAD BANGLANI & SAJJID BANGLANI

MILE 0/2+330-1/3+200 (1.76 KMS)

MILE 0/2+330-0/5 (0.50 KMS)

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	FORMATION: - Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 100 ft. and lift upto 5.0 ft. in all types of soil except trick. If earth work is done by other than department. (a) COMPACTING UPTO 85% DENSITY	49749	3656.23	P%0Cft	Rs. 181894
	(b) COMPACTION 95-100% DENSITY	9517	6190.17	P%0Cft	Rs. 58912
	(a) COMPACTING UPTO 85% DENSITY	73295	7723.95	P%0Cft	Rs. 566127
	(b) COMPACTION 95-100% DENSITY	14276	10253.72	P%0Cft	Rs. 146382
2	SUB-BASE COURSE: - Preparing Sub-base course by supplying and spreading stone metal of 2" - 1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing filling voids with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes, all types of materials, T&P and carriage upto site of work (3 chains).	10197	9860.24	P%Cft	Rs. 1005449
3	BRICKS ON EDGING: - Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).	3399	2782.08	P%Rft	Rs. 94563
4	BASE COURSE: - Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).	5099	11219.81	P%Cft	Rs. 572098
5	SURFACE DRESSING (03 COAT): - Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajri of 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).	20394	4300.25	P%Sft	Rs. 876993
6	EARTH WORK ON BERMS: - Earth Work for embankment (Berms) from barrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 100 ft. and lift upto 5.0 ft. (in ordinary soil). Ordinary With Extra Lead	6800 10200	2208.37 2208.37	P%0Cft P%0Cft	Rs. 15017 Rs. 22525
Total Rs.					3539960
Ded: Different Cost of 7.19 Ton Bitumen @ Rs. 22606.00 Per Nos					(-) Rs. 162537
					Total Rs. 3377423

No. Premium will be allowed on Item No.

Note: Item/Quantities/Rates and amount are estimated provisional and will be corrected to the Detail Working Estimate sanctioned by competent authority

CONTRACTOR

EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT

SCHEDULE "B" (01 No(s) Culvert(s))

**CONSTRUCTION OF ROAD FROM MIRPURKHAS UMERKOT ROAD @ POINT CATTLE FARM -
ALI BUX BANGLANI ROAD TO VILLAGE ARZ MOHAMMAD BANGLANI & SAJJID BANGLANI
MILE 0/2+330-0/5 (0.50 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)	1056	3176.25	P%0Cft	Rs. 3354
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.	239	9416.28	P%Cft	Rs. 22505
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4	474	12501.41	P%Cft	Rs. 59257
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).	89	14429.25	P%Cft	Rs. 12842
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)	5.05	4820.20	P.Cft	Rs. 24342
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.	80	337.00	P.Cft	Rs. 26960
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partial wood (2nd class) (a) Vertical.	28	3127.41	P%Sft	Rs. 876
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	261	2344.59	P%Sft	Rs. 6119
Total Rs.					156255

156255 x 1 = 156255

CONTRACTOR

EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT

NAME OF WORK

CONSTRUCTION OF ROAD FROM UMERKOT DHORONARO VIA KOTWAH ANWER PALLI ROAD TO VILLAGE MEHMOOD PALLI HAAR

MILE 0/0-0/1+330 (0.30 KMS)

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 FORMATION: -

Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 100 ft. and lift upto 5.0 ft. in all types of soil excepted. If earth work is done by other than department.

(a) COMPACTING UPTO 85% DENSITY

80973	3656.23	P%0Cft	Rs.	296056
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(b) COMPACTION 95-100% DENSITY

14276	6190.17	P%0Cft	Rs.	88371
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2 SUB-BASE COURSE: -

Preparing Sub-base course by supplying and spreading stone metal of 2" -1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing filling voids with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes, all types of materials, T&P and carriage upto site of work (2 chains).

6118	10553.12	P%Cft	Rs.	645640
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3 BRICKS ON EDGING: -

Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).

2039	2750.80	P%Rft	Rs.	56089
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4 BASE COURSE: -

Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).

3059	11990.84	P%Cft	Rs.	366800
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5 SURFACE DRESSING (03 COAT): -

Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajri of 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).

12236	4356.56	P%Sft	Rs.	533069
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6 EARTH WORK ON BERMS: -

Earth Work for embankment (Berms) from borrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 100 ft. and lift upto 5.0 ft. (in ordinary soil).

10200	2208.37	P%0Cft	Rs.	22525
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Total Rs.	2008550
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Ded: Different Cost of 4.32 Ton Bitumen
@ Rs. 22606.00 Per Nos

(-) Rs. 97658

Total Rs.	1910892
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No. Premium will be allowed on Item No.

Note: Item/Quantities/Rates and amount are estimated provisional and will be corrected to the Detail Working Estimate sanctioned by competent authority

CONTRACTOR

**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

SCHEDULE "B" (01 No(s) Culvert(s))

CONSTRUCTION OF ROAD FROM UMERKOT DHORONARO VIA KOTWAH ANWER PALLI
ROAD TO VILLAGE MEHMOOD PALLI HAAR
MILE 0/0-0/1+330 (0.30 KMS)

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)	1056	3176.25	P%0Cft	Rs. 3354
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.	239	9416.28	P%Cft	Rs. 22505
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4	474	12501.41	P%Cft	Rs. 59257
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).	89	14429.25	P%Cft	Rs. 12842
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)	5.05	4820.20	P.Cft	Rs. 24342
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which wil be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.	80	337.00	P.Cft	Rs. 26960
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partal wood (2nd class) (a) Vertical.	28	3127.41	P%Sft	Rs. 876
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	261	2344.59	P%Sft	Rs. 6119
				Total Rs.	156255

156255 x 1 = 156255

CONTRACTOR

EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT

NAME OF WORK

**CONSTRUCTION OF ROAD FROM SAMARO UMERKOT ROAD TO VILLAGE ZULFIQUAR ALI
 KHASKHELI**

MILE 0/0-0/2 (0.40 KMS)

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 FORMATION: -

Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 100 ft. and lift upto 5.0 ft. in all types of soil except rock. If earth work is done by other than department.

(a) COMPACTING UPTO 85% DENSITY

98511	3656.23	P%0Cft	Rs.	360179
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(b) COMPACTION 95-100% DENSITY

19034	6190.17	P%0Cft	Rs.	117824
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2 SUB-BASE COURSE: -

Preparing Sub-base course by supplying and spreading stone metal of 2" -1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing filling voids with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes, all types of materials, T&P and carriage upto site of work (2 chains).

8158	9860.24	P%Cft	Rs.	804398
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3 BRICKS ON EDGING: -

Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).

2719	2750.80	P%Rft	Rs.	74794
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4 BASE COURSE: -

Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).

4079	11219.81	P%Cft	Rs.	457656
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5 SURFACE DRESSING (03 COAT): -

Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajri of 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).

16315	4301.28	P%Sft	Rs.	701754
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6 EARTH WORK ON BERMS: -

Earth Work for embankment (Berms) from barrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 100 ft. and lift upto 5.0 ft. (in ordinary soil).

13599	2208.37	P%0Cft	Rs.	30032
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Total Rs.	2546637
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Ded: Different Cost of 5.75 Ton Bitumen
 @ Rs. 22606.00 Per Nos

(-) Rs.	129985
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Total Rs.	2416652
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No. Premium will be allowed on Item No.

Note: Item/Quantities/Rates and amount are estimated provisional and will be corrected to the Detail Working Estimate sanctioned by competent authority

CONTRACTOR

**EXECUTIVE ENGINEER HIGHWAYS
 DIVISION UMERKOT**

SCHEDULE "B" (01 No(s) Culvert(s))**CONSTRUCTION OF ROAD FROM SAMARO UMERKOT ROAD TO VILLAGE ZULFIQUAR ALI
KHASKHELI
MILE 0/0-0/2 (0.40 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)	1056	3176.25	P%0Cft	Rs. 3354
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.	239	9416.28	P%Cft	Rs. 22505
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4	474	12501.41	P%Cft	Rs. 59257
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).	89	14429.25	P%Cft	Rs. 12842
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)	5.05	4820.20	P.Cft	Rs. 24342
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.	80	337.00	P.Cft	Rs. 26960
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partial wood (2nd class) (a) Vertical.	28	3127.41	P%Sft	Rs. 876
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	261	2344.59	P%Sft	Rs. 6119
				Total Rs.	156255

$$156255 \quad \times \quad 1 \quad = \quad 156255$$

CONTRACTOR**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

NAME OF WORK**CONSTRUCTION OF ROAD FROM MIRPURKHAS UMERKOT - ABDUL MAJEED ARAIN ROAD TO VILLAGE RAHOO KHAN BHUND****MILE 0/2+330-0/4 (0.30 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 FORMATION: -

Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 100 ft. and lift upto 5.0 ft. in all types of soil except rock. If earth work is done by other than department.

(a) COMPACTING UPTO 85% DENSITY

74281	3656.23	P%0Cft	Rs.	271588
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(b) COMPACTION 95-100% DENSITY

14276	6190.17	P%0Cft	Rs.	88371
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2 SUB-BASE COURSE: -

Preparing Sub-base course by supplying and spreading stone metal of 2" -1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing filling voids with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes, all types of materials, T&P and carriage upto site of work (2 chains).

6118	9383.89	P%Cft	Rs.	574106
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3 BRICKS ON EDGING: -

Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).

2039	2680.46	P%Rft	Rs.	54655
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4 BASE COURSE: -

Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).

3059	10689.74	P%Cft	Rs.	326999
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5 SURFACE DRESSING (03 COAT): -

Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajri of 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).

12236	4262.23	P%Sft	Rs.	521526
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6 EARTH WORK ON BERMS: -

Earth Work for embankment (Berms) from barrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 100 ft. and lift upto 5.0 ft. (in ordinary soil).

10200	2208.37	P%0Cft	Rs.	22525
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Total Rs.	1859770
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Ded: Different Cost of 4.32 Ton Bitumen
@ Rs. 22606.00 Per Nos

(-) Rs.	97658
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Total Rs.	1762112
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No. Premium will be allowed on Item No.

Note: Item/Quantities/Rates and amount are estimated provisional and will be corrected to the Detail Working Estimate sanctioned by competent authority

CONTRACTOR

**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

SCHEDULE "B" (01 No(s) Culvert(s))**CONSTRUCTION OF ROAD FROM MIRPURKHAS UMERKOT - ABDUL MAJEED ARAIN ROAD
TO VILLAGE RAHOO KHAN BHUND
MILE 0/2+330-0/4 (0.30 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)	1056	3176.25	P%0Cft	Rs. 3354
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.	239	9416.28	P%Cft	Rs. 22505
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4	474	12501.41	P%Cft	Rs. 59257
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).	89	14429.25	P%Cft	Rs. 12842
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)	5.05	4820.20	P.Cft	Rs. 24342
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.	80	337.00	P.Cft	Rs. 26960
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partial wood (2nd class) (a) Vertical.	28	3127.41	P%Sft	Rs. 876
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	261	2344.59	P%Sft	Rs. 6119
				Total Rs.	156255

$$156255 \quad \times \quad 1 \quad = \quad 156255$$

CONTRACTOR

EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT

NAME OF WORK**CONSTRUCTION OF ROAD FROM MIRPURKHAS - CHHOR ROAD ALONG RAILWAY LINE TO VILLAGE QAMAR DIN ARISAR****MILE 0/0-0/4 (0.80 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 FORMATION: -

Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 100 ft. and lift upto 5.0 ft. in all types of soil excepted. If earth work is done by other than department.

(a) COMPACTING UPTO 85% DENSITY

111446	3656.23	P%0Cft	Rs.	407472
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(b) COMPACTION 95-100% DENSITY

38069	6190.17	P%0Cft	Rs.	235654
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2 SUB-BASE COURSE: -

Preparing Sub-base course by supplying and spreading stone metal of 2" - 1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing filling voids with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes, all types of materials, T&P and carriage upto site of work (2 chains).

16315	9687.02	P%Cft	Rs.	1580437
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3 BRICKS ON EDGING: -

Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).

5438	2706.28	P%Rft	Rs.	147168
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4 BASE COURSE: -

Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).

8158	11027.06	P%Cft	Rs.	899588
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5 SURFACE DRESSING (03 COAT): -

Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajri of 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).

32630	4286.87	P%Sft	Rs.	1398806
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6 EARTH WORK ON BERMS: -

Earth Work for embankment (Berms) from barrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 100 ft. and lift upto 5.0 ft. (in ordinary soil).

27199	2208.37	P%0Cft	Rs.	60065
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Total Rs.	4729190
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Ded: Different Cost of 11.51 Ton Bitumen

@ Rs. 22606.00 Per Nos

(-) Rs. 260195

Total Rs.	4468995
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No. Premium will be allowed on Item No.

Note: Item/Quantities/Rates and amount are estimated provisional and will be corrected to the Detail Working Estimate sanctioned by competent authority

CONTRACTOR

**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

SCHEDULE "B" (01 No(s) Culvert(s))

**CONSTRUCTION OF ROAD FROM MIRPURKHAS - CHHOR ROAD ALONG RAILWAY LINE TO
VILLAGE QAMAR DIN ARISAR
MILE 0/0-0/4 (0.80 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)	1056	3176.25	P%0Cft	Rs. 3354
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.	239	9416.28	P%Cft	Rs. 22505
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4	474	12501.41	P%Cft	Rs. 59257
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).	89	14429.25	P%Cft	Rs. 12842
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)	5.05	4820.20	P.Cft	Rs. 24342
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.	80	337.00	P.Cft	Rs. 26960
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partal wood (2nd class) (a) Vertical.	28	3127.41	P%Sft	Rs. 876
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	261	2344.59	P%Sft	Rs. 6119
				Total Rs.	156255

$$156255 \times 1 = 156255$$

CONTRACTOR

EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT

NAME OF WORK

**CONSTRUCTION OF ROAD FROM RAM JAGO (ADB) ROAD TO VILLAGE MOHAMMAD
 LUQMAN RAHIMOON MILE 0/0-0/7 (1.40 KMS)**

PHASE-I MILE 0/0-0/2 (0.40 KMS)

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 FORMATION: -

Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 100 ft. and lift upto 5.0 ft. in all types of soil excepted. If earth work is done by other than department.

(a) COMPACTING UPTO 85% DENSITY

85936	3656.23	P%0Cft	Rs.	314202
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(b) COMPACTION 95-100% DENSITY

19034	6170.17	P%0Cft	Rs.	117443
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2 SUB-BASE COURSE: -

Preparing Sub-base course by supplying and spreading stone metal of 2" -1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing filling voids with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes, all types of materials, T&P and carriage upto site of work (2 chains).

8158	10336.59	P%Cft	Rs.	843259
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3 BRICKS ON EDGING: -

Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).

2719	2792.50	P%Rft	Rs.	75928
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4 BASE COURSE: -

Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).

4079	11749.89	P%Cft	Rs.	479278
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5 SURFACE DRESSING (03 COAT): -

Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajri of 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).

16315	4374.50	P%Sft	Rs.	713700
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6 EARTH WORK ON BERMS: -

Earth Work for embankment (Berms) from barrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 100 ft. and lift upto 5.0 ft. (in ordinary soil).

13599	2208.37	P%0Cft	Rs.	30032
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Total Rs.	2573842
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Ded: Different Cost of 5.75 Ton Bitumen
 @ Rs. 22606.00 Per Nos

(-) Rs. 129985

Total Rs.	2443857
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No. Premium will be allowed on Item No.

Note: Item/Quantities/Rates and amount are estimated provisional and will be corrected to the Detail Working Estimate sanctioned by competent authority

CONTRACTOR

**EXECUTIVE ENGINEER HIGHWAYS
 DIVISION UMERKOT**

SCHEDULE "B" (01 No(s) Culvert(s))**CONSTRUCTION OF ROAD FROM RAM JAGO (ADB) ROAD TO VILLAGE MOHAMMAD****LUQMAN RAHIMOON MILE 0/0-0/7 (1.40 KMS)****PHASE-I MILE 0/0-0/2 (0.40 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)	1056	3176.25	P%0Cft	Rs. 3354
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.	239	9416.28	P%Cft	Rs. 22505
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4	474	12501.41	P%Cft	Rs. 59257
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).	89	14429.25	P%Cft	Rs. 12842
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)	5.05	4820.20	P.Cft	Rs. 24342
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.	80	337.00	P.Cft	Rs. 26960
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partal wood (2nd class) (a) Vertical.	28	3127.41	P%Sft	Rs. 876
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	261	2344.59	P%Sft	Rs. 6119
				Total Rs.	156255

$$156255 \times 1 = 156255$$

CONTRACTOR**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

NAME OF WORK**CONSTRUCTION OF ROAD FROM SAMARO BACHA BUND ROAD @ POINT RAHOOABAD
STOP TO VILLAGE KHALIFO SHOUKAT ALI RAHOO****MILE 0/0-0/2 (0.40 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 FORMATION: -

Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 100 ft. and lift upto 5.0 ft. in all types of soil except rock. If earth work is done by other than department.

(a) COMPACTING UPTO 85% DENSITY

95550	3656.23	P%0Cft	Rs.	349353
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(b) COMPACTION 95-100% DENSITY

19034	6190.17	P%0Cft	Rs.	117824
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2 SUB-BASE COURSE: -

Preparing Sub-base course by supplying and spreading stone metal of 2" -1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing filling voids with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes, all types of materials, T&P and carriage upto site of work (2 chains).

8158	10033.46	P%Cft	Rs.	818530
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3 BRICKS ON EDGING: -

Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).

2719	2782.08	P%Rft	Rs.	75645
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4 BASE COURSE: -

Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).

4079	11412.57	P%Cft	Rs.	465519
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5 SURFACE DRESSING (03 COAT): -

Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajri of 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).

16315	4315.02	P%Sft	Rs.	703996
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6 EARTH WORK ON BERMS: -

Earth Work for embankment (Berms) from barrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 100 ft. and lift upto 5.0 ft. (in ordinary soil).

13599	2208.37	P%0Cft	Rs.	30032
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Total Rs.	2560899
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Ded: Different Cost of 5.75 Ton Bitumen
@ Rs. 22606.00 Per Nos

(-) Rs. 129985

Total Rs.	2430914
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No. Premium will be allowed on Item No.

Note: Item/Quantities/Rates and amount are estimated provisional and will be corrected to the Detail Working Estimate sanctioned by competent authority

CONTRACTOR**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

SCHEDULE "B" (02 No(s) Culvert(s))

**CONSTRUCTION OF ROAD FROM SAMARO BACHA BUND ROAD @ POINT RAHOOABAD
STOP TO VILLAGE KHALIFO SHOUKAT ALI RAHOO
MILE 0/0-0/2 (0.40 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)	1056	3176.25	P%0Cft	Rs. 3354
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.	239	9416.28	P%Cft	Rs. 22505
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4	474	12501.41	P%Cft	Rs. 59257
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).	89	14429.25	P%Cft	Rs. 12842
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)	5.05	4820.20	P.Cft	Rs. 24342
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.	80	337.00	P.Cft	Rs. 26960
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partial wood (2nd class) (a) Vertical.	28	3127.41	P%Sft	Rs. 876
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	261	2344.59	P%Sft	Rs. 6119
				Total Rs.	156255

$$156255 \times 2 = 312510$$

CONTRACTOR

EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT

NAME OF WORK

**CONSTRUCTION OF ROAD FROM BHOORAL SHAH ROAD TO VILLAGE JAN MUHAMMAD
SIYAL VIA CH. SHARIF ARAIN**

MILE 0/0-0/3+400 (0.72 KMS)

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 FORMATION: -

Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 100 ft. and lift upto 5.0 ft. in all types of soil excepted. If earth work is done by other than department.

(a) COMPACTING UPTO 85% DENSITY

179341	3656.23	P%0Cft	Rs.	655712
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(b) COMPACTION 95-100% DENSITY

34323	6190.17	P%0Cft	Rs.	212465
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2 SUB-BASE COURSE: -

Preparing Sub-base course by supplying and spreading stone metal of 2" -1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing filling voids with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes, all types of materials, T&P and carriage upto site of work (2 chains).

14710	10076.76	P%Cft	Rs.	1482291
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3 BRICKS ON EDGING: -

Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).

4903	2771.65	P%Rft	Rs.	135894
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4 BASE COURSE: -

Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).

7355	11460.75	P%Cft	Rs.	842938
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5 SURFACE DRESSING (03 COAT): -

Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajri of 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).

29420	4318.54	P%Sft	Rs.	1270514
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6 EARTH WORK ON BERMS: -

Earth Work for embankment (Berms) from borrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 100 ft. and lift upto 5.0 ft. (in ordinary soil).

24523	2208.37	P%0Cft	Rs.	54156
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Total Rs.	4653970
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Ded: Different Cost of 10.38 Ton Bitumen
@ Rs. 22606.00 Per Nos

(-) Rs. 234650

Total Rs.	4419320
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No. Premium will be allowed on Item No.

Note: Item/Quantities/Rates and amount are estimated provisional and will be corrected to the Detail Working Estimate sanctioned by competent authority

CONTRACTOR

**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

SCHEDULE "B" (01 No(s) Culvert(s))

CONSTRUCTION OF ROAD FROM BHOORAL SHAH ROAD TO VILLAGE JAN MUHAMMAD SIYAL VIA CH. SHARIF ARAIN MILE 0/0-0/3+400 (0.72 KMS)

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)	1056	3176.25	P%0Cft	Rs. 3354
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.	239	9416.28	P%Cft	Rs. 22505
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4	474	12501.41	P%Cft	Rs. 59257
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).	89	14429.25	P%Cft	Rs. 12842
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)	5.05	4820.20	P.Cft	Rs. 24342
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which wil be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.	80	337.00	P.Cft	Rs. 26960
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partal wood (2nd class) (a) Vertical.	28	3127.41	P%Sft	Rs. 876
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	261	2344.59	P%Sft	Rs. 6119
				Total Rs.	156255

156255 x 1 = 156255

CONTRACTOR

EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT

NAME OF WORK
CONSTRUCTION OF ROAD FROM SIRHARI SHAKH HIRAL ROAD TO VILLAGE BABU SIYAL
(PORHO PARHYAR)
MILE 0/0-0/2 (0.40 KMS)

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 FORMATION: -

Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 100 ft. and lift upto 5.0 ft. in all types of soil except rock. If earth work is done by other than department.

(a) COMPACTING UPTO 85% DENSITY

91227	3656.23	P%0Cft	Rs.	333547
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(b) COMPACTION 95-100% DENSITY

19034	6190.17	P%0Cft	Rs.	117824
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2 SUB-BASE COURSE: -

Preparing Sub-base course by supplying and spreading stone metal of 2" - 1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing filling voids with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes, all types of materials, T&P and carriage upto site of work (3 chains).

8158	9903.54	P%Cft	Rs.	807931
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3 BRICKS ON EDGING: -

Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).

2719	2802.92	P%Rft	Rs.	76211
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4 BASE COURSE: -

Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).

4079	11268.00	P%Cft	Rs.	459622
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5 SURFACE DRESSING (03 COAT): -

Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajri of 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).

16315	4304.46	P%Sft	Rs.	702273
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6 EARTH WORK ON BERMS: -

Earth Work for embankment (Berms) from barrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 100 ft. and lift upto 5.0 ft. (in ordinary soil).

13599	2208.37	P%0Cft	Rs.	30032
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Total Rs.	2527440
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Ded: Different Cost of 5.75 Ton Bitumen
 @ Rs. 22606.00 Per Nos

(-) Rs. 129985

Total Rs.	2397455
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No. Premium will be allowed on Item No.

Note: Item/Quantities/Rates and amount are estimated provisional and will be corrected to the Detail Working Estimate sanctioned by competent authority

CONTRACTOR

EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT

SCHEDULE "B" (02 No(s) Culvert(s))**CONSTRUCTION OF ROAD FROM SIRHARI SHAKH HIRAL ROAD TO VILLAGE BABU SIYAL
(PORHO PARHYAR)
MILE 0/0-0/2 (0.40 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)	1056	3176.25	P%0Cft	Rs. 3354
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.	239	9416.28	P%Cft	Rs. 22505
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4	474	12501.41	P%Cft	Rs. 59257
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing,compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).	89	14429.25	P%Cft	Rs. 12842
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)	5.05	4820.20	P.Cft	Rs. 24342
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.	80	337.00	P.Cft	Rs. 26960
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partal wood (2nd class) (a) Vertical.	28	3127.41	P%Sft	Rs. 876
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	261	2344.59	P%Sft	Rs. 6119
				Total Rs.	156255

$$156255 \times 2 = 312510$$

CONTRACTOR**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

NAME OF WORK

CONSTRUCTION OF ROAD FROM AKRI CITY TO HYDER FARM ROAD

MILE 0/0-0/3+330 (0.70 KMS)

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 FORMATION: -

Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 100 ft. and lift upto 5.0 ft. in all types of soil except rock. If earth work is done by other than department.

(a) COMPACTING UPTO 85% DENSITY

163492	7723.95	P%0Cft	Rs.	1262804
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(b) COMPACTION 95-100% DENSITY

33310	10253.72	P%0Cft	Rs.	341551
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2 SUB-BASE COURSE: -

Preparing Sub-base course by supplying and spreading stone metal of 2" -1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing filling voids with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes, all types of materials, T&P and carriage upto site of work (2 chains).

14276	9557.11	P%Cft	Rs.	1364373
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3 BRICKS ON EDGING: -

Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).

4759	2711.50	P%Rft	Rs.	129040
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4 BASE COURSE: -

Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).

7138	10882.50	P%Cft	Rs.	776793
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5 SURFACE DRESSING (03 COAT): -

Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajri of 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).

28552	4276.31	P%Sft	Rs.	1220972
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6 EARTH WORK ON BERMS: -

Earth Work for embankment (Berms) from barrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 100 ft. and lift upto 5.0 ft. (in ordinary soil).

23799	6278.37	P%0Cft	Rs.	149419
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Total Rs.	5244952
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Ded: Different Cost of 10.07 Ton Bitumen
 @ Rs. 22606.00 Per Nos

(-) Rs.	227642
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Total Rs.	5017310
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No. Premium will be allowed on Item No.

Note: Item/Quantities/Rates and amount are estimated provisional and will be corrected to the Detail Working Estimate sanctioned by competent authority

CONTRACTOR

**EXECUTIVE ENGINEER HIGHWAYS
 DIVISION UMERKOT**

SCHEDULE "B" (02 No(s) Culvert(s))**CONSTRUCTION OF ROAD FROM AKRI CITY TO HYDER FARM ROAD****MILE 0/0-0/3+330 (0.70 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)	1056	3176.25	P%0Cft	Rs. 3354
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.	239	9416.28	P%Cft	Rs. 22505
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4	474	12501.41	P%Cft	Rs. 59257
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).	89	14429.25	P%Cft	Rs. 12842
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)	5.05	4820.20	P.Cft	Rs. 24342
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.	80	337.00	P.Cft	Rs. 26960
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partial wood (2nd class) (a) Vertical.	28	3127.41	P%Sft	Rs. 876
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	261	2344.59	P%Sft	Rs. 6119
				Total Rs.	156255

$$156255 \quad \times \quad 2 \quad = \quad 312510$$

CONTRACTOR**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

NAME OF WORK

CONSTRUCTION OF ROAD FROM SOOFI ORANGZEB ROAD TO VILLAGE SOOFI ABDUL ALI

MILE 0/0-0/2 (0.40 KMS)

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 FORMATION: -

Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 100 ft. and lift upto 5.0 ft. in all types of soil excepted. If earth work is done by other than department.

(a) COMPACTING UPTO 85% DENSITY

100179	8678.95	P%0Cft	Rs.	869449
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(b) COMPACTION 95-100% DENSITY

19034	11208.72	P%0Cft	Rs.	213347
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2 SUB-BASE COURSE: -

Preparing Sub-base course by supplying and spreading stone metal of 2" -1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing filling voids with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes, all types of materials, T&P and carriage upto site of work (2 chains).

8158	9903.54	P%Cft	Rs.	807931
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3 BRICKS ON EDGING: -

Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).

2719	2792.50	P%Rft	Rs.	75928
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4 BASE COURSE: -

Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).

4079	11268.00	P%Cft	Rs.	459622
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5 SURFACE DRESSING (03 COAT): -

Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajri of 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).

16315	4300.60	P%Sft	Rs.	701643
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6 EARTH WORK ON BERMS: -

Earth Work for embankment (Berms) from borrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 100 ft. and lift upto 5.0 ft. (in ordinary soil).

13599	7233.37	P%0Cft	Rs.	98367
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Total Rs.	3226287
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Ded: Different Cost of 5.75 Ton Bitumen
 @ Rs. 22606.00 Per Nos

(-) Rs. 129985

Total Rs.	3096302
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No. Premium will be allowed on Item No.

Note: Item/Quantities/Rates and amount are estimated provisional and will be corrected to the Detail Working Estimate sanctioned by competent authority

CONTRACTOR

**EXECUTIVE ENGINEER HIGHWAYS
 DIVISION UMERKOT**

SCHEDULE "B" (01 No(s) Culvert(s))**CONSTRUCTION OF ROAD FROM SOOFI ORANGZEB ROAD TO VILLAGE SOOFI ABDUL ALI****MILE 0/0-0/2 (0.40 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)	1056	3176.25	P%0Cft	Rs. 3354
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.	239	9416.28	P%Cft	Rs. 22505
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4	474	12501.41	P%Cft	Rs. 59257
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).	89	14429.25	P%Cft	Rs. 12842
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)	5.05	4820.20	P.Cft	Rs. 24342
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.	80	337.00	P.Cft	Rs. 26960
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partial wood (2nd class) (a) Vertical.	28	3127.41	P%Sft	Rs. 876
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	261	2344.59	P%Sft	Rs. 6119
				Total Rs.	156255

$$156255 \quad \times \quad 1 \quad = \quad 156255$$

CONTRACTOR**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

CONSTRUCTION OF ROAD FROM KHAMBHRO WALHARI ROAD TO VILLAGE MIAN**NOOR MOHAMMAD WALHARI****MILE 0/0-0/2 (0.40 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 (a) JUNGLE CLEARANCE:

Jungle Clearance and removing Within right of Way (Thin Jungle)

43507	69.58	P%0Sft	Rs.	3027
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2 SUB GRADE:

Sub grade including earth excavation are filling to an averagedepth of 9' dressing to camber and consolidation with power roller.

43507	526.28	P%Sft	Rs.	228969
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3 (b) EARTH WORK (A - 2 to 4 Soil):

Earth work for road embankment by Buldozers including ploughing, mixing Clod breaking, dressing and compacting With optimum moisture content. Lead upto 100ft and lift upto 5.00 ft. in all types of soil, except rock.

(a) COMPACTION 95-100% DENSITY

40788	10253.72	P%0Cft	Rs.	418229
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(b) COMPACTING UPTO 85% DENSITY

13599	7723.95	P%0Cft	Rs.	105038
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4 SUB-BASE COURSE: -

Preparing Sub-base course by supplying and spreading stone metal of 2" -1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing filling viods with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes, all types of materials, T&P and carriage upto site of work (3 chains).

8158	10206.68	P%Cft	Rs.	832661
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5 BRICKS ON EDGING: -

Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).

2719	2737.56	P%Rft	Rs.	74434
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6 BASE COURSE: -

Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).

4079	11605.33	P%Cft	Rs.	473381
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7 SURFACE DRESSING (03 COAT): -

Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajriof 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).

16315	4328.41	P%Sft	Rs.	706180
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Total Rs. 2841919Ded: Different Cost of **5.75** Ton Bitumen@ Rs. **22606.00** Per Nos**(-) Rs. 129985****Total Rs. 2711934****No. Premium will be allowed on Item No.****Note:** Item/Quantities/Rates and amount are estimated provisional and will be corrected to the Detail Working Estimate sanctioned by competent authority**CONTRACTOR****EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

SCHEDULE "B" (01 No(s) Culvert(s))**CONSTRUCTION OF ROAD FROM KHAMBHRO WALHARI ROAD TO VILLAGE MIAN****NOOR MOHAMMAD WALHARI****MILE 0/0-0/2 (0.40 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)	1056	3176.25	P%0Cft	Rs. 3354
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.	239	9416.28	P%Cft	Rs. 22505
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4	474	12501.41	P%Cft	Rs. 59257
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).	89	14429.25	P%Cft	Rs. 12842
5	FEBRICATION: - Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)	5.05	4820.20	P.Cft	Rs. 24342
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cement concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, beams, columns, rafters, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.	80	337.00	P.Cft	Rs. 26960
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partal wood (2nd class) (a) Vertical.	28	3127.41	P%Sft	Rs. 876
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	261	2344.59	P%Sft	Rs. 6119
				Total Rs.	156255

$$156255 \quad \times \quad 1 \quad = \quad 156255$$

CONTRACTOR**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

NAME OF WORK
CONSTRUCTION OF ROAD FROM DHORONARO GHULAM NABISHAH ROAD TO VILLAGE
KHAMISO BHEEL
MILE 0/0-0/2 (0.40 KMS)

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	FORMATION: - Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 100 ft. and lift upto 5.0 ft. in all types of soil except rock. If earth work is done by other than department. (a) COMPACTING UPTO 85% DENSITY	111815	3656.23	P%0Cft	Rs. 408821
	(b) COMPACTION 95-100% DENSITY	19034	6190.17	P%0Cft	Rs. 117824
2	SUB-BASE COURSE: - Preparing Sub-base course by supplying and spreading stone metal of 2" -1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing filling voids with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes, all types of materials, T&P and carriage upto site of work (2 chains).	8158	10163.37	P%Cft	Rs. 829128
3	BRICKS ON EDGING: - Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).	2719	2750.80	P%Rft	Rs. 74794
4	BASE COURSE: - Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).	4079	11557.13	P%Cft	Rs. 471415
5	SURFACE DRESSING (03 COAT): - Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajri of 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).	16315	4324.89	P%Sft	Rs. 705606
6	EARTH WORK ON BERMS: - Earth Work for embankment (Berms) from borrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 100 ft. and lift upto 5.0 ft. (in ordinary soil).	13599	2208.37	P%0Cft	Rs. 30032
					Total Rs. 2637620
Ded: Different Cost of 5.75 Ton Bitumen @ Rs. 22606.00 Per Nos					(-) Rs. 129985
					Total Rs. 2507635

No. Premium will be allowed on Item No.

Note: Item/Quantities/Rates and amount are estimated provisional and will be corrected to the Detail Working Estimate sanctioned by competent authority

CONTRACTOR

**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

SCHEDULE "B" (01 No(s) Culvert(s))**CONSTRUCTION OF ROAD FROM DHORONARO GHULAM NABISHAH ROAD TO VILLAGE****KHAMISO BHEEL****MILE 0/0-0/2 (0.40 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)	1056	3176.25	P%0Cft	Rs. 3354
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.	239	9416.28	P%Cft	Rs. 22505
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4	474	12501.41	P%Cft	Rs. 59257
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).	89	14429.25	P%Cft	Rs. 12842
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)	5.05	4820.20	P.Cft	Rs. 24342
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which wil be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.	80	337.00	P.Cft	Rs. 26960
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partal wood (2nd class) (a) Vertical.	28	3127.41	P%Sft	Rs. 876
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	261	2344.59	P%Sft	Rs. 6119
				Total Rs.	156255

$$156255 \times 1 = 156255$$

CONTRACTOR

EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT

NAME OF WORK

**CONSTRUCTION OF ROAD FROM SAMARO UMERKOT - DILAWAR KHAN BANGLANI ROAD
 TO VILLAGE ABDUL FATEH KHAN BHURGARI**

MILE 0/0-0/1 (0.20 KMS)

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 FORMATION: -

Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 100 ft. and lift upto 5.0 ft. in all types of soil excepted. If earth work is done by other than department.

(a) COMPACTING UPTO 85% DENSITY

53304	3656.23	P%0Cft	Rs.	194892
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(b) COMPACTION 95-100% DENSITY

9517	6190.17	P%0Cft	Rs.	58912
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2 SUB-BASE COURSE: -

Preparing Sub-base course by supplying and spreading stone metal of 2" -1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing filling voids with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes, all types of materials, T&P and carriage upto site of work (2 chains).

4079	10120.07	P%Cft	Rs.	412798
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3 BRICKS ON EDGING: -

Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).

1360	2813.35	P%Rft	Rs.	38262
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4 BASE COURSE: -

Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).

2039	11508.95	P%Cft	Rs.	234667
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5 SURFACE DRESSING (03 COAT): -

Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajri of 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).

8158	4322.40	P%Sft	Rs.	352621
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6 EARTH WORK ON BERMS: -

Earth Work for embankment (Berms) from barrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 100 ft. and lift upto 5.0 ft. (in ordinary soil).

6800	2208.37	P%0Cft	Rs.	15017
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Total Rs.	1307169
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Ded: Different Cost of 2.88 Ton Bitumen
 @ Rs. 22606.00 Per Nos

(-) Rs. 65105

Total Rs.	1242064
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No. Premium will be allowed on Item No.

Note: Item/Quantities/Rates and amount are estimated provisional and will be corrected to the Detail Working Estimate sanctioned by competent authority

CONTRACTOR

**EXECUTIVE ENGINEER HIGHWAYS
 DIVISION UMERKOT**

SCHEDULE "B" (01 No(s) Culvert(s))**CONSTRUCTION OF ROAD FROM SAMARO UMERKOT - DILAWAR KHAN BANGLANI ROAD
TO VILLAGE ABDUL FATEH KHAN BHURGARI****MILE 0/0-0/1 (0.20 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)	1056	3176.25	P%0Cft	Rs. 3354
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.	239	9416.28	P%Cft	Rs. 22505
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4	474	12501.41	P%Cft	Rs. 59257
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).	89	14429.25	P%Cft	Rs. 12842
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)	5.05	4820.20	P.Cft	Rs. 24342
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.	80	337.00	P.Cft	Rs. 26960
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partial wood (2nd class) (a) Vertical.	28	3127.41	P%Sft	Rs. 876
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	261	2344.59	P%Sft	Rs. 6119
				Total Rs.	156255

156255 x 1 = 156255

CONTRACTOR**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

NAME OF WORK**CONSTRUCTION OF ROAD FROM SAMARO UMERKOT - JAN MOHAMMAD BHURGARI
ROAD @ MILE 0/3 TO VILLAGE NAZEER AHMED BHURGARI****MILE 0/3-0/5 (0.40 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 FORMATION: -

Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 100 ft. and lift upto 5.0 ft. in all types of soil excepted. If earth work is done by other than department.

(a) COMPACTING UPTO 85% DENSITY

99422	7723.95	P%0Cft	Rs.	767931
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(b) COMPACTION 95-100% DENSITY

19034	10253.72	P%0Cft	Rs.	195169
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2 SUB-BASE COURSE: -

Preparing Sub-base course by supplying and spreading stone metal of 2" - 1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing filling voids with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes, all types of materials, T&P and carriage upto site of work (2 chains).

8158	9946.85	P%Cft	Rs.	811464
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3 BRICKS ON EDGING: -

Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).

2719	2771.65	P%Rft	Rs.	75361
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4 BASE COURSE: -

Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).

4079	11316.19	P%Cft	Rs.	461587
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5 SURFACE DRESSING (03 COAT): -

Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajri of 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).

16315	4307.98	P%Sft	Rs.	702847
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6 EARTH WORK ON BERMS: -

Earth Work for embankment (Berms) from borrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 100 ft. and lift upto 5.0 ft. (in ordinary soil).

13599	2208.37	P%0Cft	Rs.	30032
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Total Rs.	3044391
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Ded: Different Cost of 5.75 Ton Bitumen
@ Rs. 22606.00 Per Nos

(-) Rs. 129985

Total Rs.	2914406
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No. Premium will be allowed on Item No.

Note: Item/Quantities/Rates and amount are estimated provisional and will be corrected to the Detail Working Estimate sanctioned by competent authority

CONTRACTOR

EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT

SCHEDULE "B" (01 No(s) Culvert(s))
CONSTRUCTION OF ROAD FROM SAMARO UMERKOT - JAN MOHAMMAD BHURGARI
ROAD @ MILE 0/3 TO VILLAGE NAZEER AHMED BHURGARI
MILE 0/3-0/5 (0.40 KMS)

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)	1056	3176.25	P%0Cft	Rs. 3354
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.	239	9416.28	P%Cft	Rs. 22505
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4	474	12501.41	P%Cft	Rs. 59257
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).	89	14429.25	P%Cft	Rs. 12842
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)	5.05	4820.20	P.Cft	Rs. 24342
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which wil be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.	80	337.00	P.Cft	Rs. 26960
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partal wood (2nd class) (a) Vertical.	28	3127.41	P%Sft	Rs. 876
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	261	2344.59	P%Sft	Rs. 6119
				Total Rs.	156255

156255 x 1 = 156255

CONTRACTOR

EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT

NAME OF WORK

**CONSTRUCTION OF ROAD FROM DHORONARO UMERKOT VIA RANA JAGIR (LAKHU MORI)
 TO FAKIR NASEER RAJAR ROAD TO VILLAGE BASHIR RAJAR**

MILE 0/0-0/1+220 (0.26 KMS)

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 FORMATION: -

Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 100 ft. and lift upto 5.0 ft. in all types of soil except rock. If earth work is done by other than department.

(a) COMPACTING UPTO 85% DENSITY

30065	3656.23	P%0Cft	Rs.	109925
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(b) COMPACTION 95-100% DENSITY

12692	6190.17	P%0Cft	Rs.	78566
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2 SUB-BASE COURSE: -

Preparing Sub-base course by supplying and spreading stone metal of 2" -1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing filling voids with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes, all types of materials, T&P and carriage upto site of work (2 chains).

5439	10249.98	P%0Cft	Rs.	557496
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3 BRICKS ON EDGING: -

Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).

1813	2750.80	P%0Rft	Rs.	49872
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4 BASE COURSE: -

Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).

2720	11653.51	P%0Cft	Rs.	316975
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5 SURFACE DRESSING (03 COAT): -

Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajri of 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).

10879	4331.93	P%0Sft	Rs.	471271
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6 EARTH WORK ON BERMS: -

Earth Work for embankment (Berms) from barrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 100 ft. and lift upto 5.0 ft. (in ordinary soil).

9068	2208.37	P%0Cft	Rs.	20025
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Total Rs.	1604130
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Ded: Different Cost of 3.84 Ton Bitumen
 @ Rs. 22606.00 Per Nos

(-) Rs.	86807
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Total Rs.	1517323
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No. Premium will be allowed on Item No.

Note: Item/Quantities/Rates and amount are estimated provisional and will be corrected to the Detail Working Estimate sanctioned by competent authority

CONTRACTOR

**EXECUTIVE ENGINEER HIGHWAYS
 DIVISION UMERKOT**

SCHEDULE "B" (01 No(s) Culvert(s))

**CONSTRUCTION OF ROAD FROM DHORONARO UMERKOT VIA RANA JAGIR (LAKHU MORI)
TO FAKIR NASEER RAJAR ROAD TO VILLAGE BASHIR RAJAR
MILE 0/0-0/1+220 (0.26 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)	1056	3176.25	P%0Cft	Rs. 3354
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.	239	9416.28	P%Cft	Rs. 22505
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4	474	12501.41	P%Cft	Rs. 59257
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).	89	14429.25	P%Cft	Rs. 12842
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)	5.05	4820.20	P.Cft	Rs. 24342
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which wil be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.	80	337.00	P.Cft	Rs. 26960
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partal wood (2nd class) (a) Vertical.	28	3127.41	P%Sft	Rs. 876
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	261	2344.59	P%Sft	Rs. 6119
				Total Rs.	156255

156255 x 1 = 156255

CONTRACTOR

EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT

NAME OF WORK**CONSTRUCTION OF ROAD FROM MIRPURKHAS UMERKOT CHHOR BYE PASS ROAD TO VILLAGE IBRAHIM MANGRIO (KHET SINGH)****MILE 0/0-0/1 (0.20 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 FORMATION: -

Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 100 ft. and lift upto 5.0 ft. in all types of soil except rock. If earth work is done by other than department.

(a) COMPACTING UPTO 85% DENSITY

55369	3656.23	P%0Cft	Rs.	202442
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(b) COMPACTION 95-100% DENSITY

9517	6190.17	P%0Cft	Rs.	58912
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2 SUB-BASE COURSE: -

Preparing Sub-base course by supplying and spreading stone metal of 2" - 1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing filling voids with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes, all types of materials, T&P and carriage upto site of work (2 chains).

4079	10856.25	P%0Cft	Rs.	442826
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3 BRICKS ON EDGING: -

Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).

1360	2743.01	P%0Rft	Rs.	37305
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4 BASE COURSE: -

Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).

2039	12328.16	P%0Cft	Rs.	251371
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5 SURFACE DRESSING (03 COAT): -

Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajri of 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).

8158	4377.68	P%0Sft	Rs.	357131
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6 EARTH WORK ON BERMS: -

Earth Work for embankment (Berms) from barrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 100 ft. and lift upto 5.0 ft. (in ordinary soil).

6800	2208.37	P%0Cft	Rs.	15017
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Total Rs.	1365004
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Ded: Different Cost of 2.88 Ton Bitumen
@ Rs. 22606.00 Per Nos

(-) Rs. 65105

Total Rs.	1299899
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No. Premium will be allowed on Item No.

Note: Item/Quantities/Rates and amount are estimated provisional and will be corrected to the Detail Working Estimate sanctioned by competent authority

CONTRACTOR

**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

SCHEDULE "B" (01 No(s) Culvert(s))

**CONSTRUCTION OF ROAD FROM MIRPURKHAS UMERKOT CHHOR BYE PASS ROAD TO
VILLAGE IBRAHIM MANGRIO (KHET SINGH)
MILE 0/0-0/1 (0.20 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)	1056	3176.25	P%0Cft	Rs. 3354
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.	239	9416.28	P%Cft	Rs. 22505
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4	474	12501.41	P%Cft	Rs. 59257
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).	89	14429.25	P%Cft	Rs. 12842
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)	5.05	4820.20	P.Cft	Rs. 24342
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which wil be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.	80	337.00	P.Cft	Rs. 26960
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partial wood (2nd class) (a) Vertical.	28	3127.41	P%Sft	Rs. 876
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	261	2344.59	P%Sft	Rs. 6119
				Total Rs.	156255

156255 x 1 = 156255

CONTRACTOR

EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT

NAME OF WORK

CONSTRUCTION OF ROAD FROM MIRPURKHAS UMERKOT ROAD @ POINT CATTLE FARM TO VILLAGE ALI BUX MOHAMMAD BANGLANI TO OTAQUE SAJJID BANGLANI MILE 0/0-1/3+200 (2.30)

PHASE-I MILE 0/0-0/2+330 (0.50 KMS)

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 FORMATION: -

Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 100 ft. and lift upto 5.0 ft. in all types of soil except rock. If earth work is done by other than department.

(a) COMPACTING UPTO 85% DENSITY

122626	3656.23	P%0Cft	Rs.	448349
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(b) COMPACTION 95-100% DENSITY

23793	6190.17	P%0Cft	Rs.	147283
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2 SUB-BASE COURSE: -

Preparing Sub-base course by supplying and spreading stone metal of 2" -1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing filling voids with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes, all types of materials, T&P and carriage upto site of work (2 chains).

10197	9860.24	P%0Cft	Rs.	1005449
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3 BRICKS ON EDGING: -

Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).

3399	2782.08	P%0Rft	Rs.	94563
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4 BASE COURSE: -

Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).

5099	11219.81	P%0Cft	Rs.	572098
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5 SURFACE DRESSING (03 COAT): -

Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajri of 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).

20394	4300.25	P%0Sft	Rs.	876993
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6 EARTH WORK ON BERMS: -

Earth Work for embankment (Berms) from borrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 100 ft. and lift upto 5.0 ft. (in ordinary soil).

16999	2208.37	P%0Cft	Rs.	37540
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Total Rs.	3182275
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Ded: Different Cost of 7.19 Ton Bitumen
@ Rs. 22606.00 Per Nos

(-) Rs.	162537
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Total Rs.	3019738
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No. Premium will be allowed on Item No.

Note: Item/Quantities/Rates and amount are estimated provisional and will be corrected to the Detail Working Estimate sanctioned by competent authority

CONTRACTOR

EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT

SCHEDULE "B" (01 No(s) Culvert(s))

**CONSTRUCTION OF ROAD FROM MIRPURKHAS UMERKOT ROAD @ POINT CATTLE FARM
TO VILLAGE ALI BUX MOHAMMAD BANGLANI TO OTAQUE SAJJID BANGLANI MILE 0/0-
PHASE-I MILE 0/0-0/2+330 (0.50 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)	1056	3176.25	P%0Cft	Rs. 3354
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.	239	9416.28	P%Cft	Rs. 22505
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4	474	12501.41	P%Cft	Rs. 59257
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).	89	14429.25	P%Cft	Rs. 12842
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)	5.05	4820.20	P.Cft	Rs. 24342
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which wil be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.	80	337.00	P.Cft	Rs. 26960
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partial wood (2nd class) (a) Vertical.	28	3127.41	P%Sft	Rs. 876
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	261	2344.59	P%Sft	Rs. 6119
				Total Rs.	156255

156255 x 1 = 156255

CONTRACTOR

EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT

NAME OF WORK**CONSTRUCTION OF ROAD FROM MORE KHAN BUS STOP JATTU PALLI VIA KHAN SAHIB ATTA
MUHAMMAD PALLI ROAD TO VILLAGE RAJA MOAZAM****MILE 0/0-0/1 (0.20 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 FORMATION: -

Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 100 ft. and lift upto 5.0 ft. in all types of soil except rock. If earth work is done by other than department.

(a) COMPACTING UPTO 85% DENSITY

49067	3656.23	P%0Cft	Rs.	179400
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(b) COMPACTION 95-100% DENSITY

9517	6190.17	P%0Cft	Rs.	58912
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2 SUB-BASE COURSE: -

Preparing Sub-base course by supplying and spreading stone metal of 2" - 1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing filling voids with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes, all types of materials, T&P and carriage upto site of work (2 chains).

4079	9990.15	P%0Cft	Rs.	407498
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3 BRICKS ON EDGING: -

Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).

1360	2771.65	P%0Rft	Rs.	37694
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4 BASE COURSE: -

Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).

2039	11364.38	P%0Cft	Rs.	231720
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5 SURFACE DRESSING (03 COAT): -

Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajri of 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).

8158	4310.81	P%0Sft	Rs.	351676
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6 EARTH WORK ON BERMS: -

Earth Work for embankment (Berms) from barrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 100 ft. and lift upto 5.0 ft. (in ordinary soil).

6800	2208.37	P%0Cft	Rs.	15017
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Total Rs.	1281917
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Ded: Different Cost of 2.88 Ton Bitumen
@ Rs. 22606.00 Per Nos

(-) Rs. 65105

Total Rs.	1216812
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No. Premium will be allowed on Item No.

Note: Item/Quantities/Rates and amount are estimated provisional and will be corrected to the Detail Working Estimate sanctioned by competent authority

CONTRACTOR

EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT

SCHEDULE "B" (01 No(s) Culvert(s))

**CONSTRUCTION OF ROAD FROM MORE KHAN BUS STOP JATTU PALLI VIA KHAN SAHIB
 ATTA MUHAMMAD PALLI ROAD TO VILLAGE RAJA MOAZAM
 MILE 0/0-0/1 (0.20 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)	1056	3176.25	P%0Cft	Rs. 3354
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.	239	9416.28	P%Cft	Rs. 22505
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4	474	12501.41	P%Cft	Rs. 59257
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).	89	14429.25	P%Cft	Rs. 12842
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)	5.05	4820.20	P.Cft	Rs. 24342
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which wil be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.	80	337.00	P.Cft	Rs. 26960
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partal wood (2nd class) (a) Vertical.	28	3127.41	P%Sft	Rs. 876
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	261	2344.59	P%Sft	Rs. 6119
				Total Rs.	156255

156255 x 1 = 156255

CONTRACTOR

EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT

CONSTRUCTOIN OF ROAD FROM KAPLORE HADAKAR - DHABI ROAD TO VILLAGE**NOOR-UD-DIN SAMOON DHABI****MILE 0/0-0/2 (0.40 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	(a) JUNGLE CLEARANCE: Jungle Clearance and removing Within right of Way (Thin Jungle)	116586	69.58	P%0Sft	Rs. 8112
2	(b) CUT: Earth work excavation in ashes, sand soft soil or silt clearance including all lifts and leads.	1561775	1663.75	P%0Cft	Rs. 2598403
3	(c) FILL: Earth work excavation in ashes, sand soft soil or silt clearance including and lift and leads, dressing in leveling of earth work to design section etc.complete(ashes,sand,silt,or soft soil) including earth work compaction by sheep foot roller moisture content upto 85% density modified AASHO.	408022	3206.13	P%0Cft	Rs. 1308172
4	(d) EARTH WORK (A - 2 to 4 Soil): Earth work for road embankment by Bulldozers including ploughing, mixing Clod breaking, dressing and compacting With optimum moisture content. Lead upto 100ft and lift upto 5.00 ft. in all types of soil, except rock. Sch. of Rate, vol-III Part - VI, item No.3 (li-C),Page No. 1. PHASE-I MILE 0/0-0/1+330 (0.30 KMS) (a) COMPACTION 95-100% DENSITY	50468	10253.72	P%0Cft	Rs. 517485
	(b) COMPACTING UPTO 85% DENSITY	14588	7723.95	P%0Cft	Rs. 112677
3	SUB-BASE COURSE: - Preparing Sub-base course by supplying and spreading stone metal of 2" -1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing filling viods with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes, all types of materials, T&P and carriage upto site of work (3 chains).	9463	12025.48	P%Cft	Rs. 1137971
4	BRICKS ON EDGING: - Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).	2523	2959.28	P%Rft	Rs. 74663
5	BASE COURSE: - Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains). Sch. of Rate, vol-III Part - VI, item No.3 (10),Page No. 2. PHASE-I MILE 0/0-0/1+330 (0.30 KMS)	4731	13629.25	P%Cft	Rs. 644800
6	SURFACE DRESSING (03 COAT): - Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajriof 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).	18926	4441.02	P%Sft	Rs. 840507
	Total Rs.				7242790
	Ded: Different Cost of 6.67 Ton Bitumen @ Rs. 22606.00 Per Nos				
				(-) Rs.	150782
				Total Rs.	7092008

CONTRACTOR**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

SCHEDULE "B" (03 No(s) Culvert(s))**CONSTRUCTOIN OF ROAD FROM KAPLORE HADAKAR - DHABI ROAD TO VILLAGE****NOOR-UD-DIN SAMOON DHABI****MILE 0/0-0/2 (0.40 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)	2067	3176.25	P%0Cft	Rs. 6565
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.	344	9416.28	P%Cft	Rs. 32392
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4	683	12501.41	P%Cft	Rs. 85385
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing,compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).	96	14429.25	P%Cft	Rs. 13852
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)	9.73	4820.20	P.Cft	Rs. 46901
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which wil be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.	162	337.00	P.Cft	Rs. 54594
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partial wood (2nd class) (a) Vertical.	76	3127.41	P%Sft	Rs. 2377
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	302	2344.59	P%Sft	Rs. 7081
				Total Rs.	249147

$$249147 \times 3 = 747441$$

CONTRACTOR

EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT

SCHEDULE "B" PART - C (P.WALL)**SCHEDULE "B" (03 No(s) Culvert(s))****CONSTRUCTIOIN OF ROAD FROM KAPLORE HADAKAR - DHABI ROAD TO VILLAGE**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 EXCAVATION: -

Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)

688	3176.25	P%0Cft	Rs.	2185
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2 CEMENT CONCRETE RATIO (1:4:8): -

Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.

250	9416.28	P%Cft	Rs.	23541
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3 CEMENT CONCRETE (1:2:4): -

Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).

281	14429.25	P%Cft	Rs.	40546
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7 ERECTION AND REMOVAL : -

Erection and removal of centering for R.C.C. or plain cement concrete works of Partial wood (2nd class) (a) Vertical.

250	3127.41	P%Sft	Rs.	7819
			Total Rs.	74091

CONTRACTOR**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

SCHEDULE "B" PART - D (DRAIN PASSAGE) 05 Nos**CONTRACTOR**0

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 **CEMENT CONCRETE RATIO (1:4:8): -**

Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.

25	9416.28	P%Cft	Rs.	2354
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2 **CEMENT CONCRETE (1:2:4): -**

Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).

30	14429.25	P%Cft	Rs.	4329
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3 **ERECTION AND REMOVAL : -**

Erection and removal of centering for R.C.C. or plain cement concrete works of Partal wood (2nd class) (a) Vertical.

30	3127.41	P%Sft	Rs.	938
			Total Rs.	7621

$$7621 \quad \times \quad 5 \quad = \quad 38105$$

CONTRACTOR**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

NAME OF WORK**CONSTRUCTION OF ROAD FROM SAMARO BACHA BUND @ GUL HASSAN MEMON ROAD TO
VILLAGE ABDUL SATTAR KHASKHELI & CH. AIJAZ****MILE 0/0-0/3 (0.60 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
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1 FORMATION: -

Earth work for road embankment by bulldozers, including ploughing, mixing, clod breaking, dressing, compacting with optimum moisture content. Lead upto 100 ft. and lift upto 5.0 ft. in all types of soil except rock. If earth work is done by other than department.

(a) COMPACTING UPTO 85% DENSITY

124621	3656.23	P%0Cft	Rs.	455643
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(b) COMPACTION 95-100% DENSITY

28552	6190.17	P%0Cft	Rs.	176742
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2 SUB-BASE COURSE: -

Preparing Sub-base course by supplying and spreading stone metal of 2" - 1 1/2" in gauge of approved quality from approved quarry in required thickness of 6" in 2 layers to proper camber and grade including hand packing filling voids with 20 Cft of Pit Canal Sand having plasticity index of not more than 6% of suitable quality watering and compacting to achieve 98-100% density as per modified AASHO specification. Rate includes, all types of materials, T&P and carriage upto site of work (3 chains).

12236	10076.76	P%Cft	Rs.	1232992
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3 BRICKS ON EDGING: -

Laying bricks on end edging including Supply of 9" x 4 1/2" x 3" of 1st class burnt Bricks, excavation for laying edging with Small side labours and carriage upto site of work (3 chain).

4079	2792.50	P%Rft	Rs.	113906
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4 BASE COURSE: -

Preparing Base Course by supplying and spreading stone metal of 1 1/2" in gauge of approved quality properly graded in required thickness of 6" to proper camber & grade including supplying and spreading 15 Cft. Stone Screening and non-plastic quarry fines filling depressions with stone metal after initial rolling watering and compacting to achieve 100% density as per modified AASHO. Specification. (Also include providing & using templates, camber plates, Screen forms and carriage upto site of work. (3 Chains).

6118	11460.75	P%Cft	Rs.	701169
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5 SURFACE DRESSING (03 COAT): -

Providing three coats of Surface Dressing on new or existing surface with (5.50 + 2.75+1.50) 9.75 Cft. Of Crush bajri of 3/4" - 3/8" in gauge and (40+25+14)=79 lbs of Bitumen 80/100 penetration including cleaning the road surface, rolling after each coat etc complete. Rate includes all cost of materials, T&P and Carriage upto site of work (3 chains).

24473	4318.54	P%Sft	Rs.	1056876
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6 EARTH WORK ON BERMS: -

Earth Work for embankment (Berms) from barrow pits including laying in 6" layers, clod breaking, ramming, dressing etc. complete. Lead upto 100 ft. and lift upto 5.0 ft. (in ordinary soil).

20399	2208.37	P%0Cft	Rs.	45049
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Total Rs.	3782377
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Ded: Different Cost of 8.63 Ton Bitumen
@ Rs. 22606.00 Per Nos

(-) Rs.	195090
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Total Rs.	3587287
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No. Premium will be allowed on Item No.

Note: Item/Quantities/Rates and amount are estimated provisional and will be corrected to the Detail Working Estimate sanctioned by competent authority

CONTRACTOR**EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT**

SCHEDULE "B" (02 No(s) Culvert(s))

**CONSTRUCTION OF ROAD FROM SAMARO BACHA BUND @ GUL HASSAN MEMON ROAD
TO VILLAGE ABDUL SATTAR KHASKHELI & CH. AIJAZ
MILE 0/0-0/3 (0.60 KMS)**

S.#	ITEM OF WORK	QTY	RATE	UNIT	AMOUNT
1	EXCAVATION: - Excavation in foundation of Building, Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth, watering and ramming lead upto 5.00 ft. (in ordinary soil)	1056	3176.25	P%0Cft	Rs. 3354
2	CEMENT CONCRETE RATIO (1:4:8): - Cement Concrete brick or stone ballast 1 1/2 to 2" gauge. Ratio 1:4:8.	239	9416.28	P%Cft	Rs. 22505
3	PUCCA BRICK WORK RATIO 1:4: - Pucca brick work in foundation and plinth in cement sand mortar 1:4	474	12501.41	P%Cft	Rs. 59257
4	CEMENT CONCRETE (1:2:4): - Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4).	89	14429.25	P%Cft	Rs. 12842
5	FEBRICATION: - Febrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.)	5.05	4820.20	P.Cft	Rs. 24342
6	R.C.C. WORK. RATIO 1:2:4: - Reinforced cemnt concrete work including all labour and materials except the cost of steel reinforcement and its labour for bending and binding which wil be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). R.C. work in roof slab, brams, columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio (1:2:4) 90 lbs cement 2 Cft. sand 4 Cft. Shingle 1/8" to 1/4" gauge.	80	337.00	P.Cft	Rs. 26960
7	ERECTION AND REMOVAL : - Erection and removal of centering for R.C.C. or plain cement concrete works of Partial wood (2nd class) (a) Vertical.	28	3127.41	P%Sft	Rs. 876
8	CEMENT PLASTER RATIO 1:3: - Cement Plaster 1:3 upto 20.0' height. 1/2" thick.	261	2344.59	P%Sft	Rs. 6119
				Total Rs.	156255

$$156255 \times 2 = 312510$$

CONTRACTOR

EXECUTIVE ENGINEER HIGHWAYS
DIVISION UMERKOT