

**NAME OF SCHEME****DETAILED WORKING ESTIMATE FOR  
RECONDITIONING OF ROAD FROM UMEED ALI JUNEJO VIA SHAHDADKOT  
GHARHI KHAIRO ROAD U/C JAMALI TALUKA SHAHDADKOT.****PART-A (ROAD WORK)****MILE 0/0-0/5****SCHEDULE-B**

| <b>S.NO.</b> | <b>NAME OF SCHEME</b> | <b>NO.L.B.D.</b> | <b>QTY</b> | <b>RATE</b> | <b>UNIT</b> | <b>AMOUNT</b> |
|--------------|-----------------------|------------------|------------|-------------|-------------|---------------|
|--------------|-----------------------|------------------|------------|-------------|-------------|---------------|

1. Preparing base course by supplying and spreading stone metal of approved quality from approved quarry properly graded to maximum size of 1½"-2 in required to proper camber and grade including supplying and spreading 15cft. Screening and Non-Plastic quarry fines filling depressions with stone metal after initial rolling including watering and compacting the same so as to achieve 100% density as per modified AASHO specifications (Rate includes providing and using templates camber plates screen forms as directed) Rate includes all costs of material T&P Labour and carriage to site of work.

MILE 0/0-0/5

21900 CFT @ Rs. 10,641.55 P.%CFT **RS. 2,330,499**

2. Laying brick on end edging i/c supplying of 9" x 4½" x 3" 1st Class burnt bricks-excavation for laying edging with small side parallel to the road. Rate i/cs all cost of material labor and carriage to site of work.

MILE 0/0-0/5

6800 CFT @ Rs. 2,729.96 P.%RFT **RS. 185,637**

3. Providing surface dressing 1st coat of new or existing surface with 30Lbs of bitumen and 4.0Cft Crush Bajri of required size i/c cleaning the road surface rolling etc. complete. Rate i/cs all cost of material T&P and carriage up to site of work.

MILE 0/0-0/5

40800 SFT @ Rs. 1,696.53 P.%SFT **RS. 692,185**

4. Providing 1" Thick (consolidated) premixed carpet in proper camber and grade i/c supplying 10cft. Crush Bajri 4.0cft. Hill sand of approved quality 67lbs of bitumen of 80/100 penetration i/c mixing in the mechanical mixture in required proportion i/c heating the material T&P and cleaning the road surface. (Hill 2 Cft for mixing and 2 Cft for dusting) Rate i/c all cost of material T&P and carriage up to site of work.

MILE 0/0-0/5

40800 SFT @ Rs. 4,743.81 P.%SFT **RS. 1,935,475**

| S.NO | NAME OF SCHEME | NO.L.B.D. | QTY | RATE | UNIT | AMOUNT |
|------|----------------|-----------|-----|------|------|--------|
|------|----------------|-----------|-----|------|------|--------|

5. Earth work for road embankment from barrow pits including laying in 6" layers Clod breaking dressing etc. complete lead up to 100' and lift up to 5ft in (Ordinary Soil).

MILE 0/0-0/5

400700 CFT @ Rs. 2,208.37

P.%0CFT

RS. 884,894

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GRAND TOTAL RS. 6,028,690

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6. Add: Difference cost of Bitumen.

$$\frac{40800 \times 97}{2240 \times 100} = 17.67$$

@ Rs. 5,472.00

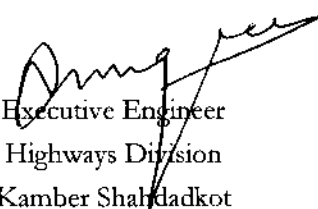
P.TON (-) RS. 96,636

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TOTAL

RS. 5,932,055

CONTRACTOR

  
Executive Engineer  
Highways Division  
Kamber Shahdadkot

**NAME OF SCHEME****DETAILED WORKING ESTIMATE FOR****RE-DECKING OF 6.0'FT SPAN CULVERT AT VILLAGE****RECONDITIONING OF ROAD FROM UMEED ALI JUNEJO VIA SHAHDADKOT GHARHI****KHAIRO ROAD U/C JAMALI TALUKA SHAHDADKOT.****PART-B (MASONRY STRUCTURE)****SCHEDULE-B**

| S.NO. | NAME OF SCHEME | NO.L.B.D. | QTY | RATE | UNIT | AMOUNT |
|-------|----------------|-----------|-----|------|------|--------|
|-------|----------------|-----------|-----|------|------|--------|

1. Fabrication of mild steel re-inforcement work i/c binding and cutting banding wires and laying in position making joints and fasting i/c cost of binding wire also removal of rust from bars.

27.44 CWT @ Rs. 4,820.20 P.CwT RS. 132,248

2. Re-inforcement C.C. work i/c all labour and materials except the cost of steel re-inforcement and its labour for bending and binding which will be paid separately. This rate also i/cs all kinds of forms soulds lifting shuttering curring rendering washing of shingle.

268 CFT @ Rs. 337.00 P.CFT RS. 90,232

3. Cement Plaster (1:4) upto 20'ft hieght 1/2" thick.

869 Sft @ Rs. 2,283.90 P.%SFT RS. 19,847

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TOTAL RS. 242,327

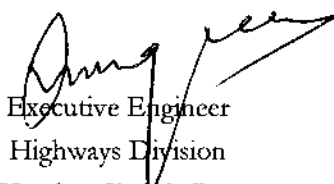
1% Contingencies RS. 2,423

Add Cartage of Material RS. 18,116

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GRAND TOTAL RS. 262,867

CONTRACTOR

  
Executive Engineer  
Highways Division  
Kamber-Shahdadkot

**DETAILED WORKING ESTIMATE FOR**  
**18" DIA PIPE CULVERT AT VILLAGE**  
**RECONDITIONING OF ROAD FROM UMEED ALI JUNEJO VIA SHAHDADKOT**  
**Gharhi Khairo Road U/C Jamali Taluka Shahdadkot.**

PART- C (MASONRY STRUCTURE)

MILE 0/0-0/5

**SCHEDULE-B**

| S.NO. | NAME OF SCHEME | NO.L.B.D. | QTY | RATE | UNIT | AMOUNT |
|-------|----------------|-----------|-----|------|------|--------|
|-------|----------------|-----------|-----|------|------|--------|

1. Excavation of foundation of Building, Bridges & other structure i/c deg, billing dressing refilling around the structure with excavated earth watering, ramming lead up to one chain and lift up to 5' in (ordinary soil).

389 CFT @ Rs. 3,176.21 P.%CFT **RS. 1,234**

2. Cement Concrete Bricks or Stone ballast 1 - 1/2" guage Ratio 1:4:8.

111 CFT @ Rs. 9,416.28 P.%CFT **RS. 10,452**

3. Cement Concrete plain i/c placing compacting finishing and carrying complete i/c screening and washing aggregate with shuttering Ratio 1:2:4.

56 CFT @ Rs. 14,429.25 P.%CFT **RS. 8,080**

4. Pacca Brick work in foundation and plinth in cement sand mortar ratio 1:4.

90 CFT @ Rs. 12,501.41 P.%CFT **RS. 11,251**

5. Providing 18" Dia R.C.C.pipe with collers class and fixing the tenches to required depth and fixing in screning i/c watering filling and jointing with complete compensation and cement mortar 1:1 & testing with water procedure to head of 4 ft above the top of the highest pipe of rolling excavated stuff.

28 Rft @ Rs. 412.00 P.%RFT **RS. 11,536**

6. Cement Plaster (1:4) upto 20'ft hieght 1/2" thick.

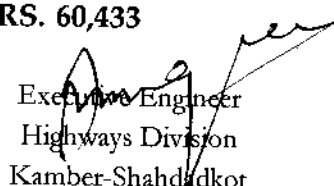
123 SFT @ Rs. 2,344.59 P.%SFT **RS. 2,884**

**TOTAL RS. 45,438**

**Add Cartage of Material RS. 14,996**

**GRAND TOTAL RS. 60,433**

CONTRACTOR

  
 Executive Engineer  
 Highways Division  
 Kamber-Shahdadkot

2

**NAME OF SCHEME**

**DETAILED WORKING ESTIMATE FOR CONSTRUCTION OF APPROACH ROAD AND LEFT OVER WAH LOHI PULL ON NOURANG WAH AT VILLAGE JALBANI KHAN MUGHERI I/C REPLACEMENT OF SLAB OF BRIDGE U/C KHAIRPUR JUSSO TALUKA KAMBER (ADP PROGRAM 2014-2015),**

**PART-A (ROAD WORK)**

**MILE 0/0-0/0+338'**

**SCHEDULE-B**

| S.NO. | NAME OF SCHEME | NO.L.B.D. | QTY | RATE | UNIT | AMOUNT |
|-------|----------------|-----------|-----|------|------|--------|
|-------|----------------|-----------|-----|------|------|--------|

- Earth work for road embankment by Bulldozers i.e. ploughing mixing clod breaking dressing and compacting with optimum moisture content, lead up to 100ft. and lift up to 5ft in all types of soil except rock, compacting up to 85% as per AASHO modified density.

MILE 0/0-0/0+338'

88,900 CFT @ Rs. 7,723.95 P.%CFT **RS. 686,659**
- Earth work for road embankment by Bulldozers i.e. ploughing mixing clod breaking dressing and compacting with optimum moisture content, lead up to 100ft. and lift up to 5ft in all types of soil except rock, compacting up to 95-100% as per AASHO modified density.

MILE 0/0-0/0+338'

6000 CFT @ Rs. 10,253.72 P.%CFT **RS. 61,522**
- Preparing sub-base course by supplying and spreading stone metal 1½"-2" gauge of approved quality from approved quarry in required to proper camber and grade i/c hand packing filling voids with 10cft screening & Non plastic quarry fines of screening watering and Compacting to achieve 98-100% density as per modified AASHO specification (Rate includes all cost of material T&P and carriage up to site of work).

MILE 0/0-0/0+338'

3000 CFT @ Rs. 8,170.01 P.%CFT **RS. 245,100**
- Laying brick on end edging i/c supplying of 9" x 4½" x 3" 1st Class burnt bricks- excavation for laying edging with small side parallel to the road. Rate i/cs all cost of material labor and carriage to site of work.

MILE 0/0-0/0+338'

1000 CFT @ Rs. 2,729.96 P.%RFT **RS. 27,300**
- Preparing base course by supplying and spreading stone metal of approved quality from approved quarry properly graded to maximum size of 1½"-2 in required to proper camber and grade including supplying and spreading 15cft. Screening and Non-Plastic quarry fines filing depressions with stone metal after initial rolling including watering and compacting the same so as to achieve 100% density as per modified AASHO specifications (Rate includes providing and using templates camber plates screen forms as directed) Rate includes all costs of material T&P Labour and carriage to site of work.

MILE 0/0-0/0+338'

1800 CFT @ Rs. 9,195.88 P.%CFT **RS. 165,526**

| S.NO. | NAME OF SCHEME | NO.L.B.D. | QTY | RATE | UNIT | AMOUNT |
|-------|----------------|-----------|-----|------|------|--------|
|-------|----------------|-----------|-----|------|------|--------|

6. Providing surface dressing 1st coat of new or existing surface with 30Lbs of bitumen and 4.0Cft Crush Bajri of required size i/c cleaning the road surface rolling etc. complete. Rate i/cs all cost of material T&P and carriage up to site of work.

MILE 0/0-0/0+338'

7100 SFT @ Rs. 1,659.27 P.%SFT RS. 117,808

7. Providing 1" Thick (consolidated) premixed carpet in proper camber and grade i/c supplying 10cft. Crush Bajri 4.0cft. Hill sand of approved quality 67lbs of bitumen of 80/100 penetration i/c mixing in the mechanical mixture in required proportion i/c heating the material T&P and cleaning the road surface. (Hill 2 Cft for mixing and 2 Cft for dusting) Rate i/c all cost of material T&P and carriage up to site of work.

MILE 0/0-0/0+338'

7100 SFT @ Rs. 4,635.93 P.%SFT RS. 329,151

7. Earth work for road embankment form barrow pits including laying in 6" layers Clod breaking dressing etc. complete lead up to 100' and lift up to 5ft in (Ordinary Soil).

MILE 0/0-0/0+338'

5000 CFT @ Rs. 6,278.37 P.%0CFT RS. 31,392

**GRAND TOTAL RS. 1,664,458**

8. Add: Difference cost of Bitumen.

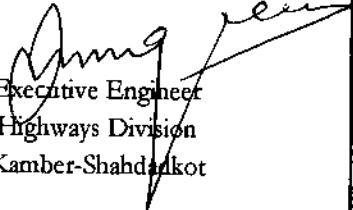
Deduct (-)

$$\frac{7100 \times 97}{2240 \times 100} = 3.07$$

@ Rs. 5,427.00 P.TON RS. 16,661

**TOTAL RS. 1,647,797**

CONTRACTOR

  
Executive Engineer  
Highways Division  
Kamber-Shahdadkot

**NAME OF SCHEME****DETAILED WORKING ESTIMATE FOR****REPLACEMENT OF SLAB AT VILLAGE****REPLACEMENT OF SLAB OF BRIDGE OVER LOHI PULL ON NOURANG WAH TO VILLAGE JALBANI KHAN MUGHERI (REMAINING WORK).****PART-B ( MASONRY WORK)****SCHEDULE-B**

| S.NO. | NAME OF SCHEME | NO.L.B.D. | QTY | RATE | UNIT | AMOUNT |
|-------|----------------|-----------|-----|------|------|--------|
|-------|----------------|-----------|-----|------|------|--------|

1. Re-inforcement cement concrete work i/c all labour and material except the cost of steel reinforcement and its labour for binding which will be paid mould lifting shuttering curing rendering and finishing the exposed surface i/c screening and washing shingle.

990 CFT @ Rs. 337.00 P.CFT RS. 333,630

2. Fabrication of mild steel re-inforcement work i/c binding and cutting bending wires and laying in position making joints and fastening i/c cost of binding wires also removed of rust from bars.

9.96 CWT @ Rs. 4,820.20 P.CWT RS. 47,988

3. C.C. brick or stone ballast 1 1/2" to 2" gauge (GSI No. 2 P-17) Ratio 1:4:8.

800 SFT @ Rs. 9,416.28 P.%SFT RS. 75,330

4. Cement Concrete plain i/c placing compacting complete i/c washing of shingle screening without shuttering Ratio 1:2:4.

500 CFT @ Rs. 14,429.25 P.%CFT RS. 72,146

5. Erection and removal of shuttering for R.C.C. or plain cement concrete verticals.

200 CFT @ Rs. 3,127.41 P.%CFT RS. 6,255

6. Pacca Brick work in foundation and plinth in cement sand mortar ratio 1:6.

800 CFT @ Rs. 12,501.41 P.%CFT RS. 100,011

7. Cement Plaster (1:4) upto 20'ft height 1/2" thick.

1,100 CFT @ Rs. 2,344.59 P.%CFT RS. 25,790

**TOTAL RS. 661,151**

**Add Cartage of Material RS. 127,316**

**GRAND TOTAL RS. 788,467**

CONTRACTOR

*[Signature]*  
Executive Engineer  
Highways Division  
Kamber-Shahdadkot

3

**NAME OF SCHEME**

**DETAILED WORKING ESTIMATE FOR  
CONSTRUCTION OF LINK ROAD FROM BADEH DERA TO VILLAGE RABAN  
KHAN GADHI, (ADP PROGRAM 2014-2015).**

**PART-A (ROAD WORK)**

**MILE 0/0-0/1+290'**

**SCHEDULE - B**

| <b><u>S.NO.</u></b> | <b><u>NAME OF SCHEME</u></b> | <b><u>NO.L.B.D.</u></b> | <b><u>QTY</u></b> | <b><u>RATE</u></b> | <b><u>UNIT</u></b> | <b><u>AMOUNT</u></b> |
|---------------------|------------------------------|-------------------------|-------------------|--------------------|--------------------|----------------------|
|---------------------|------------------------------|-------------------------|-------------------|--------------------|--------------------|----------------------|

1. Earth work for road embankment by Bulldozers i.e. ploughing mixing clod breaking dressing and compacting with optimum moisture content, lead up to 100ft. and lift up to 5ft in all types of soil except rock, compacting up to 85% as per AASHO modified density.

MILE 0/0-0/1+290'

|            |                |         |             |
|------------|----------------|---------|-------------|
| 43,000 CFT | @ Rs. 3,656.23 | P.%0CFT | RS. 157,218 |
|------------|----------------|---------|-------------|

2. Earth work for road embankment by Bulldozers i.e. ploughing mixing clod breaking dressing and compacting with optimum moisture content, lead up to 100ft. and lift up to 5ft in all types of soil except rock, compacting up to 95-100% as per AASHO modified density.

MILE 0/0-0/1+290'

|           |                |         |            |
|-----------|----------------|---------|------------|
| 11400 CFT | @ Rs. 6,190.17 | P.%0CFT | RS. 70,568 |
|-----------|----------------|---------|------------|

3. Providing sand cushion i/c supplying and spreading pit / canal sand of approved quality from approved source of supply to site of work i/c watering and rolling etc complete. Rate i/cs all cost of material T&P Labour Carriage of 3.0 miles (Average).

MILE 0/0-0/1+290'

|          |                |        |            |
|----------|----------------|--------|------------|
| 5700 CFT | @ Rs. 1,479.41 | P.%CFT | RS. 84,326 |
|----------|----------------|--------|------------|

4. Preparing sub-base course by supplying and spreading stone metal 1½"-2" gauge of approved quality from approved quarry in required to proper camber and grade i/c hand packing filling voids with 10cft screening & Non plastic quarry fines of screening watering and Compacting to achieve 98-100% density as per modified AASHO specification (Rate includes all cost of material T&P and carriage up to site of work).

MILE 0/0-0/1+290'

|          |                |        |             |
|----------|----------------|--------|-------------|
| 5700 CFT | @ Rs. 9,380.59 | P.%CFT | RS. 534,694 |
|----------|----------------|--------|-------------|



| S.NO. | NAME OF SCHEME | NO.L.B.D. | QTY | RATE | UNIT | AMOUNT |
|-------|----------------|-----------|-----|------|------|--------|
|-------|----------------|-----------|-----|------|------|--------|

5. Laying brick on end edging i/c supplying of 9" x 4½" x 3" 1st Class burnt bricks- excavation for laying edging with small side parallel to the road. Rate i/cs all cost of material labor and carriage to site of work.

MILE 0/0-0/1+290'

1900 CFT @ Rs. 2,729.96 P.%RFT RS. 51,869

6. Preparing base course by supplying and spreading stone metal of approved quality from approved quarry properly graded to maximum size of 1½"-2 in required to proper camber and grade including supplying and spreading 15cft. Screening and Non-Plastic quarry fines filing depressions with stone metal after initial rolling including watering and compacting the same so as to achieve 100% density as per modified AASHO specifications (Rate includes providing and using templates camber plates screen forms as directed) Rate includes all costs of material T&P Labour and carriage to site of work.

MILE 0/0-0/1+290'

2850 CFT @ Rs. 10,448.79 P.%CFT RS. 297,791

7. Providing surface dressing 1st coat of new or existing surface with 30Lbs of bitumen and 4.0Cft Crush Bajri of required size i/c cleaning the road surface rolling etc. complete. Rate i/cs all cost of material T&P and carriage up to site of work.

MILE 0/0-0/1+290'

11400 SFT @ Rs. 1,684.79 P.%SFT RS. 192,066

8. Providing 1" Thick (consolidated) premixed carpet in proper camber and grade i/c supplying 10cft. Crush Bajri 4.0cft. Hill sand of approved quality 67lbs of bitumen of 80/100 penetration i/c mixing in the mechanical mixture in required proportion i/c heating the material T&P and cleaning the road surface. (Hill 2 Cft for mixing and 2 Cft for dusting) Rate i/c all cost of material T&P and carriage up to site of work.

MILE 0/0-0/1+290'

11400 SFT @ Rs. 4,723.66 P.%SFT RS. 538,497

| S.NO. | NAME OF SCHEME | NO.L.B.D. | QTY | RATE | UNIT | AMOUNT |
|-------|----------------|-----------|-----|------|------|--------|
|-------|----------------|-----------|-----|------|------|--------|

9. Earth work for road embankment form barrow pits including laying in 6" layers Clod breaking dressing etc. complete lead up to 100' and lift up to 5ft in (Ordinary Soil).

MILE 0/0-0/1+290'

19000 CFT @ Rs. 2,208.37

P.%0CFT RS. 41,959

GRAND TOTAL RS. 1,968,987

10. Add: Difference cost of Bitumen.

$$\frac{11400 \times 97}{2240 \times 100} = 4.94$$

@ Rs. 5,472.00

P.TON (-) RS. 26,977

TOTAL RS. 1,942,010

Add Sign Board

1 No.

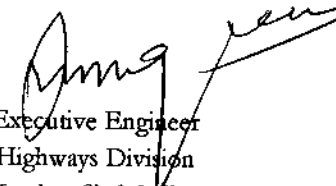
@ Rs. 16,956

Each

RS. 16,956

TOTAL RS. 1,958,966

CONTRACTOR

  
Executive Engineer  
Highways Division  
Kamber-Shahdadkot