

# GOVERNMENT OF SINDH

**DETAIL ESTIMATE**

**FOR**

**REHABILITION OF ROAD FROM AHMEDPUR ROAD TO GHOGI MANGNEJA TALUKA KINGRMILE0/0- 0/5 (1.0 KM)**

# AN AMOUNTING TO Rs. 8.483 MILLION.

OFFICE OF THE EXECUTIVE ENGINEER HIGHWAY DIVISION KHAIRPUR.

NAME OF WORK:**REHABILITION OF ROAD FROM AHMEDPUR ROAD TO GHOGI MANGNEJA TALUKA KINGRMILE0/0- 0/5 (1.0 KM)**

GENERAL ABSTRACT.

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| S.NO | ITEM OF WORK | | AMOUNT. |
| **1/-** Road Work  **2/-** Masonry    **TOTAL: -** | | Rs. 6132999/=  Rs. 2350926/=  **Rs: 8483925/=**  **Rs: 8483900/=** | |
| Say | |

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| ASSISTANT ENGINEER  HIGHWAYS SUB – DIVISION  PIR JO-GOTH | EXECUTIVE ENGINEER  HIGHWAY DIVISION KHAIRPUR |

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| NAME OF SCHEME*:* | **REHABILITION OF ROAD FROM AHMEDPUR ROAD TO GHOGI MANGNEJA TALUKA KINGRMILE0/0- 0/5 (1.0 KM)** |

(MEASUREMENT CUM ABSTRACT)

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| *Qty* | ITEM OF WORK | QTY: | | RATE | UNIT | AMOUNT |
|  | | | | | |  |
|  | 1/-Earth work for road embankment from bulldozers i/cs: plugging mixing clod breaking dressing & compacting with optimum moisture content lead upto 100’ & lift upto 5.0’in ordinary soil except in rock.  (EARTH WORK ON BERM) | | | | |  |
|  |  | | | | |  |
| 205100 | Cft @ Rs.6278/37 P%0 Cft | | | | | Rs.1287679 |
|  | 1/-Laying Brick on end edging i/cs: supply of 9”x4 ½”2”x3”Ist: Class Burnt bricks excavation for having edging with small size parallel to the road (Rate i/cs: lead upto side of work) | | | | |  |
|  | 2x5x660x1.03 = 6798 | | | | Rft |  |
| 6800 | Rft |  | | @Rs.2771/63 | P.%Rft | Rs.188470/- |
|  | 2/-Preparing Base course by supplying & spreading stone metal of approved quality properly graded to maximum size of 1 ½”gauge in required thickness to proper camber & grade i/cs: supplying & spreading l5 cft: screening & Non plastic quarry fines filling depression with stone metal after initial rolling i/cs: watering & compacting the same so as to achieve 100% density as per modified AASHO Specification. | | | | |  |
|  | 5x660x12.0x0.25x10/100x1.03 = 1020Cft:  5x660x12.0x0.50x1.03 = 20394Cft  21414 | | | |  |  |
| 21400 | Cft: |  | | @Rs.7605/65 | P.% Cft: | Rs:1627609//- |
|  | 1/-Providing Surface Dressing Ist: Coat on new or existing surface with 30lbs: bitumen of 80/100 Penetration & 4.0 Cft: Crush bajri with i/cs: cleaning the road surface rolling etc: complete. (Rate i/cs: all costs of materials T&P & carriage upto site of work) | | | | |  |
|  | 5x660x12.0x1.03 | | | | = 40788 Sft |  |
| 40800 | Sft: |  | | @Rs.1609/77 | P.%Sft | Rs.656786/- |
|  | 2/-Providing 1”thick (consolidate) Premixed Carpet in proper camber & grade i/cs: supplying of 10 cft: Crush bajri with 67lbs: bitumen of 80/100 Penetration & 4.00 Cft: Hill sand rolling etc: complete. | | | | |  |
|  | 5x660x12.0x1.03 = | | | | 40788 Sft |  |
| 40800 Sft: | @Rs.4503/07 | | | | P.% Sft: | Rs.1837252/- |
|  | 7- decreased Cost of Bitumen. | |  |  |  | |
| 17.66 | P.Tons | | | Rs:17595 | P.Ton(-) | Rs:310727 |

Total Rs:5287069/-

Add 14% above (as per ceiling) (+) Rs.740189

Add 2%Contigency. (+) Rs: 105741/

Total Rs:6132999/-

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| ASSISTANT ENGINEER  HIGHWAYS SUB – DIVISION  KINGRI @ PIR JO - GOTH | EXECUTIVE ENGINEER  HIGHWAY DIVISION KHAIRPUR |

Preparing Base course by supplying & spreading stone metal of approved quality properly graded to maximum size of 1 ½”gauge in required thickness to proper camber & grade i/cs: supplying & spreading l5 cft: screening & Non plastic quarry fines filling depression with stone metal after initial rolling i/cs: watering & compacting the same so as to achieve 100% density as per modified AASHO Specification.

RATE ANALYSIS

A)Composite rate Rs.5252/41

B)Cost of carriage133 of stone Rs.2114/74

Metal (a) 1590/03 % cft

C)Cost of carriage 15 cft screening Rs.238750

**Total**

@ Rs. 1590/03 **Rs.7605/65**

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| ASSISTANT ENGINEER  HIGHWAYS SUB – DIVISION  KINGRI @ PIR JO - GOTH | EXECUTIVE ENGINEER  HIGHWAY DIVISION KHAIRPUR |

RATE ANALYSIS

Laying Brick on end edging i/cs: supply of 9”x4 ½”2”x3”Ist: Class Burnt bricks excavation for having edging with small size parallel to the road (Rate i/cs: lead upto side of work)

Unite 100 Rft

A)Composite Schedule rate . Rs.2482/94

C)Cost of carriage for Rs.288/69

**Total**

400 NOS : @ Rs. 721/74 P.‰ NOS: **Rs.2771/63**

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| ASSISTANT ENGINEER  HIGHWAYS SUB – DIVISION  KINGRI @ PIR JO - GOTH | EXECUTIVE ENGINEER  HIGHWAY DIVISION KHAIRPUR |

RATE ANALYSIS

Providing Surface Dressing Ist: Coat on new or existing surface with 30lbs: bitumen of 80/100 Penetration & 4.0 Cft: Crush bajri with i/cs: cleaning the road surface rolling etc: complete. (Rate i/cs: all costs of materials T&P & carriage upto site of work)

A) Composite rate Rs.1520/45

B) Cost of carriage 4.0 cft of Crush Rs.51/71

Bajri @ 1292/92 P.% cft

C) Cost of carriage 30 lbs: bitumen Rs.37/61

@ Rs. 2808/19 P.Ton **Total Rs.1609/77**

RATE ANALYSIS

Providing 1”thick (consolidate) Premixed Carpet in proper camber & grade i/cs: supplying of 10 cft: Crush bajri with 67lbs: bitumen of 80/100 Penetration & 4.00 Cft: Hill sand rolling etc: complete.

A) Composite rate Rs.4107/84

B) Cost of carriage 4.0 cft of Crush Rs.129/29

Bajri @ 1292/92 P.% cft

C) Cost of carriage 4.0 cft: Hill sand Rs.181/95

@ Rs. 4548/92 P.Ton

D) Cost of carriage 67 lbs: bitumen Rs.83/99

@ 2808/19 P.Ton **Total Rs.4503/07**

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