

**CONSTRUCTION OF OVER HEAD BRIDGE ON RAILWAY LINE BETWEEN
KOTRI CITY AND THE INDUSTRIAL AREA KOTRI DISTRICT JAMSHORO
SINDH.**

MAIN & APPROACH BRIDGE

PART- "I"

S.No:	Item of Work	Qty:	Rate	Unit	Amount.
01	Construction of over head bridge over railway line with pile foundations, pre-stressed girders and R.C.C Slab 24'ft Carriage Way with 4'ft foot path having arrangement of duct for taking service lines and R.C.C railway on other side, this includes soil investigation, design drawing as per A.A. loadings from registered consulting firms duly vetted by other consultant.				
I	Bridge over Railway Line 25' HT (Dual Carriageway 24')	550 Rft			
ii	Approach bridge from 25'HT to 7' HT (Dual Carriage way 24')	2x720 = 1440 Rft			
iii	Approach bridge from 25'HT to 7' HT (Single Carriage way 24')	2x520= 1040 Rft			
iv	Approach bridge from 7' HT to 0' HT (Dual Carriage way 24')	1x280'= 280 Rft			
V	Approach Bridge from 7' HT to 0' HT (Single Carriage way 24')	4x280= 1120 Rft			

**EXECUTIVE ENGINEER
PROVL: HIGHWAY DIVISION
DADU**

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SINDH. (FOOT PATH / MEDIAN).**

PART “II”

SCHEDULE “B”				
Qty:	Item of Work	Rate	Unit	Amount
16280 Cft	01. Excavation in foundation of bldgs bridges and other structure i/c deg belling dressing refilling around the structure with excavated earth watering ramming lead upto one chain and lif upto 5'-0 (in ordinary soil).	3176/25	P.%0Cft	51,709/-
6600 Cft	02. Cement concrete brick or stone ballast 1 ½” -2” guage Ratio 1:4:8.	9416/28	P.%Cft	6,21,474/-
16720 Sft	03 Errection and removal of centering for R.C.C or C.C plain work vertical portal wood.	3127/41	P.%Sft	5,22,905/-
9240 Cft	04 Cement concrete plain including placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering Ratio 1:2:4.	14429/25	P.% Cft	13,33,702/-
94.336 Cwt	05. Fabrication of mild steel reinforcement concrete i/c cutting bending laying in position making joints and fastening i/c cost of bending wire also i/cs removal rust from bars	4820/20	P.Cwt	4,54,718/-
3300 Cft	06. R.C.C work i/c all labour and materials except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate i/cs all kinds of forms mould lifting shuttering curing rendering and finishing the exposed surface including screening and washing of shingle (a) R.C.C work in roof slabs beams columns rafts lintels laid in situ or precast laid in position complete in all respects Ratio 1:2:4.	337/-	P.Cft	11,12,100/-
3960	07. Preparing the surface and painting with plastic emulsion paint of approved make i/c Rubbing the surface with sand paper filling the voids chalk / plaster of paris and then Painting etc complete.(3 Coats)	1762/75	P.% Sft	69,806/-

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SINDH (APPROACH ROAD).**

PART “ III” (ROAD APPROACHES)

SCHEDULE “B”				
Qty:	Item of Work	Rate	Unit	Amount
35350 Cft	01. Excavation in shingle gravel formation rock not requiring blasting Undressed lead upto 100’ .	22692/75	P.%0Cft	8,02,189/-
18055 Cft	02. Preparing sub base course by supplying and spreading s/metal 1 ½” – 2” gauge of approved quality from approved in required thickness of 6” in 2 layers of 3” each to proper camber and grade i/c hand packing filing voids with 20 cft of pit canal sand having plasticity index of not more than 6% of suitable quality watering and compacting 98-100 % density as per modified AASHO specifications. Rate i/cs all cost of materials T&P labor and carriage to site of work.	6222/64	P.% Cft	11,23,498/-
10877 Cft	03. Preparing Base course including supplying band spreading stone metal of approved quality properly graded to maximum size of 1/2" in reqd: thickness of 6" in 2 layers of 3" each to proper camber and grade including supplying and spreading 15 cft 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. This includes providing and using templates camber plates screen forms as directed. Rate includes all costs of materials T&P and carriage upto site of work.	7771/96	P.% Cft	8,45,356/-
21754 Sft	05. Providing Two Coats of surface dressing on new or existing surface with 55 lbs of bitumen of 80/100 penetration and 5 Cft Crush bajri ¾” to ½” guage including cleaning the road surface rolling after each coat etc complete. Rate includes all costs of materials T&P carriage upto site of work.	2833/80	P.% Sft	6,16,465/-

182554 Sft	06. Supplying to laying proper line and grade plant mixed Asphalt Concrete Power finished Hydrolic/ Electric control prepared to specified formula acceding to job of finishing to proper line and grade level and camber etc complete. Rate i/cs teak Coats with bitumen 80-100 penetration and all costs of materials droller T&G Carriage materials from source of supply of plant to site of work 2” thick (132.50 lbs for mix plant 15.00 Lbs of prime.	8691/05	P.% Sft	1,58,65,859/-
15160 Rft	07. Pavement marking in Reflective Tharmo plastic paint for line of 6” width.	41/24	P.Rft	6,25,198/-
04 Nos:	08. Sign Board	14600/-	Each	58,400/-
01 No:	09. Scheme Board	16956/-	Each	16,956/-
		Total		1,99,53,921/-
	Diff: Cost of Bitumen 98.48 tons @ Rs: 5427/- P. Ton Below			(-) 5,34,451/-

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