


DETAIL ENGINEER'S ESTIMATE

Engineer's Estimate for Strengthening and Surfacing (by DBS wearing Course) from chainage 0+000 to 9+500 Km of Jaldhaka(Vadurdargah)-Dimla-Tunirhat (Z-5703) Road under Road Division, Nilphamari During the year 2017-2018


Road No : Z-5703

Item Type		Amount in Taka
Division - 01	General & Site Facilities	417117.00
Division - 02	Earthwork	3497094.83
Division - 03	Pavement Workk	132064725.00
Division - 06	Incidentals	5726296.00
Total =		441705232.83

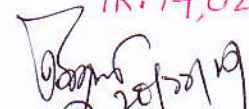
~~1,40,28,3552.83~~
TK. 14,02,83,551.95

✓ 
20-11-17

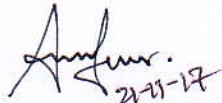
(Tanmoy Chakrabarty)
Sub-Assistant Engineer, RHD,
Road Sub Division, Nilphamari


20-11-17

(Md. Moniruzaman)
Sub-Divisional Engineer(cc), RHD
Road Sub Division, Nilphamari


20/11/17

(A. K. M. Hamidur Rahman)
Executive Engineer(cc), RHD
Road Division, Nilphamari

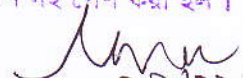

20-11-17

উপ-সহকারী প্রকৌশলী, সওজ
সড়ক সার্কেল, দিনাজপুর।


20/11/17


সহকারী প্রকৌশলী, সওজ
সড়ক সার্কেল, দিনাজপুর।

সদয় অনুমোদনের জন্য
সুপারিশ সহ পেশ করা হল।

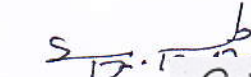

20/11/17

তত্ত্বাবধায়ক প্রকৌশলী, সওজ
সড়ক সার্কেল, দিনাজপুর।

As per recommendation of S.E. RHD, Road Circle
Dinajpur, the estimated amount of Tk. 14,02,83,551.95
(Taka Fourteen crore two Lac eighty three thousand
five hundred fifty one & panna ninety five) only is approved.
Note that a total amount of Tk. 11,01,576.00 (Taka Eleven
Lac One thousand five hundred seventy six) only for
Salvaged (deduction) materials should be deducted from
Concrete Bill/IPC.


20/11/17
Sub-Assistant Engineer, RHD
Rangpur Zone, Rangpur


20/11/17
Assistant Engineer, RHD
Rangpur Zone, Rangpur


20/11/17
Additional Chief Engineer
Rangpur Zone,

Signed
AAM

কাজী আব্দুল আল-মামুন
সহকারী প্রকৌশলী
সড়ক পরিবহন ও যান্ত্রিক বিভাগ
সড়ক পরিবহন ও সেতু মন্ত্রণালয়
গণপ্রজাতন্ত্রী বাংলাদেশ সরকার

ENGINEER'S ESTIMATE

Engineer's Estimate for Strengthening and Surfacing (by DBS wearing Course) from chainage 0+000 to 9+500 Km of Jaldhaka(Vadurdargah)-Dimla-Tunirhat (Z-5703) Road under Road Division, Nilphamari During the year 2017-2018

Location of work

Chainage 0+000 km to 9+500 km = 9.50 KM

Item Type: Division 1 : General & site Facilities.

01/02/04	Provision, Maintenance and Removal of sign Boards.	Quantity	=	2	L.S	
		@ Tk.	8849.00	L.S	=	17698.00
01/02/05	Provision and Maintenance of Survey Equipment.	Quantity	=	6	Month	
		@ Tk.	897.00	Per Month	=	5382.00
01/02/07	Progress Photographs	Quantity	=	6	Month	
		@ Tk.	1000.00	Per Month	=	6000.00
01/03/01	Provide and Removal Site Laboratory & Equipment.	Quantity	=	1	L.S	
		@ Tk.	331843.00	L.S	=	331843.00
01/03/02	Maintain Site Laboratory.	Quantity	=	6	Month	
		@ Tk.	7699.00	Per Month	=	46194.00
01/03/03	Special or Additional Test.(Payment will be made against Voucher/Bill of relevent test of materials and work from RHD Laboratory or Government recognized Laboratori)	Qty.	=	1	Provisional Sum	= 10000.00
Sub-Total Division-1						417117.00

Signed
AAM

কাজী আব্দুল আল-মামুন
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পল্লী পরিদপন ও মহাসড়ক বিভাগ
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পল্লী পরিদপন ও পল্লী মহাসড়ক

Item Type: Division 2 : Earthwork

02/06/02	Embankment Fill from borrow pit in Contractor's Arranged land.
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From attached = graph and calculation sheet

Volume of earthwork = 10890.00 Cum

@ Tk. 309.00 Per Cum = 3365010.00 ✓

02/02/03	Road way Excavation in Existing pavement (Not Reinforcement concrete)
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Ch. 0+000 to 9+500 = 2 x 9500.00 x 7.87 / 300.000 " = 498.43 Cum

@ Tk. 265.00 Per Cum = 132084.83

132083.95

Sub-Total Division-2 = 3497094.83

3497093.95

Item Type: Division 3 : Pavement work

03/01/01	Scarify, Mix and Re-Compact Existing Pavement and/or Shoulder
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Ch. 0+000 to 9+500 = 1 x 9500.00 x 5.50 x 1.000 " = 52250.00 Sqm

@ Tk. 48.00 Per Sqm = 2508000.00 ✓

03/03/01	Aggregate Base Type-I
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Ch. 0+000 to 9+500 = 1 x 9500.00 x 5.50 x 0.200 " = 10450.00 Cum

Total 9500.00 m 10450.00 Cum

@ Tk. 6566.00 Per Cum = 68614700.00 ✓

03/06/01a	Bituminous Prime Coat (Plant Placed)
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Ch. 0+000 to 9+500 = 1 x 9500.00 x 5.50 x 1.000 = 52250.00 Sqm

@ Tk. 123.00 Per Sqm = 6426750.00 ✓

03/10/02b	Dense Bituminous Surfacing - Wearing Course (Plant Method) (Bitumine Grade 60/70)
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Ch. 0+000 to 9+500 = 1 x 9500.00 x 5.50 x 0.050 = 2612.50 Cum

@ Tk. 20118.00 Per Cum = 52558275.00 ✓

03/13/01	Brick on end Edding
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Ch. 0+000 to 9+500 = 2 x 9500.00 = 19000.00 LM

@ Tk. 103.00 Per LM = 1957000.00 ✓

Sub-Total Division-3 132061725.00

Signed
A.A.M.
কাজী আব্দুল্লাহ আল-মামুন
সেতারামার
সড়ক পরিবহন ও মরসিলাক বিভাগ
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গণপ্রজাতন্ত্রী বাংলাদেশ সরকার

DIVISION-6: Incidental.

06/05/01	Road Marking-Thermoplastic Material
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Ch. 0+000 to 9+500 = ~~2 x 9500.00 x 0.10 x 1.000 = 1900.00 Sqm~~
~~1 x 9500.00 x 0.10 x 40% = 380.00 Sqm~~
 Total ~~380~~ 2280.00
 @ Tk. 1069.00 Per Sqm = 2437320.00

406220.00
 = 2437320.00

06/15/01	Concrete Guide Post (1.6m long, 200mm dia)
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Start Chainage	End Chainage	Quantity	Remarks
0+000	9+500	380 620.00 Nos.	
Total		= 380 620.00 Nos.	
		@ Tk. 2068.00 Each	= 340200.00

620400.00

06/16/01	Concrete Kilometer Post (As Per Drawing)
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Start Chainage	End Chainage	Quantity	Remarks
0+000	15+600	16.00 Nos.	
Total		= 16.00 Nos.	
		@ Tk. 8656.00 Each	= 138496.00

06/17/01b	RCC Palisiding (3m Post. 150mmX150mm)
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Start Chainage	End Chainage	Length(m)	Remarks
0+000	9+500	400.00 M	Different Location
Total		= 400.00 M	
		@ Tk. 6602.00 Per M	= 2640800.00

06/10/01	Traffic Sign
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Start Chainage	End Chainage	Length(m)	Remarks
0+000	9+500	50 20.00 Nos	Different Location
Total		= 50 20.00 Nos	
		@ Tk. 6901.00 Per Nos	= 138020.00

345050

06/10/02	Traffic Post Sign post
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Start Chainage	End Chainage	Length(m)	Remarks
0+000	9+500	50 20.00 Nos	Different Location
Total		= 50 20.00 Nos	
		@ Tk. 3073.00 Per Nos	= 61460.00

153650

4304616.00

Sub-Total Division-6	6726296.00
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Grand Total	141705232.83
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140,28,3552.69 Tk. 14,02,83551.95

20-11-17
 (Tanmoy Chakraborty)
 Sub-Assistant Engineer, RHD,
 Road Sub Division, Nilphamari

20-11-17
 (Md. Moniruzaman)
 Sub-Divisional Engineer(cc), RHD
 Road Sub Division, Nilphamari

20/11/19
 (A. K. M. Hamidur Rahman)
 Executive Engineer(cc)
 Road Division, Nilphar

Signed
 A.A.M.
 কাজী আব্দুল আল-মামুন
 সিনিয়র ইঞ্জিনিয়ার
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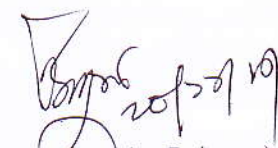
Salvaged Materials

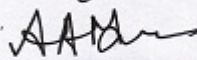
02/02/06	Deduction of value of materials recovered from Existing Road Pavement												
Ch. 0+000 to 9+500	=	2	x	9500.00	x	7.87	/	300.000	"	=	498.43	Cum	
								Say		=	498.00	Cum	
							@	Tk.	2212.00	Per	Cum		= 1101576.00

Sub-Total Division-2	=	1101576.00
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20-11-17
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Sub-Assistant Engineer, RHD,
Road Sub Division, Nilphamari


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