

## Estimate Summary

Engineer's Estimate for PMP (Road-Major) work of **Rangpur Road Division: a)** Rehabilitation, strengthening & DBST work etc. at ch.5+800 km to ch.21+460 km of Rangpur- Barabari- Kurigram (N-506) Road, **b)** DBST work at ch.50+060 km to ch.59+150 km of Gaibandha-Sundargonj-Kadamtoli(Pirgacha) (Z-5613) Road, **c)** Surfacing work by DBS Wearing Course at Ch. 0+000 km to ch.3+900 km of Police line (Chiriakhana) - Jalkar- Sotapir- Pakarmatha Road (Z-5019) And **For Lalmonirhat Road Division: d)** Surfacing work by DBS-Wearing Course and Strengthening by aggregate Base Type -I work at ch.20+830km to ch.22+00 km & ch.46+940 km to ch.49+940 km of Barabari-Lalmonirhat-Burimari National Highway (N-509) & **e)** Surfacing work by DBS-Wearing Course at Approach of Tista Bridge & ch.34+590 km To Ch.37+740 km of Rangpur - Barabari-Kurigram National Highway (N-506) during the year 2017-2018.

Total working length: For Rangpur Road Division = (15.66+9.09+3.9)	km = 28.65 km
For Lalmonirhat Road Division = (4.17+4.27)	km = 8.44 km
	= 37.09 km

### Division-1 (General & Site

Item Code	Item Description	Quantity	Unit	Rate (Tk.)	Amount (Tk.)
1/02/04	Provision, Maintenance and Removal of Sign Boards.	6	Lump Sum	8849.00	53094.00
1/02/07	Progress Photographs	6	Month	1000.00	6000.00
1/03/01	Provided and Remove Site Laboratory & Equipment.	1	Lump Sum	331843.00	331843.00
1/03/02	Maintain Site Laboratory.	6	Month	7699.00	46194.00
Sub Total of Division-1 (General & Site Facilities) =					437131.00

### Division -2 Earthwork

Item Code	Item Description	Rangpur Road Division	Lalmonirhat Road Division	Total Quantity	Unit	Rate (Tk.)	Amount (Tk.)
2/01/01	Clearing and Grubbing	4860.000	0.000	4860.000	Sqm	45.00	218700.00
2/02/02	Roadway Excavation in suitable soil	3645.000	0.000	3645.000	Cum	171.00	623295.00
2/02/01	Roadway excavation in unsuitable soil	1423.500	0.000	1423.500	Cum	171.00	243418.50
2/02/03	Roadway Excavation in Existing pavement (Not reinforced concrete)	423.620	0.000	423.620	Cum	265.00	112259.30
2/06/02	Embankment fill from borrow pit in contractor's Arranged land	7659.000	0.000	7659.000	Cum	309.00	2366631.00
2/06/03	Sand Backfill for Swamp	657.000	0.000	657.000	Cum	468.00	307476.00
2/07/01	Preparation of Sub Grade 300mm depth	5955.000	0.000	5955.000	Sqm	69.00	410895.00
2/08/01	Improved Subgrade	1896.000	0.000	1896.000	Cum	916.00	1736736.00
2/10/01	Construction of Soil Earthen Shoulder	0.000	4671.000	4671.000	Cum	259.00	
Sub Total of Division-2 (Earthwork) =							

Signed

A.A.M.

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



### Division - 3 (Pavement Work)

Item Code	Item Description	Rangpur Road Division	Lalmonirhat Road Division	Total Quantity	Unit	Rate (Tk.)	Amount (Tk.)
3/01/01	Scarify, Mix and Recompact Existing Pavement and/or shoulder.	23053.000	550.000	23603.000	Sqm	48.00	1132944.00
3/01/02	Repair of Potholes on the Existing Pavement.	146.390	76.569	222.959	Cum	15733.00	3507813.95
3/02/01	Sub-Base.	1543.500	0.000	1543.500	Cum	4361.00	6731203.50
3/03/01	Aggregate Base Type -I.	4503.350	82.500	4585.850	Cum	6566.00	30110691.10
3/06/01	Bituminous prime coat ( plant placed)	29008.000	550.000	29558.000	Sqm	123.00	3635634.00
3/07/01	Bituminous Tack Coat (Plant Work).	15878.850	51596.000	67474.850	Sqm	46.00	3103843.10
3/08/01	Primer seal	7107.000	0.000	7107.000	Sqm	111.00	788877.00
3/09/02	DBST (20mm nominal size aggregate followed by 10mm (Machine Method) (Bitumen grade 60/70)	135110.000	0.000	135110.000	<del>Sqm</del> Cum	407.00	54989770.00
3/10/01	Dense Bituminous Surfacing-Base Course (Plant Method) (Bitumen Grade-60/70)	341.900	38.500	380.400	Cum	19906.00	7572242.40
3/10/02	Dense Bituminous Surfacing-Wearing Course (Plant Method) (Bitumen Grade-60/70)	1382.020	2579.800	3961.820	Cum	20118.00	79703894.76
3/11/01	Premix Bituminous Carpeting	370.467	61.320	431.787	Cum	16224.00	7005312.29
3/13/01	Brick on End Edging	10311.000	200.000	10511.000	LM	103.00	1082633.00
Sub Total of Division-3 (Pavement Work) =							199,364,859.10

### Division - 6 (Incidental)

Item Code	Item Description	Rangpur Road Division	Lalmonirhat Road Division	Total Quantity	Unit	Rate (Tk.)	Amount (Tk.)
5/05/01	Road Marking-Thermoplastic Materials (spray application)	6797.700	451.840	7249.540	Sqm	1069.00	7749758.26
5/10/01	Traffic Signs	20.000	12	32	Nos	6901.00	220832.00
5/10/02	Traffic Post	23.000	12	35	Nos	3073.00	107555.00
5/15/01	Concrete Guide Post (1.6m long, 200mm dia)	12.000	0	12	Nos	2068.00	24816.00
5/16/01	Km Post (As per drawing)	3.000	0	3	Nos	8656.00	25968.00
5/18/01	Protective work (RCC Toe wall)	100.000	0.000	100.000	M	10243.00	1024300.00
Sub Total of Division-6 (Incidental) =							9153229.26

**Grand Total = 216,184,419.16**

### Deduction Item-

Item Code	Item Description	Rangpur Road Division	Lalmonirhat Road Division	Total Quantity	Unit	Rate (Tk.)	Amount (Tk.)
2/2/06	Deduction of Value of Materials Recovered from existing Road Pavement. (Deduction from item code 02/02/03)	-424.000	0.000	-424.00	Cum	2212.00	-937888.00

*(Signature)*  
28-09-17  
(মোঃ ইজাজুল হক)  
পরিচিতি নং-৭০০১১১  
উপ-সহকারী প্রকৌশলী, সওজ,  
রংপুর সড়ক সার্কেল, রংপুর।

(আবদুর রহমান)  
পরিচিতি নং-  
তত্ত্বাবধায়ক প্রকৌশলী,  
রংপুর সড়ক সার্কেল

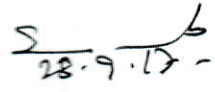
*(Signature)*  
Signed  
AAH  
কাজী আবদুল আল-মামুন  
প্রোগ্রামার  
সড়ক পরিবহন ও যান্ত্রিক বিভাগ  
সড়ক পরিবহন ও সেতু মন্ত্রণালয়  
গণপ্রজাতন্ত্রী বাংলাদেশ সরকার

As per recommendation of SE, RHD, Road Circle Rangpur the estimated amount of Tk. 21,61,84,419.16 (Taka Twenty one crore sixty one lac eighty four thousand four hundred nineteen & paise sixteen) only is approved.

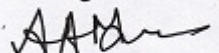
Note that a total amount of Tk. 9,37,888.00 (Taka Nine lac thirty seven thousand eight hundred eighty eight) for salvaged (deduction) materials should be deducted from concern Bill / IPC.

  
24/5/24  
Sub-Assistant Engineer, RHD,  
Rangpur Zone, Rangpur.

  
24/05/24  
Assistant Engineer, RHD,  
Rangpur Zone, Rangpur.

  
28.9.17  
Additional Chief Engineer, RHD,  
Rangpur Zone, Rangpur.

Signed



কাজী আব্দুল আল-মামুন  
যোগাযোগ  
সড়ক পরিবহন ও মরাদ্দকৃত বিভাগ  
সড়ক পরিবহন ও সেতু মন্ত্রণালয়  
গণপ্রজাতন্ত্রী বাংলাদেশ সরকার