

Schedule-H
(See Clauses 10.1.4 and 19.3)

Contract Price Weightages

- 1.1 The Contract Price for this Agreement is _____
- 1.2 Proportions of the Contract Price for different stages of Construction of the Project Highway shall be as specified below:

Table 1.2

Item	Weightage in percentage to the Contract Price	Stage for Payment	Percentage weightage	
Road works including culverts, minor bridges, underpasses, overpasses, approaches to ROB/RUB/ Major Bridges/ Structures (but excluding service roads)	14.75 %	A- Widening and Strengthening of existing road		
		(1) Earthwork up to top of the sub-grade	0 %	
		(2) Granular work (sub-base, base, shoulders)	0 %	
		(3) Dense Bituminous Macadam (DBM)	0%	
		(4) Bituminous Concrete	0%	
		(5) Widening & repair of culverts	0%	
		(6) Widening & repair of minor bridges	0%	
		(B) New 2-lane realignment/ bypass		
		1. Earthwork up to top of the sub-grade	1.67 %	
		2. Granular work (sub-base, base, shoulders)	5.85 %	
		(3) Dense Bituminous Macadam (DBM)	2.05%	
		(4) Bituminous Concrete	1.51%	
		(C) New culverts, minor bridges, underpasses, overpasses on existing road, realignments, bypasses:		
		(1) Culverts	Box culverts Pipe culverts	3.53 % 0.14%
(2) Minor bridges		0 %		
Major Bridge works and ROB/RUB	82.50 %	A- New Major Bridges		
		(i) Foundation	24.04%	
		(ii) Substructure	3.17%	
		(iii) Superstructure (including crash barriers etc. complete)	55.29%	
Other works	2.75%	(i) Road side Drains	Lined Un-lined	0.05% 0.01%
		(ii) Miscellaneous (Junction Improvement)		0.15%
		(iii) Cross Road		1.73%
		(iv) Traffic signs, markings, km stones and Road appurtenances....		0.70
		(v) Bus Bays and Bus shelter		0.11%

1.3 Procedure for estimating the value of work done

- 1.3.1 Road works including culverts, minor bridges, approaches to minor bridges, Major Bridges and structures (excluding service roads).

Procedure for estimating the value of road work done shall be as follows:

Table 1.3.1

Stage of Payment	Percentage – weightage	Payment Procedure
A- Widening and strengthening	0 %	Unit of measurement is linear length. Payment of each stage shall be made on pro- rata basis on completion of a stage in a length not less than 10 (ten) percent of the total length.
(1) Earthwork up to top of the sub-grade	0%	
(2) Granular work (sub-base, base, shoulders)	0 %	
(3) Dense Bituminous Macadam (DBM)	0%	
(4) Bituminous Concrete (BC)	0%	
B- New 2-lane realignment, bypass		Unit of measurement is linear length. Payment of each stage shall be made on pro- rata basis on completion of a stage in full length or 5 (five) km length.
(1) Earthwork up to top of the sub-grade	1.67%	
(2) Granular work (sub-base, base, shoulders)	5.85%	
(3) Dense Bituminous Macadam (DBM)	2.05%	
(4) Bituminous Concrete (BC)	1.51%	
C- New culverts, minor bridges, underpasses, overpasses on existing road, realignments, bypasses:		Cost of each culvert shall be determined on pro- rata basis with respect to the total number of culverts.
(1) Culverts		
	Box Culvert	3.53%
	Pipe Culvert	1.54%
(2) Minor bridges	0 %	Cost of each minor bridge shall be determined on pro- rata basis with respect to the total numbers of the minor bridges. Payment shall be made on the completion of a minor bridge.

@ For example, if the total length of bituminous work to be done is 100 km, the cost per km of bituminous work shall be determined as follows:

$$\text{Cost per km} = P \times \text{weightage for road work} \times \text{weightage for bituminous work} \times (1/L)$$

Where P = Contract Price

L = Total length in km

Similarly, the rates per km for stages (1), (2) and (4) above shall be worked out.

1.3.2 Major Bridge works and ROB/RUB

Procedure for estimating the value of major bridge works and of ROB/RUB shall be as stated in table 1.3.2:

Table 1.3.2

Stage of payment	Weightage	Payment procedure
A- Construction of New Major Bridge		
(1) Foundation: On completion of the foundation work including foundations for wing and return walls.	24.04%	Payment shall be eligible for completion of each linear depth of 10 m (in unit if 10 m length) of foundation. Payment shall be made on

Construction of Extra dosed RCC Bridge including viaduct and approaches over river Feni at Sabroom on Indo-Bangladesh Border on NH-8 in the state of Tripura on EPC mode.

		pro-rata basis with respect to total linear depth of foundation for 90% of total foundation cost. Balance 10% shall be released on completion of foundation in all respect including bottom plug and well cap. Payment of foundation of abutment shall be made on completion in all respect including foundation for wing wall and return wall. Cost of each Major Bridge shall be determined on pro rata basis in respect to the total linear length (m) of the major bridges. Payment shall be made on completion of each stage of a Major bridge as per the weightage given in this table.
(2) Sub-structure: On completion of abutments, piers up to the abutment/pier cap.	3.17%	Payment shall be eligible for completion of each pier/ abutment. Each payment shall be made on pro-rata basis for 90% cost of total cost of sub-structure. Balance 10% shall be paid on completion of pier/ abutment in all respect including pier/ abutment cap, wing walls, return walls etc.
(3) Super-structure: On completion of the super structure in all respects including guide bunds if any, hand rails/crash barriers; wing walls, return walls, tests on completion etc. complete in all respects and fit for use.	55.29%	Payment shall be eligible on completion of an individual span. Payment shall be made on pro-rata basis completed span wise with respect to the total linear length (m) of the bridge.

1.3.3 Other works.

Procedure for estimating the value of other works done shall be as stated in table 1.3.3:

Table 1.3.3

Stage of Payment		Weightage	Payment Procedure
(i) Road side drains	Lined Drains	0.05 %	Unit of measurement is linear length in km. Payment shall be made on pro-rata basis on completion of a stage in a length of not less than 10% (ten per cent) of the total length.
	Unlined drains	0.01%	
(ii) Cross Road		1.73 %	Payment shall be made on pro rata basis for completed items.
(iii) Traffic signs, markings and road appurtenances		0.70%	
(iv) Bus Bays and Bus Shelter		0.11%	
(v) Miscellaneous (Junction Improvement)		0.15%	Unit of measurement is Number.

2. Procedure for payment for Maintenance

2.1 The cost for maintenance shall be as stated in Clause 14.1.1.

2.2 Payment for Maintenance shall be made in quarterly installments in accordance with the provisions of Clause 19.7.

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