

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 to Particular item(col:2)	
Road works including culverts, minor bridges, Underpasses, overpasses, approaches to ROB/RUB/ Major Bridges/ Structures (but excluding service roads)	78.925 %	A- Widening of Existing 2-lane alignment		
		(1) Earthwork up to top of the sub-grade	13.671 %	
		(2) Granular work (sub-base, base, shoulders)	32.548 %	
		(3) Bituminous work	BM (20.362%)	36.047%
			DBM (50.822%)	
			BC (28.816%)	
		4. Widening & repair of minor bridges	3.043 %	
		5. Construction of 2 lane flyover approaches	5.010%	
		(B) New culverts, minor bridges, underpasses, overpasses on existing road, realignments, bypasses:		
		(1) Culverts	4.166 %	
(2) Minor bridges	5.515 %			
Structures (elevated sections)	11.923 %	A- 2 Lane Flyover		
		(i) Foundation	41.686%	
		(ii) Substructure	12.646%	
		(iii) Superstructure	45.668%	
Other works	9.152%	(i) Service Road/slip roads	54.135%	
		(ii) Road side Drain	24.117%	
		(iii) Traffic sign	0.699%	
		(iv) Pavement Marking	1.217%	
		(v) Guard Post	0.142%	
		(vi) Boundary stone, km stones, 5th km stones and hectometer stones	0.106%	
		(vii) Traffic blinker LED, Delineators, stud, reflective pavement marker, tree reflector	0.197%	
		(viii) Traffic island	2.187%	
		(ix) Kerbs	2.512%	
		(x) Kerbs with Channel	2.167	
		(x) Bus Bays and Bus shelter	1.241%	
		(xi) Truck Lay bye	0.867%	
		(xi) Road side plantation and median plantation	0.621 %	
		(xii) River side protection works including construction of flexible aprons, boulder pitching and filter media on slopes	3.645%	
(xiii) Junctions	6.147%			

1.3 Procedure for estimating the value of work done

4 Laning of NH 37 from Rangagara to Kaliabor Tiniali (Ch: 297.000 km to Ch: 315.315 km of NH 37) in Nagaon District in the state of Assam on Engineering, Procurement and Construction (EPC) basis.

1.3.1 Road works including culverts, minor bridges, approaches to minor bridges but excluding Major Bridges, service roads and other miscellaneous work.

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- Existing 2-lane alignment (1) Earthwork up to top of the sub-grade	13.671 %	Unit of measurement is linear length in km (2 lane equivalent). Payment of each stage shall be made on pro-rata basis on completion of a stage in full length or 3 (three) km length.
(2) Granular work (sub-base, base, shoulders)	32.548 %	
(3)Bituminous work	36.047%	
BM (20.362%)		
DBM (50.822%)		
BC (28.816%)		
(4) Widening & repair of minor bridges	3.043 %	Cost of each minor bridge shall be determined on pro-rata basis with respect to the total linear length of the minor bridges. Payment shall be made on the completion of a minor bridge.
(5) Construction of 2 lane flyover approaches	5.010%	Unit of measurement is linear length in km (2 lane equivalent). Payment of each stage shall be made on pro-rata basis on completion of a stage in full length or 3 (three) km length.
C- New culverts, minor bridges, underpasses, overpasses on existing road, realignments, bypasses: (1) Culverts	4.166 %	Cost of each culvert shall be determined on pro-rata basis with respect to the total number of culverts. Payment shall be made on the completion of five culverts.
(2) Minor bridges	5.515 %	Cost of each minor bridge shall be determined on pro-rata basis with respect to the total linear length 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.

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1.3.2 Structures (2 lane Flyover)

Procedure for estimating the value of structure work shall be as stated in table 1.3.2:

Table 1.3.2

Stage of payment	Weightage	Payment procedure
A- Construction of 2 Lane Flyover		
(1) Foundation: On completion of the foundation works including foundations for wing and return walls.	41.686%	Cost of each structure shall be determined on pro rata basis in respect to the total linear length (m) of all the structures. Payment shall be made on completion of each stage of a structure as per the weightage given in this table.
(2) Sub-structure: On completion of abutments, piers up to the abutment/pier cap.	12.646%	
(3) Super-structure: On completion of the Structure along with super structure, including hand rails/crash barriers, wing walls, return walls, tests on completion etc., elevated structure complete in all respects and fit for use.	45.668%	

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) Service Road/slip roads	54.135%	Unit of measurement is linear length in km (2 lane equivalent). Cost per km shall be determined on pro- rata basis with respect to the total length of the service roads. Payment shall be made for completed service road in a length of not less than 20 (twenty) percent of the total length of service roads.
(ii) Road side Drain	24.117%	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.
(iii) Traffic sign	0.699%	
(iv) Pavement Marking	1.217%	Payment shall be made for completed items
(v) Guard Post	0.142%	
(vi) Boundary stone, km stones, 5th km stones and hectometer stones	0.106%	
(vii) Traffic blinker LED, Delineators, stud, reflective pavement marker, tree reflector	0.197%	
(viii) Traffic island	2.187%	
(ix) Kerbs	2.512%	
(x) Kerbs with Channel	2.167	
(x) Bus Bays and Bus shelter	1.241%	
(xi) Truck Lay bye	0.867%	
(xi) Road side plantation and median plantation	0.621 %	
(xii) River side protection works including construction of flexible aprons, boulder pitching and filter media on slopes	3.645%	Unit of measurement is linear length. 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.

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(xiii) Junctions	6.147%	Unit of measurement is Number. Payment shall be made on pro-rata basis on completion of a stage in a number of not less than 10% (ten per cent) of the total Number.
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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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