

Schedule-H
(See Clauses 10.1.4 and 19.3)
Contract Price Weightages

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

Item	Weightage in percentage to the Contract Price	Stage for Payment	Percentage weightage
1	2	3	4
Road works including culverts, minor bridges, Underpasses, overpasses, approaches to ROB/RUB/ Major Bridges/ Structures (but excluding service roads)	24.543%	A-New 4-lane realignment/ bypass	
		(1) Earthwork up to top of the sub-grade	25.106%
		(2) Granular work (sub-base, base, shoulders)	27.176%
		(3) Bituminous work	DBM 18.250%
			BC 8.562%
		B-New culverts, minor bridges, underpasses, overpasses on existing road, realignments, bypasses:	
		(1) Culverts	13.801%
		(2) Minor bridges	7.105%
Major Bridge works and ROB/ RUB	25.201%	A-New major bridges	
		(1) Foundation	46.16%
		(2) Sub-structure	5.41%
		(3) Super-structure (including crash barriers etc. complete)	48.43%
Structures (elevated sections, reinforced earth)	5.978%	A-Fly over	
		(1) Foundation	21.207%
		(2) Sub-structure	12.531%
		(3) Super-structure (including crash barriers etc. complete)	66.262%
Other works	44.278%	(i) Service Road	4.370%
		(ii) Road side drains	2.601%
		(iii) Road signs, markings, km stones, Boundary stones, safety devices etc.	1.432%
		(iv) Road side plantation	0.061%
		(v) River Training Works	
		(a) Guide Bund	27.352%
		(b) Embankment	55.043%
		(c) Channel Closing Dyke	8.673%
		(vi) Safety and traffic management during construction	0.281%
		(vii) Miscellaneous items	0.187%

- 1.3 Procedure of estimating the value of work done.
1.3.1 Road works including 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 for Payment		Percentage weightage	Payment Procedure
A-New 4-lane realignment/ bypass			Unit of measurement is linear length for two lane. 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		25.106%	
(2) Granular work (sub-base, base, shoulders)		27.176%	
(3) Bituminous work	DBM	18.250%	
	BC	8.562%	
B-New culverts, minor bridges, underpasses, overpasses on existing road, realignments, bypasses:			
(1) Culverts		13.801%	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		7.105%	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:

Cost per km = P x weightage for road work x weightage for bituminous work x (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 for Payment		Percentage weightage	Payment Procedure
A-New major bridges			
(1) Foundation: On completion of the foundation work including foundations for wing walls and return walls.		46.16%	Payment shall be eligible for completion of each linear depth of 10 m (in unit of 10 m length) of foundation. Payment shall be made on 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 walls and return walls.
(2) Sub-structure: On completion of abutment, piers up to the abutment/ pier cap		5.41%	Payment shall be eligible on 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 hand rails/crash barriers, wing walls, return walls, road furniture works, tests on completion etc., complete in all respects.	48.43%	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.
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1.3.3 Structures (Fly over):

Stage for Payment	Percentage weightage	Payment Procedure
A-Fly over		Cost of each structure shall be determined on pro-rata basis with respect to the total linear length (m) of the structures. Payment shall be made on completion of each stage of a structure as per the weightage given in this table.
(1) Foundation: On completion of the foundation work including foundations for wing walls and return walls.	21.207%	
(2) Sub-structure: On completion of abutment, piers upto the abutment/pier cap, wing walls, return walls if any.	12.531%	
(3) Super-structure: On completion of the Structure along with super structure, including hand rails/crash barriers, tests on completion etc., elevated structure complete in all respects and fit for use.	66.262%	

1.3.4 Other works.

Procedure for estimating the value of other works done shall be as stated in table 1.3.4:
Table 1.3.4

Stage for Payment	Percentage weightage	Payment Procedure
(i) Service Road	4.370%	Unit of measurement is linear length in km. 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 drains	2.601%	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) Road signs, markings, km stones, Boundary stones, safety devices etc.	1.432%	
(iv) Road side plantation	0.061%	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.
(v) River Training/ Protection Works		
(a) Guide Bund	27.352%	
(b) Embankment	55.043%	
(c) Channel Closing Dyke	8.673%	
(vi) Safety and traffic management during construction	0.281%	Payment shall be made on pro-rata basis every six months.
(vii) Miscellaneous items (traffic management during execution, EMP, laying tiles on kerbs, etc)	0.187%	Payment shall be made on pro rata basis on completed items.

1. 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.