

**Himachal Pradesh
Public Works Department**

No.:- PW (R) 71(Bridges)-WS/ **9530-9632**
From:-

Dated:- **18/02/2021**

Engineer-in-Chief,
HPPWD Shimla-2

To

The Engineer-in-Chief (Project),
HPPWD Shimla-02

All the Zonal Chief Engineers
In HPPWD (i/c NH, PMGSY & HPRIDC)

All the Superintending Engineers
In HPPWD

All the Executive Engineers
In HPPWD

Subject:- Yard stick rates per metre span of bridges for preparation of preliminary estimates.

In supersession to this office letter No. PW (R) 71-43/95-WS/-9202-9300 dated 29-06-1999 on the subject cited above; the yard stick rates per metre span of bridges for framing preliminary estimates are hereby revised as under which will be applicable with immediate effect in HPPWD. The revision had become necessary due to substantial escalation in prices of materials and hike in labour rates since June, 1999.

Revised Yard stick rates per metre span of bridges:-


Sr. No.	Description	Revised Yard stick rate per Rmt (Rates inclusive of GST) (Rs)	Remarks
1	Vented causeway/ box culverts		The rates are for bridges resting on bed blocks or abutments/piers having average height from founding level to deck level not more than 6.00 m
	(a) 6.00 m wide roadway	133000	
	(b) 7.50 m wide roadway (double lane)	163000	
2	R.C.C. bridges from 9.00 m to 22.00 m single span or multiple thereof		
	(a) 4.25 m clear roadway (single lane)	177000	
	(b) 7.50 m clear roadway (double lane)	266000	
	(c) 7.50 m clear roadway (double lane) with footpaths	304000	
3	Pre-stressed concrete/steel bridges from 22.00 m to 35.00 m span or multiple thereof		
	(a) 4.25 m roadway (single lane)	192000	
	(b) 7.50 m roadway (double lane)	325000	
	(c) 7.50 m clear roadway (double lane) with footpaths	371000	
4	Pre-stressed concrete/steel bridges from 35.00 m to 68.00 m single span or multiple thereof		
	(a) 4.25 m roadway (single lane)	266000	
	(b) 7.50 m roadway (double lane)	413000	
	(c) 7.50 m clear roadway (double lane) with footpaths	472000	

P.T.O.

Sr. No.	Description	Revised yard stick rate per Rmt (Rates inclusive of GST) (Rs)	Remarks
5	Aerial ropeway or other foot bridges		The rates are for bridges resting on bed blocks or abutments/piers having average height from founding level to deck level not more than 6.00 m
	(a) 1.8 m roadway width	95000	
	(b) 2.40 m road way (jeepable)	153000	
6	Suspension bridges 4.25 m clear roadway (single lane)	177000	

Notes: -

- An increase of 25% may be taken in the above rates for bridges having average height above 6 m but not more than 12 m from founding level to deck level with all open foundations.
- An increase of 50% may be taken in the above rates for bridges having average height above 12 m from founding level to deck level with all open foundations.
- An increase of 70% may be taken in the above rates for bridges having average height not more than 22 m from founding level to deck level and with well foundations not more than two (2) numbers.
- An increase of 90% may be taken in the above rates for bridges having average height more than 22 m from founding level to deck level and with well foundations more than two (2) numbers.
- An increase of 100% may be taken in the above rates for bridges having average height more than 22 m from founding level to deck level.
- The provision of approach road should be taken on actual site requirement basis or up to a length of 50 m on either side including metalling and tarring.
- Provision for flood protection works, if required, should be taken separately.
- For aesthetics and land scaping including wayside amenities, provision @1% of the preliminary estimate(s) should be taken.
- 1% provision for hill slope protection be taken in the estimate(s).
- 2% provision for structural design including as-built drawings and 1% provision for proof checking be taken in the estimate(s).
- For geotechnical investigation, a provision of Rs 3.00 lac may be kept for bridges up to 68 m span and of Rs 6.00 lac may be kept for bridges beyond 68 m span in the estimate(s).
- The hydraulic data for the bridge should invariably precede the preliminary estimates so that proposal drawings can be got prepared for basing the estimate.
- For tribal areas, the rates/cost be enhanced @ 10%.
- The rates @ 5% may be enhanced for each financial year taking the base year 2021-22 till further revision of these rates.


Engineer-in-Chief,
HPPWD Shimla-2

Copy to :-

- The Additional Chief Secretary (PW) to the Govt. of Himachal Pradesh Shimla-2 for information please.
- The Executive Engineer (IT) in this office for information and with the request to upload the same on the official departmental website please.

Engineer-in-Chief,
HPPWD Shimla-2