



**Government of West Bengal  
Irrigation & Waterways Department  
Jalasampad Bhavan, 3rd Floor, Western Block  
Bidhannagar, Salt Lake City, Kolkata 700091**

**Memo No. 128 – I**  
**I/4M-01/2017**

**Dated, 6th April 2017**

**From: D SenGupta**  
Joint Secretary to the  
Government of West Bengal

**To: The Chief Engineer (West)**  
Irrigation & Waterways Directorate  
PO Sadhanpur (Near Polytechnic)  
District Burdwan – 713101

**Sub: Modalities for according permission to construction of temporary bridges for plying of sand filled trucks over rivers, canals and channels.**

The undersigned is directed to state that modalities to be followed for construction of temporary bridges stated above have been detailed in the enclosed Annexure, as mentioned below.

Annex – I : Standard Application Form to be filled up by the Applicant seeking permission of construction of temporary bridges.

Annex – II : Standard Operating Procedure (SOP) in regard to according permission to such bridges.

Annex – III : Guiding principles to be followed by the Departmental Officers, while according permission.

Annex – IV : Standard format of undertaking to be submitted by the Applicant in the form of Affidavit.

2. These may be used henceforth for according permission of the temporary bridges.

*D SenGupta*  
Joint Secretary to the  
Government of West Bengal

Encl. Annexure I, II, III & IV

**No.128/1 – I**

**Dated, 6th April 2017**

Copy with copy of Annexure forwarded for information to:

✓ Sri S Saha / Deputy Director  
Advance Planning, Project Evaluation & Monitoring Cell  
Irrigation & Waterways Directorate

– with a request to upload the copy of the letter and Annexure in the departmental website.

*D SenGupta*  
Joint Secretary to the  
Government of West Bengal

Encl. as stated

**Application Form for construction of temporary bridges over rivers / drainage channels / canals, to be done by private persons / entities (other than Government Departments / Organisations / Undertakings) for transportation of sand**

1. Name & Contact details of the Applicant.

• Name	:	_____
• Status	:	Individual / Authorised Signatory for ▶ Firm ▶ Company ▶ Society (Please tick)
• Name of Firm/Company/Society (If applicable, otherwise mention 'NA')	:	_____
• Address	:	_____
• Landline No. _____	• Mobile No. _____	
• E-mail ID _____		_____

2. Name of the river / channel / canal over which the temporary bridge is proposed.

• Name of the ▶ River	:	_____
▶ Channel	:	_____
▶ Canal	:	_____

3. Location of the temporary bridge.

• Mouza / Village / Locality	:	_____
• Gram Panchayat / Municipal Ward	:	_____
• Panchayat Samity / Municipality	:	_____
• Police Station	:	_____
• District	:	_____

4. Appropriate geo-referencing of the location.  
(optional)

• Latitude	:	_____
• Longitude	:	_____

5. Reference number and date of letter of NoC of the Lease / Licence granting authority regarding construction of the temporary new bridge. Such authority should be District Land & Land Revenue Office (DL & LRO) of the concerned District. Copy of Lease Deed / Licence Agreement also to be attached.

• Ref No.	:	_____
• Date	:	_____

6. Justification of the proposal of the new temporary bridge (within 3 lines / sentences).

7. Type of proposed temporary bridge envisaging plying of sand filled trucks / other vehicles.

- Wooden bridge on bullah piling
- Wooden bridge on steel joist piling
- Steel bailey bridge on bullah or steel Joist piling  
(Please Tick)

8. Expected load carrying capacity of the temporary bridge.

• \_\_\_\_\_ metre

9. Total length and width of the proposed temporary bridge.

- Length : \_\_\_\_\_ metre
- Carriageway width : \_\_\_\_\_ metre

10. Distance of the nearest bridge (permanent or temporary) in upstream and downstream from the proposed bridge location.

- Upstream : \_\_\_\_\_ km
- Downstream : \_\_\_\_\_ km

11. Attach the scanned copies of the following:

- Index plan preferably drawn on mouza map, showing the proposed bridge.
- Letter of Local Authority according NoC (vide SI.5) and copy of the Lease Agreement / Licence Deed.
- General Arrangement Drawing of the temporary bridge prepared by a technical person showing –
  - Plan
  - Elevation
  - Typical cross section of the structure, superimposed on the river / channel / canal section

Authorised Signatory

- Note:
- 1 Standard Operating Procedure (SOP) for processing the application has been detailed at [Annex-II](#).
  - 2 Guiding principles to be followed in the Irrigation & Waterways Department to accord permission for construction of temporary bridge over rivers / drainage channels / irrigation canals may be perused at [Annex-III](#).
  - 3 Standard format of undertaking to be submitted by the Applicant is at [Annex-IV](#).

**Standard Operating Procedure (SOP) in regard to according permission by the Irrigation & Waterways Department to private persons / entities for construction of temporary bridge over rivers / drainage channels / irrigation canals for carrying sand filled trucks**

1. Application Form along with standard format of undertaking may be collected from the office of the concerned Executive Engineer, Irrigation & Waterways Department. The said Form after duly been filled up and attaching scanned copies of the relevant documents mentioned in the Form, shall be submitted to the said office in person. Scanned copy of undertaking as per the standard format (vide Annexure-IV) in the form of Affidavit in ₹ 50 Non Judicial stamp paper and affirmed before any Ld. Judicial Magistrate shall also be submitted along with Application Form.
2. The concerned Executive Engineer will examine the proposal prima-facie, particularly in the context of the guiding principles laid down in Annex-III and convey his decision on construction of the temporary bridge, as well as the drawing, and indicate the assessed cost of the bridge as per original / modified drawing **within 14 (Fourteen) days**, in writing.
3. If the decision of the Executive Engineer conveys concurrence / no objection for construction of the temporary bridge, the applicant will simultaneously be asked to deposit the security money, amounting to 20% of the cost assessed by the Executive Engineer.
4. The applicant will deposit the said amount preferably through Bank Draft on any scheduled Bank in favour of the said Executive Engineer **within 3 (Three) working days** from receipt of in-principle concurrence / no-objection for construction of such temporary bridge. Such draft is to be deposited by the Executive Engineer in the treasury linked Bank in TR-7 against the head of account: '8443 – 00 – 108 – 004'. In case of refund of the said Security Deposit, bill is to be drawn by the Executive Engineer in Form 70C.
5. Thereafter formal permission and go-ahead order will be accorded by the concerned Executive Engineer of the Irrigation & Waterways Department to the applicant, with copy of endorsement to all concerned including his Superintending Engineer, Chief Engineer and Lease / Licence issuing authority in the District, **within 3 (Three) working days**. Location of ramp for crossing over embankments, if required, will also be stated in the formal permission and go-ahead order.
6. The applicant on receipt of that 'go ahead' order may start the construction work of the temporary bridge.

**Guiding principles to be followed in the Irrigation & Waterways  
Department to accord permission to the private persons /  
entities for construction of temporary bridge over  
rivers / drainage channels / irrigation canals  
for carrying sand filled trucks**

1. Permission to private persons / companies / organisations to construct temporary bridges across rivers / channels / canals would only be accorded subject to fulfilment of all the following conditions:
  - i) The proposed temporary bridge will not cause any encroachment / restriction on the existing waterway. Spans of the bridge should be sufficiently long to minimise accumulation of water hyacinth or debris coming with flowing water at support locations.
  - ii) The applicant abides by the terms and conditions of the standard undertaking as per Annex-IV.
  - iii) Construction of the temporary bridge cannot be taken up before 11<sup>th</sup> November and restoration of the channel section at the zone of construction by removing debris, bundhs, etc. will be done once the construction is over. The temporary bridge will totally be dismantled, super and sub-structure parts and approach totally removed and channel section cleared of all sorts of obstructions, latest by 7<sup>th</sup> June every year, or earlier if notified by the concerned Executive Engineer of the I&WD or his subordinate officers, so as to ensure smooth flow of monsoon discharge through the river channel during the period from 7<sup>th</sup> June to 31<sup>st</sup> October, or as may be notified by the abovesaid authorities.
  - iv) Construction of the proposed temporary bridge and associated approach path / road or ramp for crossing over the embankment will not cause any permanent damage to embankments or other infrastructures / assets of the I&WD.
2. Decision of the I&WD will be final and binding on the applicant.

**Standard format of undertaking to be submitted by the Applicant in the form of Affidavit in ₹ 50.00 Non Judicial stamp paper, to be affirmed before any Ld. Judicial Magistrate in connection with construction of temporary bridge over rivers / drainage channels / irrigation canals, for abiding by during construction as well as in the post construction period**

I, (mention name of the Applicant and full particulars regarding father's name, address, PAN No. and profession, etc.), having been duly authorised by (name of the Entity), do hereby agree to abide by the terms and conditions mentioned hereunder in connection with construction of a temporary bridge over \_\_\_\_\_ (name of river / channel / canal) at \_\_\_\_\_ (name of village / locality), Gram Panchayat \_\_\_\_\_ / Ward No. \_\_\_\_\_ of \_\_\_\_\_ Municipality / Municipal Corporation, Police Station \_\_\_\_\_, District \_\_\_\_\_.

1. Construction of the temporary bridge will be as per General Arrangement Drawing (GAD) prepared and submitted by the undersigned.
2. Concerned Executive Engineer of the I&WD, holding jurisdiction in the area of construction of the temporary bridge or his authorised representative will reserve the right to inspect the temporary bridge during construction and to stop the construction in case there is deviation from the approved drawing of I & W Department, affecting waterway or other hydrological parameters of the river / channel / canal or safety of the structure.
3. Responsibility for structural safety of the temporary bridge during and after construction will solely remain vested on the undersigned.
4. Construction of the temporary bridge cannot be taken up before 11<sup>th</sup> November and restoration of the channel section at the zone of construction by removing debris, bundhs, etc. will be done once the construction is over. The temporary bridge will totally be dismantled, super and sub-structure parts and approach totally removed and channel section cleared of all sorts of obstructions, latest by 7<sup>th</sup> June every year, or earlier if notified by the concerned Executive Engineer of the I&WD or his subordinate officers, so as to ensure smooth flow of monsoon discharge through the river channel during the period from 7<sup>th</sup> June to 31<sup>st</sup> October, or as may be notified by the abovesaid authorities.
5. There will not be any unwarranted drainage congestion in the upstream or downstream of the bridge, nor will be any impediment to the utility of the river / channel / canal, in regard to irrigation or drainage during construction period or due to construction of the temporary bridge. Necessary alternative arrangement for flow diversion will be made by the undersigned.
6. Land for the purpose of making the approach road, from the temporary bridge point upto the existing road in the countryside, will be arranged by the undersigned without causing any damage to embankment or other infrastructures / assets of the I&WD.

7. Ramp for crossing over the embankments will be constructed by the undersigned at locations identified by the concerned Executive Engineer of the I&WD or his authorised representative.
8. The temporary bridge will not be opened to traffic till final inspection by the concerned Executive Engineer of the I&WD or his authorised representative.
9. There will not be any restriction on using the temporary bridge by the common pedestrian and vehicular traffic and I&WD officials, subject to the condition that vehicles heavier than the designed capacity may not be allowed to cross over.
10. Responsibility of maintenance of the temporary bridge will remain solely on the undersigned.

I agree to submit a security deposit amounting to 20% of the estimated cost of the temporary bridge (as assessed by the Executive Engineer of the I&WD or his subordinate officers) to the concerned Executive Engineer for construction of the temporary bridge, on receipt of intimation towards in-principle permission from that Executive Engineer. Such security deposit will be refunded after expiry of Lease / Licence Agreement or termination of the said Agreement, whichever is earlier, subject to the fulfilment of all conditions stated in Clauses 4, 5, 6, 7, 8, 9 & 10 above. Non fulfilment of any of the above conditions or non compliance to any instruction of the I&WD officials will lead to total forfeiture of the entire security deposit. I further agree to the condition that permission for reconstruction of such a temporary bridge next time, may not even be accorded in the event of forfeiture of security deposit. I also agree to the condition that if it is decided to accord permission, for reconstruction of the bridge in the following working season even after forfeiture of security deposit, due to any of the lapses on the part of the undersigned, fresh security deposit amounting to 20% of the current estimated cost of the temporary bridge will be submitted to the concerned Executive Engineer, in addition to legal liability for any omission and commission on my part including any third party liability arising therefrom. I will also keep the I & W Department clear from any such liability.

Signature of the Applicant & Seal