# Punjab Government Gazette

## EXTRAORDINARY

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**GOVERNMNET OFPUNJAB**

DEPARTMENT OF WATER RESOURCES

**NOTIFICATION**

The 28th February, 2023

**No. WR-IRWR03/01/2023-IW1/49.–**

The Governor of Punjab is pleased to formulate policy regarding "Hydraulic Vetting of General Arrangement Drawing (GAD) of Bridges on canals, rivers/drains."

**1. Application Form**

1.1 The applicant shall apply in a standard application Performa (Annexure A) on WRD portal available on https://irrigation.punjab.gov.in/en.

1.2 Complete data as per checklist (Annexure B) shall be furnished by the applicant along with application form (on WRD portal).

1.3 The application shall be accompanied by application fee amounting to Rs.25,000/- (non-refundable) which shall be deposited online.

1.4 GAD should be prepared for single bridge only. However, incase 2 separate bridges are required for up and down movement,the above application fee will be doubled to Rs.50,000/- and submitted by the applicant in the form as described above.

1.5 The Applicant shall be bound to furnish along with the application an undertaking to deposit the charges as specified in this policy or such enhanced charges as may be specified by the competent authority later in this regard.

1.6 Incomplete applications shall not be processed and shall be rejected outright. Application fee shall not be returned in such an event.

1.7 No application fee shall be levied from individual small and marginal farmers, provided that the bridge shall not be used for any purpose other than agriculture at any stage or time. An affidavit in this regard shall be submitted along with application.

**2. Processing of applications**

2.1 Application complete in all respects along with data as per checklists (Annexure- B) shall be accepted on WRD portal as described above.

2.2 Application would be processed by the O/o Chief Engineer/Design Water Systems in accordance with the Standard Operation Procedure (SOP) issued by Government.

2.3 Feasibility of bridge at location proposed by the Applicant, shall be checked by the concerned Executive Engineer in field and report shall be submitted on the WRD portal.

2.4 Applicant would be provided with all the field data to prepare the GAD (Templates for reference purpose can be availed from WRD portal).GAD at proposed location shall only be allowed if found feasible as above.

2.5 If location proposed by the applicant is not found to be feasible, the applicant shall change the proposal and apply fresh.

**3. Competent Authority for Approval**

3.1 The competent authority for vetting of GAD is Chief Engineer/ Design Water Systems.

**4. Amendments/ Relaxation/ Interpretation of provisions of the Policies:**

Principal Secretary to Government of Punjab, Water Resources Department shall be the final authority to amend/ relax/ interpret provisions under the Policy.

**5. Applicability:**

The policy would be effective from the date of its notification in official Gazette of Punjab Government and supersedes all previous instructions/ directions/ notifications issued from time to time in this regard.

Sd/-
Principal Secretary, Government of Punjab,
Department of Water Resources.

Annexure-A

Department of Water Resources

Application for hydraulic vetting of GAD of Bridge/Ramp/Foot Bridge across canals/drains/rivers/rivulets

Name of the applicant _____

Detail of Canals/drains/rivers/rivulets _____

Name of Canals/drains/rivers/rivulets _____

Road/pathway which has to be link by Proposed bridge/Ramp/Foot Bridge _____

Centre line RD of Canal/Drain at Location of bridge crossing _____

It is certified that I request for hydraulic vetting of GAD for construction of Bridge/Ramp/Foot Bridge on the following conditions:

1. The cost of the construction as well as the maintenance of the above said bridges/ramp will be fully borne by me.
2. Any damage to the canal/drain structures or other wise during the execution of work and afterwards shall be my responsibility alone and shall be repaired/restored/compensated at my cost.
3. In future, if canal/drain is required to be relined or remodeled for any reason and the displacement/remodeling of the proposed structure is required to execute the same shall be done by Water Resources Department at my cost.
4. The construction of this bridge/ramp shall in no way hinder the functioning of existing canal nor interfere with its operation and maintenance.
5. The ownership of the bridge/ramp shall remain with the Water Resources Department and the bridge/ramp can be remodeled by the WRD at its discretion,as and when required.
6. If additional land is required for the construction of said bridge/ramp the same will be provided by me at my own cost.
7. The bridge/ramp shall be allowed to be used by any one and shall not be used exclusively by me.
8. The department will not be responsible for any 3rd party damage during or after the construction of the bridge/ramp.
9. When at any point of time the bridge/ramp is remodeled/demolished no compensation will be asked by me.
10. An indemnity bond will be given by me that I accept to indemnify the Government for any loss or charges due to construction of this bridge/ramp.
11. That I will pay to the Government all charges for utilization of Government land and infrastructure as per policy of the Government prevalent from time to time.
12. That I shall be responsible for obtaining any clearances required from Forest Department, NHAI, PWD (B&R), Punjab Mandi Board etc.
13. The work will only be started after the agreement and entire cost of the work, charges is deposited by me to the Water Resources Department.

I will abide by all condition specified above and ready to execute the agreement as per policy of Punjab Government.

Date _____ Applicant Signature

Annexure–B

LIST OF DOCUMENTS REQUIRED FOR APPROVAL OF GAD OF BRIDGES ACROSS CANALS

| Data Required | | Data to be provided by | |
|---|---|---|---|
| | | Applicant | Field Office |
| Name of canal | | ✔ | ✔ |
| Reason for remodeling/reconstruction/new construction | | ✔ | - |
| Feasibility of proposed project at site | | | ✔ |
| Sub-Division | | ✔ | ✔ |
| RD of Crossing (Proposed Location) | | ✔For identification provide RD (if available), Landmark, nearby village,Google co-ordinates. | |
| Angle of Crossing | | ✔ | - |
| Carriage Way Width | | ✔ | - |
| Approved drawings of existing structure showing the following details | Design Discharge<br>Total Water way<br>No.of Spans<br>Span Length<br>Type of Foundation<br>Foundation Level<br>Existing Road Level | ' to be submitted by applicant agency if previous work constructed by them or other department except for department of Water Resources, Punjab. | . to be provided by Field office in case of structure constructed by own department.<br>' in absence of drawings of existing structure, submit duly attested sketch showing all parameters given in column (1) |
| Approved L-Section of Canal showing the following details | Design Discharge asper L-Section<br>Full Supply Level<br>Designed Bed Level<br>Designed Bed Width<br>Water surface Slope<br>Side Slope<br>Free Board<br>Design Velocity<br>Lined/Unlined | | ✔ |
| Site Plan | | | ' to be provided by field office<br>' also should show any nearby existing structure U/s or D/s or proposed structure along with its alignment w.r.t. centerline<br>' Should show continuity of Banks. |
| NOC from other departments/private land owner etc. | | ✔ | ' |
| Existing Cross Sections (at proposed RD.100ft U/s & D/s) | Existing Bed Width<br>Existing Bed Level<br>NSL (Left and Right)<br>Mouth opening of Canal | | ✔ |

**Note: Above data to be provided by field office after discussion/approval from Superintending Engineer in-charge.

LIST OF DOCUMENTS REQUIRED FOR APPROVAL OF GADs OF BRIDGES ACROSS DRAINS/RIVERS

| Data Required | | Data to be provided by | |
|---|---|---|---|
| | | Applicant | Field Office |
| Name of River/Drain | | ✔ | ✔ |
| Reason for remodeling/reconstruction/new construction | | ✔ | - |
| Feasibility of proposed project at site | | - | ✔ |
| Sub-Division | | ✔ | ✔ |
| RD of Crossing | | ✔ | ✔ |
| Angle of Crossing | | ✔ | ✔ |
| Carriage Way Width | | ✔ | - |
| Approved drawings of existing structure showing the following details | Design Discharge<br>Total Water way<br>No. of Spans<br>Span Length<br>Type of Foundation<br>Foundation Level<br>Existing Road Level | ' to be submitted by applicant agency if previous work constructed by them or other department except for department of Water Resources, Punjab. | ' to be provided by Field office in case of structure constructed by own department.<br>' in absence of drawings of existing structure, submit duly attested sketch showing all parameters given in column (1) |
| Approved L-Section of Drain/River showing the following details | Design Discharge (5yr R/p, 25 yr R/p, 50 yr R/p,100 yr<br>R/p for which design is to be done)<br>Full Supply Level<br>Designed Bed Level<br>Designed Bed Width<br>Bed Slope<br>Side Slope<br>Design Velocity | | ' In absence of approved L-Section, approved capacity statement of drain/river or approved L-Section of River Embankment shaving HFL marked<br>' Recommendation for design discharge |
| Site Plan | | | ' to be verified by field office<br>' also should show any nearby existing structure U/s or D/s or proposed structure along with its alignment w.r.t. centerline |
| NOC from other departments/private land owner etc. | | ✔ | |
| Existing Cross Sections(at proposedRD.100ft U/s & D/s) | Existing Bed Width<br>Existing Bed Level<br>NSL(Left and Right)<br>Mouth opening of Drain | | |

**Note: Above data to be provided by field office after discussion/approval from Superintending Engineer in-charge.

| STANDARD OPRATION PROCEDURE (SOP) Annexure C (i) | | |
|---|---|---|
| Sr.No | Proposed Procedure | TIM |
| 1 | Applicant will fill the form on online portal which includes all his personal details like name, mobile no., email id, address, district, sub-district, pin code, adhaar number, pan number, company(whether private or government), name of canal, approx RD of canal, Purpose of Project, username ,password etc. and will choose nature of work from the following:-<br>1. Hydraulic vetting of GAD across canal/river/drain.(Full and Final Payment as per Current Policy will be done with the Application)<br>2. Laying of gas pipeline.<br>3. Setting of mini Hydel plant.(In Principal Approval)<br>ApplicantID willbecreated. | |
| 2 | An application will be received in ID of XEN/DWS. He will accept or reject it. After accepting he will send the case to Concerned Executive Engineer and intimation to Senior Design Engineer (SDE) and Assistant Design Engineer (ADE) concerned in DWS office through new online portal. | |
| 3 | Concerned Executive Engineer will scrutinize the case with the help of Nodal officer. A Nodal officers hall be appointed in each divisional office for this work, who along with Executive Engineer will be responsible for timely submission of data for the entire division. Executive Engineer will check the case and completes the checklist and provide complete data to Concerned SDE on new online portal, only after getting the approval of Superintending Engineer on E-office file. | |
| 4 | Concerned Senior Design Engineer (SDE) will check the data provided by Executive Engineer and will ensure the data provided by field office is as per the requirements of DWS office .After checking the data SDE will send it to Applicant and will be sent automatically to ADE concerned on online portal. A template of GAD will be automatically sent to Applicant for reference. | |

Note: Total number of days for providing Technical data to Applicant is proposed as 9 working days.

| Proposed Procedure | TIMELINE (WORKING DAYS) |
|---|---|
| DE concerned. | T1 |
| and send it to concerned SDE. | T2=T3+3 |
| s that GAD fulfils all requirements of Guidelines of DWS and forward it to concerned | T4=T5+2 |
| al approval to Chief Engineer/DWS. | T6=T7+1 |
| approve the drawing. System Generated NOC and Digitally signed GAD will be issued<br>'s of all Concerned officers.<br>nal Payment done by Applicant as per Current Policy which will be informed | T8=T7+1 |

7 working days.

*2778/2-2023/Pb. Govt. Press, S.A.S. Nagar*