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Dte General Border Roads
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New Delhi-110010


22351/BBr/Policy/DGBR/17/E2 (Res)

23 Jun 2004

HQ CE (P) Himank, C/O 56 APO
HQ CE (P) Beacon, C/O 56 APO
HQ CE (P) Deepak, C/O 56 APO
HQ CE (P) Sampark, C/O 56 APO
HQ CE (P) Chetak, C/O 56 APO
HQ CE (P) Vartak, C/O 99 APO
HQ CE (P) Udayak, C/O 99 APO
HQ CE (P) Sewak, C/O 99 APO
HQ CE (P) Setuk, C/O 99 APO
HQ CE (P) Pushpak, C/O 99 APO
HQ CE (P) Dantak, C/O 99 APO
HQ CE (P) HIRAK, BRO Complex, Darshan Colony,
PO: Hanuman Nagar, Nagpur-440009
Eastern Store Division (GREF), C/O 99 APO
Western Store Division, C/O 56 APO

**SOP ON UTILIZATION OF BAILEY BRIDGES FROM
DG's RESERVE STOCK**

1. A Standard Operating Procedure on "Utilization of Bailey Bridges from DG's Reserve Stock" is forwarded herewith.
2. This SOP has been approved by the DGBR.
3. Please acknowledge receipt.


(Rajeev Agarwal)
Lt Col
Joint Director TP (Central)
For DGBR

Encls: 5 sheets

Copy to:-

(All Dte)

D&S Cell, TP (Central), TP (East), TP (West), E5 Budget

SOP ON UTILIZATION OF BAILEY BRIDGES FROM DG's RESERVE STOCK

Introduction

1. Bailey Bridges are extensively used in the Border Roads Organization for the construction of temporary/semi permanent bridges on various roads. The entire bridge is retrievable and can be reused, once the Permanent/alternate Bridge is constructed. The Bailey Bridges are classified as Cat 'B' stores in BRO. Accordingly, the Bailey bridge sets/components are procured against a specific Job and expenditure is directly booked to the Job.
2. Each year floods and unprecedented rains during the monsoons result in Bailey Bridges being damaged or washed away in various Project Sectors. Non-availability of reserve Bailey Bridges often results in considerable delay in re-launching these Bailey Bridges and restoring road connectivity during unforeseen eventualities like floods, land slides, action by ANEs, etc. NH-52 is the most critical in this regard in the North Eastern sector.

Proposal and Govt Sanction

3. In order to ensure timely re-launching of these damaged/washed away bridges, it was felt essential that some BB sets be kept under DGBR's reserve stock so as to enable release of bridges to the affected Projects immediately on occurrence of damages. A case was taken up with the Govt for according sanction for procurement of four sets of 110' Triple Single Bailey Bridges, two each for Western Sector and Eastern Sector. Govt of India, Min of Road Transport and Highway, Border Road Development Board has accorded sanction for procurement of four Nos 110' TS Bailey Bridges, two each for Eastern and Western Sectors as DG's reserve for use in emergencies vide

BRDB letter No.02/410/BEA/2004 dated 25 May 2004. These four BBs will be procured from GS Funds Major Head 3601.

4. NH-52 is a 841 Kms long road serving areas on the Northern bank of Brahmaputra River. This road passes through extremely riverine countryside and has as many as 215 bridges on it. Most of these bridges are of temporary nature and often get damaged/breached during monsoon. Immediate availability of bridging reserves for this road is, therefore, an urgent operational necessity. Keeping criticality of NH-52 in view, a case was taken up for procurement of four sets of 110' Triple Single Bailey Bridges to act as reserve for NH-52. Ministry of Road Transport & Highways have accorded approval for procurement of four sets of 110 feet TS Bailey Bridges vide their letter No.RW/NH-12037/7/2003-AS/NH-10 dated 31 Jul 2003 and NH-12037/7/2003-AS/NH-10 dated 11 Dec 2003.

Initial Procurement of Bridges

5. Initial procurement of all the eight Nos 110 feet TS BB will be arranged by HQ DGBR. The expenditure on the initial procurement of the above bridges is distributed as under: -

- | | |
|--|----------------------------------|
| (a) Four bridges under DGBR's reserve (GS Stock), two each for Eastern and Western Sectors | - GS Major Head 3601. |
| (b) Four bridges under DGBR's reserve exclusively for NH-52 (MORT&H stock) | - MORT&H Major Head 3054 (Maint) |

Placement/Location of Bridges

6. It is essential that these bridges be controlled centrally by HQ DGBR for utilization during emergencies. Therefore, these eight reserve bridges will be located as under: -

(a) Bridges under DGBR's Reserve (GS Stock)

(i) Western Sector - 02 Nos : WSD, Pathankot

(ii) Eastern Sector - 02 Nos : ESD, Tezpur

(b) Bridges under DGBR's Reserve (MORT&H Stock) : ESD Tezpur
(04 Nos)

7. Total six Nos 110' TS BB will be held by ESD, Tezpur (two bridges under GS stock and four bridges under MORT&H stock). These two different kinds of reserve stocks will be accounted for separately and will not be mixed up.

Release of Bridges/Components

8. On occurrence of damages to roads/bridges under BRO due to flash floods/cloud burst/land slide/action by ANEs, etc and when road communications need to be restored on the highest priority, an effort will be made by the Project to launch the BB out of the stock held by them as far as possible. In inescapable circumstances, requirement will be projected by the Project, by the fastest means, for release of a BB Set/Components out of DGBR's reserve stock to restore the road communication. This requirement will be conveyed to HQ DGBR (E2 Resources) with a list of BB components required, through a Fax followed by a detailed statement of justification indicating the location of bridge, name of road, Agency, necessity of launching the BB, span and specification of the bridge, time period for which bridge will be required till a new bridge is procured after getting a new Job sanctioned, etc. Considering the merit of the case as per details submitted by the Project, case will be processed for approval of release of the bridge out of DG's reserve stock.

Issue of Bailey Bridges

9. HQ DGBR E2 (Resources) will issue the release order to ESD or WSD as the case may be under intimation to the Project concerned. The Bailey Bridge


Set/Components will be issued to the Project out of the DG's reserve stock. It will be the responsibility of Project to collect stores from ESD/WSD.

Replenishment of Bailey Bridges

10. On occurrence of damages to the road/bridge, the Project will initiate an estimate for the restoration works including the Bailey Bridge to be launched and sanction will be obtained accordingly. In case the BB is demanded, released, and issued from DG's reserve stock to meet the emergent requirement of the Project, the BB sanctioned under the restoration Job will be procured and provided to the ESD/WSD by the Project directly under the Supply Order placed by the TA Dte so as to replenish the reserve stock accordingly. It will be ensured by the Project that the BB will not be procured and received in Project but instead provided directly to the ESD/WSD. The Project should ensure that the Bailey Bridge released out of DG's reserve stock is returned to the ESD/WSD as early as possible.

Reports & Returns

11. The ESD and WSD will submit the status of all the Bailey Bridges to HQ DGBR TP Dte/E2 (Res) on monthly basis with copy to concerned Projects to whom the BBs have been issued on loan. A format for the monthly report is enclosed at Appendix 'A'.


(Rajeev Agarwal)
Lt Col
Joint Dir TP (Central)
For DGBR

No.22351/BBR/Policy/DGBR/17/E2(Res)

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Appendix 'A'

MONTHLY REPORT REGARDING STATUS OF BB SETS HELD ON CHARGE UNDER DGBR'S RESERVE STOCK

[illegible]