



GOVERNMENT OF KERALA



Abstract

Coastal Shipping & Inland Navigation Department - Construction of an Arch bridge across Badagara – Mahe Canal at Kottappally - Administrative Sanction accorded - orders issued.

COASTAL SHIPPING & INLAND NAVIGATION (A) DEPARTMENT

G.O.(Rt)No.12/2024/CSIND Dated, Thiruvananthapuram, 16-03-2024

AS No. AS/CSN/23/34021

valid up to 15.03.2027

Read:- 1. G.O.(Ms.)No.06/2017/CSIND dated 16/12/2017

2. Letter No: W5-513/CE/IN/2020 dated 07.11.2023 & 13.02.2024 from the Chief Engineer Inland Navigation & Kuttanad Package, Alappuzha.
3. Minutes of the Special Working Group Meeting held on 13.03.2024.

ORDER

Badakara-Mahe Canal, having a length of 17.61 km, is one of the most important links in the west coast canal network, which connects the Kuttyadi River in the south and the Mahe River in the north. The formation of the Badagara-Mahe canal has been arranged in five reaches, and the work is in progress.

2. The Chief Engineer, as per the letters read as 2nd paper above, reported that in the second reach, a road bridge connecting Vadakara and Kuttyadi crossing the BM canal at Kottappally (CH. 455.92 km) has to be raised to get sufficient vertical clearance for the navigation of vessels. Moreover, the span of the existing bridge is only 11.00 m, and the existing abutment is right in the middle of the developing BM Canal. In order to get both horizontal and vertical clearance as stipulated by national waterway standards, the bridge has to be dismantled and reconstructed. Administrative sanction for the acquisition of additional land of 20 cents assessed to be required for the construction of a road bridge at Kottappally has been accorded vide G.O. read as first above. Hence, the Chief Engineer has furnished the DPR for Construction of an Arch bridge across Badagara – Mahe Canal

at Kottappally based on the revised design prepared by IDRB with an estimate of Rs.21 crore. Later, after discussion with the Chief Technical Examiner, the design was revised, and the estimate came to Rs. 17.60 crore.

3. Details of Revised Estimate

Particulars	Amount in Rs.
Construction of an Arch Bridge	7,61,20,891
Construction of Approach Road	4,56,84,160
Canal formation	1,15,42,412
Dismantling of old Kannankutty Foot Bridge	1,79,467
Construction of Diversion road and Bridge	35,00,000
LS for Purchase of levelling instrument, Odometer, Lase distance Meter, Computer and miscellaneous expenses	4,00,000
GST	2,47,36,847
Lumsum Heading (Charges for Utility Shifting-KWA-Rs.9500000, Charges for Utility Shifting – KSEB- Rs.4000000, LS Amount for purchasing furniture - Rs.200000)	1,37,00,000
Round Off	1,36,223
TOTAL OUTLAY	17,60,00,000

3. The Special Working Group Meeting convened by the Principal Secretary, Finance Department held on 13.03.2024 considered the above proposal and approved it for Administrative Sanction for an amount of Rs.17.60 Crore with certain conditions.

4. Government have examined the matter in detail and are pleased to accord administrative sanction for the work "Construction of an arch bridge across Badagara -Mahe Canal at Kottappalli" for an amount of Rs. 17,60,00,000/- (Rupees seventeen crore sixty lakh only), by meeting the expenditure from the h/a "5075-60-800-94-03 (P)", subject to the following conditions:

1. Guidelines and Norms issued vide G.O.(Ms.)10/2019/CSIND dated 20.12.2019 shall strictly be followed.
2. Vertical and Horizontal clearances shall be maintained as per Inland Waterway Guidelines.

3. Provision for steel liner may be reviewed and regulated as per the soil parameters at site and the design requirements.
4. The thickness of GSB (25cm) and WMM(20cm) may be optimized to the normal provision of 15cm to 20cm.
5. Provision for bailing out water @ Rs. 18 lakhs seems high and hence be reviewed. Further, machine numbered registers duly attested by the EE shall be insisted for the item.
6. The detailed estimate shall be prepared for diversion road for which lump sum provision is earmarked @ Rs. 35 lakhs.
7. The expenditure towards lump sum provisions for Electric line shifting @ Rs. 95 lakhs and Water supply line shifting @ Rs. 40 lakhs shall be regulated as per the detailed estimates / actual claimed by the concerned utilities.
8. A copy of TS estimate shall be submitted to Finance for concurrence, before call of tenders.
9. The fund release will be based on actual requirement and the fund, released should not be parked in banks.
10. Store Purchase Rules shall be strictly adhered to.
11. Tender/e-tender and other stipulated formalities shall be followed wherever necessary.
12. Post creation and purchase of vehicles are not admissible under the scheme.
13. For hiring of project staff/man power as part of project implementation, instructions issued in G.O(P)No.76/2019/Fin. dated 02.07.2019 and G.O(P)No.81/2019/Fin dated 09.07.2019 shall be followed.

(By order of the Governor)
ASHOK KUMAR SINGH I A S
PRINCIPAL SECRETARY

The Chief Engineer, Inland Navigation & Kuttanad Package,
Pazhaveedu P.O., Alappuzha.

The Chief, Industry & Infrastructure Division, State Planning Board,
Thiruvananthapuram.

The Principal Accountant General (Audit), Kerala, Thiruvananthapuram.

The Accountant General (A&E), Kerala, Thiruvananthapuram.

The Finance (I&PW-B) Department (No.I&PW-B3/266/2022-FIN dated
16/03/2024)

The Finance (Planning B)Department

Planning & Economic Affairs Department
I&PR (Web & New Media) Department (for publishing in the
Government Website)
Stock File / Office Copy(A1/116/2022/CSIND)

Forwarded /By order

Section Officer