

Major Projects of IWAI: Jal Marg Vikas Project (NW-1) Project.

Status of implementation as on 31.07.2024

1. Jal Marg Vikas Project (JMVP) for capacity augmentation of National Waterway – 1 (NW-1) from Haldia to Varanasi was approved by the CCEA on 03.01.2018 at a cost of Rs 5369.18 crores. The loan agreement with the World Bank was signed on 02.02.2018
2. The estimated cost of JMVP of Rs. 5369.18 crore (US\$ 800.00 million) is to be utilized as per the following funding pattern:
 - (i) IBRD Loan- Rs.2,512.00 crores (US\$ 375.00 million);
 - (ii) Government of India Counterpart Funds (budgetary allocation and proceeds from issue of infrastructure bonds: Rs.2,556.00 crores (US\$380.00 million); and
 - (iii) Private sector participation under PPP mode: Rs. 301.00 crores (US\$ 45.00 million).
3. Detailed Feasibility; Environmental & Social Impact Assessment; and Market Development Strategy Studies were carried out on NW-1 in February 2017, December 2016 & November 2017 to determine the development strategy on NW-1. Further, the detailed engineering for key infrastructure projects such as Varanasi MMT, Haldia MMT, Sahibganj MMT, IMT Kalughat & Farakka Lock were prepared by the Engineering Consultant subsequently.
4. The following mandatory clearances were obtained in connection with the implementation of JMVP:
 - (i) Clearance under the Wildlife Protection Act, 1972 for passage of vessels through the Kashi Turtle Sanctuary, Varanasi on 12.06.2017.
 - (ii) Coastal Regulation Zone clearance for the Haldia multimodal terminal on 06.11.2017.
 - (iii) Clearances from the Ministry of WR, RD & GR and NGRBA for the new navigation lock at Farakka on 28.02.2016.
 - (iv) MoEF&CC confirmed that inland waterways, terminals, jetties etc. are not covered under EIA Notification, 2006 requiring prior environmental clearance on 21.12.2017.
5. Consequent to the review held on 10.06.2020 through teleconferencing by Ministry of Shipping under the chair of Secretary (Shipping) with the IWAI, the estimated cost of JMVP was revised to Rs. 4,633.81 crores from the original estimated cost of Rs. 5,369.18 crores, thereby effecting a saving of Rs. 735.51 crores (USD 109.78 million) in the project cost. The savings comprise of Rs. 387.10 crores (USD 57.78 million) from the IBRD loan component and Rs. 348.41 crores from the counterpart fund component. The revised cost estimate also included several activities aligned to the Arth Ganga Concept estimated to cost Rs. 746.00 crores. Consequently, on the request of IWAI/ Ministry of Shipping, Department of Economic Affairs (DEA) requested the World Bank on 17.06.2020 for cancellation of USD 57.78 million from the overall IBRD loan for the JMVP. As a result, the IBRD loan component got reduced to USD 317.22 million.

6. The project implementation, including the work on activities aligned to the Arth Ganga Concept, was initially planned to be completed by December 2023. Extension of Jal Marg Vikas Project upto 2026 was requested. The World Bank vide letter dated 22.12.2023 to DEA granted approval for staggered extension of the project at cost of 5061.15 Cr. Initial Extension of 6 months has been linked to specific targets. On achievement of the targets, the World Bank has initiated review in April 2024 for further extension upto December 2025.

The JMVP project has achieved following overall progress

Considering previous revised cost of Rs. 4633.81 Cr. the Physical Progress is 65.53% and Financial Progress is 65.32% and considering revised cost of Rs. 5061.15 cr, Physical Progress is 59.99% and Financial Progress is 59.80%

Present status of major civil works is as under:

7. Physical progress of Multimodal terminal at Varanasi is 100%; and financial progress is Rs. 182.33 cr.
8. Physical progress of Multimodal terminal at Sahibganj is 100%; and financial progress is Rs 276.05 Cr.
9. Physical progress of Multimodal terminal at Haldia is 100 %; and financial progress is Rs 509.05 Cr.
10. Physical progress of new navigation lock at Farakka is 99.49 %; and financial progress is Rs 369.53 cr. The project has been inaugurated by Hon'ble Prime Minister on 17.10. 2023
11. Dredging Management Plan (DMP) in consultation with Expert Committee including NTCPWC, IIT-Madras has been prepared and approved by IWAI Board for implementation.
12. The contracts for Provision of least assured depth (LAD) of 3m and bottom channel width of 35/45 m through Performance Based Assured Dredging contracts for stretches of Farakka-Kahalgaon stretch (146 Kms), Sultanganj-Mahendrapur stretch (74 kms) and Mahendrapur-Barh stretch (71 kms) were awarded on 9.04.2018, 12.04.2019 and 12.04.2019. Financial progress of projects are:
(i) Farakka - Kahalgaon stretch: Rs 200.09 cr.; (ii) Sultanganj - Mahendrapur stretch: Rs 187.96 cr.; and (iii) Mahendrapur-Barh stretch: Rs 200.42cr.

The work of M/s Adani Ports & SEZ for Fairway Development of Farakka – Kahalgaon stretch is completed on 21.04.2024

13. Fresh work beyond (September 2024) for Sultanganj -Mahendrapur and Mahendrapur - Barh stretch.
 - NIT published on 30.05.2024 and bid submission scheduled on 06.08.2024

14. Based on consultation with stake holders, dredging management plan was reviewed by the expert committee on 18.10.2022. As per DMP 2022, the following procurement activities are being undertaken:

15. Barh – Digha (74 Km)

- NIT published on 27.04.2023 & bids opened on 11.07.2023 where 3 bids were received and technical evaluation completed. The Tender was cancelled due to non-responsive bids of all bidders.
- Tender republished on 19.02.2024 and bids were opened on 28.03.2024. Financial bids opened on 23.04.2024 and contract agreement signed on 24.05.2024.

16. Digha -Majahua stretch (95 Km)

- NIT published on 28.02.2023 and bids opened on 23.05.2023. The tender was cancelled due to single bid received.
- NIT re-tendered on 14.09.2023 and bids were opened on 26.12.2023. LOA issued to successful bidder on 31.01.2024. Agreement signed on 07.03.2024 and work has started after mobilization.

17. Majhaua – Ghazipur (115 Km):

- Tender published on 28.04.2023 and bids opened on 04.07.2023. The tender were cancelled due to single bid was received.
- NIT Re-tendered on 05.09.2023 and bids opened on 03.01.2024. Tender has been cancelled due to single bid received.
- Re-tendered (third time) on 25.04.2024. Bids opened on 30.05.2024 and notification of Award issued on 28.06.2024.

18. Ghazipur – Varanasi (135 km)

- Tender published on 04.06.2024 and pre-bid held on 18.06.2024. Bid submission scheduled on 06.08.2024

19. Kalughat Access channel (12.5 km)

- Tender was published on 17.07.2023 and bids opened on 17.08.2023. The Tender was cancelled due to non-responsive bids of all bidders.
- NIT Re-tendered on 14.02.2024 and bids were opened on 28.03.2024, where 02 bids were received Technical and financial evaluation completed. LOA issued on 27.05.2024 and contract agreement signed on 19.06.2024.

20. Farakka – Katwa (199 km)

- Tender was published on 05.01.2023 and bids opened on 05.04.2023. Financial bids were opened on 03.10.2023. As per the resolution and recommendations of IWAI board, the tender was cancelled.
- NIT Re-tendered on 03.01.24 and bids opened on 31.01.2024. The financial bids were opened on 27.02.2024. Contract Agreement signed on 28.03.2024. Contractor has mobilized equipment and work started.

21. Katwa- Tribeni (152 km)

- Tender was published on 19.01.2023 and bids were opened on 03.04.2023. Financial bids opened on 06.10.2023. As per the resolution and recommendations of IWAI board, the tender was cancelled.
- Re-tendered on 03.01.24, the bids was opened on 07.02.2024. LOA was issued on 15.03.2024. Agreement signed on 16.04.2024 and mobilization completed, work in progress.

22. Tender for Fairway maintenance Farakka – Kahalgaon (146 Km)

- NIT published on 19.06.2023 and bids opened on 04.08.2023. The financial bids was opened on 09.10.2023. As per the resolutions and recommendations of IWAI board, the tender was cancelled.
- Re-tendered on 03.01.24 .Bids opened on 07.02.2024 and the financial bids were opened on 26.02.2024. LOA issued on 08.03.2024 and contract agreement was signed on 28.03.2024. Mobilization of equipment completed, and work started.

23. Tender for river bend correction in upstream approach channel of new navigation lock at Farkka,

- NIT published on 22.06.2023 and bids opened on 23.08.2023. Tender was cancelled as the bidder was found non-responsive.
- Re-tendered on 13.10.2023, the tender was opened on 27.12.2023 and no bid received.
- Re-tendered on 14.02.2024 and bids opened on 13.03.2024 where no bid was received. Now, the work is being undertaken departmentally.

24. Tender for the Haldia Access channel

- The tender was published on 12.01.2023, the bid was opened on 06.04.2023 where two bids was received. The financial bid was opened on 09.10.2023. As per the resolution and recommendations of IWAI board, the tender was cancelled.

- Tender published again on 04.01.2024 Now SMPK has given disposal site near to MMT-Haldia which has reduced the cost of disposal. Therefore, the tender has been cancelled due to cost implications and fresh tender with reduced estimated cost has been prepared and sent to World Bank for their “No Objection” for floating NIT. Tender has been approved, However, IWAI board has now approved to take up dredging of Haldia Access channel through variation in quantity of SMPK contract with DCIL

25. Tender for Fire protection works at MMT Haldia was published on 14.02.2023. Prebid held on 24.02.2023. Bids opened on 14.03.2023 and notification of award issued on 18.05.2023. (Works substantially completed)

26. At present, dredging contracts is not planned for Kahalgaon-Sultanganj stretch (60 km) due to the presence of Gangetic Dolphin Sanctuary. Application to obtain the wild life clearance has been filed on “PARIVESH” portal of MOEFIC

27. Construction of IMT -Terminal at Kalughat: The contract was signed on 26.11.2021. Physical progress is 98.9 % and financial progress is 97.35%. Hon'ble Minister for PSW inaugurated terminal on 15.2.2024. (Works substantially completed)

- Construction of boundary wall in progress
- Testing works(for handing over of terminal) in progress
- Electric connection from Govt. of Bihar awaited

28. Tender for TSSC cum PMC for supervision services at IMT Kalughat - LOA to the consultant (M/s Arkitechno Consultants India Pvt Limited) was issued on 11.05.2022. The work is in progress.

29. Solid-Liquid Waste Collector - Work was awarded on 12.03.2022 to M/s TPS Pvt Ltd. The equipment have been delivered at sites and work has been completed.

30. Procurement of Pusher Tug-3 + Dumb Barge Flotilla 6 nos

- NIT issued on 12.12.2023 and bid opened on 01.03.2024.
- Price bids opened on 29.04.2024 and contract agreement signed with L1 bidder on 25.06.2024

31. Procurement of Dredgers- 6 nos

- NIT issued on 03.01.2024.
- Pre bid meeting held on 30.01.2024.
- Bids opened on 06.05.2024.
- Price bids to be opened after “no objection from World Bank” on technical evaluation.

32. Letter of Award issued for comprehensive consultancy services for preparation of DPR for IWT sector development under JMVP-II on 08.12.2021. The study is in progress.

33. Contract for consultancy services for preparation of DPR for modernization/renovation of existing navigation lock at Farakka was signed on 11.01.2022. Consultancy completed.

Works

- NIT (1st call) issued on 08.05.2023, bid opened on 26.09.2023. (No bids received)
- NIT re-tendered on 24.11.2023 and bid opened on 19.02.2024. 02 bids were received. The tender cancelled due to L1 bid being 47% higher than the estimated tender value.
- Re-tendered on 10.06.2024 and bids opened on 26.07.2024. Technical evaluation under progress.

TSSC

- Tender floated on 04.08.2023 and bids opened on 22.12.2023. Technical and Financial evaluation have been completed. LoA to be issued to L1 bidder.

34. CICMT, IIT-Kharagpur has done the study for design of quick mechanical opening mechanism (QPOM). IRS vetted the design. NIT for the supply of QPOM issued on 21.04.2023 bids opened on 16.06.2023. Contract agreement was signed on 12.10.2023 and work is in progress. Physical progress of 80% achieved.

35. a) Channel stabilization works at 07 locations under JMVP-II – Works completed.

35. b) Study for design of channel stabilization works at 17 locations on NW-1 has been completed by IITG Roorkee.

- NIT issued on 12.03.2024 and technical bids opened on 22.04.2024. Technical recommendation has been approved by CA. Based on the same, financial bid shall be opened for 9 schedules & retendering to be done for balance 6 schedules.

36. The Consultancy for Project Management Consultancy (PMC) was awarded on 31.01.2022. Consultancy in progress.

37. Development of community jetties under JMVP-II

Uttar Pradesh

- a. HDPE 08 jetties completed.
- b. Tender for 04 Steel jetties (schedule A) - NIT issued on 1st March 2024. Technical bids opened on 05.04.2024 (4 bids received). Financial

bids opened on 13.06.2024 and LOA issued to L1 bidder on 3rd July 2024.

- c. Onshore facilities (10 locations) NIT issued on 04.07.2023, and LOA issued on 06.10.2023. Contract agreement signed on 05.12.2023 and work in progress. Physical progress 40% achieved.

Bihar & Jharkhand

- a. HDPE 09 jetties - handed over to EIC & installed at designated locations on 14.08.2023.
- b. Steel 13 jetties - (Work completed) – 13 pontoons successfully delivered.
- c. Onshore facilities – NIT floated on 18.12.2023 and bid opening scheduled on 30.01.2024, single bid received and tender has been cancelled. NIT reissued on 13.02.2024 and technical bids were opened on 14.03.2024. Financial bids opened on 18th April 2024. LoA issued to L1 bidder on 09.05.2024. Contract agreement signed on 09.07.2024

West Bengal

- a. 11 HDPE Jetties - Contract agreement signed on 14.08.2023. Jetties installed at respective locations
- b. 07 Steel Jetties – Re-tender floated on 28.02.2024. Bids opened on 8th April 2024 & financial bids opened on 11.06.2024. Financial evaluation recommendation has been signed by the TEC members & the same is under approval of the Competent Authority.
- c. 04 Concrete Jetties - Bid opened on 04.10.2023, LOA issued on 07.11.2023. Installation of jetties under progress
- d. Onshore Facilities – 8 locations - NIT published on 29.02.2024 No bids received. Re-tendered on 26th April 2024 & bids opened on 14.06.2024. Tender is cancelled due to single bid received.

Re-tendering (3rd call) issued on 16th July 2024. Technical bid opening scheduled on 20.08.2024.