

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

Status of implementation as on 31.05.2024

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. Initial extension of 6 months has been approved linked to specific targets and on achievement of the targets. The World bank has initiated review for the second extension for 18 months up to December 2025 in April 2024 and will be again discussed by World Bank in May/June.

The JMVP project has achieved following overall progress

Considering previous revised cost of Rs. 4633.81 Cr. the Physical Progress is 64.24% and Financial Progress is 63.91% and considering revised cost of Rs. 5061.15 cr, Physical Progress is 58.81% and Financial Progress is 58.52%

Present status of major civil works is as under:

- Constructions of multi-modal terminals at Varanasi, Sahibganj and Haldia have been completed.
- Navigational Lock at Farakka have achieved physical progress of 99.49 % and the project has been inaugurated by Hon'ble Prime Minister on 17.10 2023.
- 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 to M/s Adani Ports & SEZ Ltd. on 9.04.2018, 12.04.2019 and 12.04.2019.
Financial progress of above projects are as under:
(1) Farakka - Kahalgaon stretch: Rs 200.09 cr.; (2) Sultanganj - Mahendrapur stretch: Rs 173.95 cr.; and (3) Mahendrapur-Barh stretch: Rs 183.15 cr. The work of M/s Adani Ports & SEZ for Fairway Development of Farakka – Kahalgaon stretch is completed on 21.04.2024
- Construction of IMT -Terminal at Kalughat: The contract was signed on 26.11.2021. Physical progress stands at 97% and financial at 88.18%. Hon'ble Minister for Ports, Shipping & Waterways inaugurated the terminal on 15.2.2024.
Balance Works:
 - Piling of jetty completed.
 - Construction of approach trestle and jetty completed.
 - Shore Protection Works completed.
 - Construction of Terminal Administration Building and Worker Amenities Building completed.
 - Works for fire fighting completed & testing in progress

- Testing for ETP cum STP completed
 - Construction work of electrical substation building is completed.
 - Work for the underground water tank completed, testing of UGWT completed.
 - Construction work for Over Head Water Tank (OHT), Security room and Weigh Bridge control room completed.
 - Stockyard area work completed.
 - Road works completed.
 - Testing of Mechanical equipment is in progress.
 - Installation of electrical items completed in progress
 - Erection of Entry & Exit Gates completed.
 - Work for construction of 120 m length of boundary wall was stopped by the locals. Now, to construct to boundary wall on the northern side of the acquired land with controlled access for locals to visit Ganga Ghat as per recommendation of the District Administration is given. District Administration has been requested to provide protection and safety during construction of the part of boundary wall.
 - Work for obtaining electric connection is in progress by BSPHCL.
-
- 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.
 - 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.
 - Barh – Digha (74 Km) – The tender was published on 27.04.2023, the bids were 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. Again, the tender was published on 19.02.2024, the pre-bid meeting was held on 26.02.2024, the bid was opened on 28.03.2024 where 02 bids were received. Technical and financial evaluation completed. contract agreement signed on 24.05.2024.
 - Digha -Majahua stretch (95 Km) – Agreement signed on 07.03.2024 and work has started after mobilization.
 - Majhaua – Ghazipur (115 Km): The tender was published on 28.04.2023, the pre-bid meeting was held on 10.05.2023, the bids were opened on 04.07.2023. The Tender has been cancelled due to single bid was received, thereafter, re-tendered on 05.09.2023. the Pre-bid meeting

was held on 15.09.2023. the bids were opened on 03.01.2024, the Tender has been cancelled due to single bid received. Now, the Fresh tender documents are under approval. Re-tendered (third time) on 25.04.2024. Bids opened on 30.05.2024 and evaluation under progress

- Kalughat Access channel (12.5 km) – Tender was published on 17.07.2023, the bid was opened on 17.08.2023 where 03 bids were received. The Tender was cancelled due to non-responsive bids of all bidders. Again, retendered on 14.02.2024. Pre-bid meeting was held on 23.02.2024 and the bids were opened on 28.03.2024, where 02 bids were received Technical and financial evaluation completed. LOA issued on 24.05.2024.
- Farakka – Katwa (199 km) – Agreement signed on 28.03.2024. Contractor has mobilized equipment and work started.
- Katwa- Tribeni (152 km) – Agreement signed on 16.04.2024 and mobilization work is under progress.
- Tender for Fairway maintenance Farakka – Kahalgaon (146 Km)- After completion of 5 years of previous contract the fresh tender was floated and the agreement signed on 28.03.2024. Mobilization of equipment completed, and work started.
- Tender for river bend correction in upstream approach channel of new navigation lock at Farakka was published fourth time on 14.02.2024 and pre-bid meeting was held on 21.02.2024, the bid was opened on 13.03.2024 where no bid was received. Now, the work is being undertaken departmentally.
- Tender for the Haldia Access channel was published on again on 04.01.2024 and pre-bid meeting held was on 15.01.2024. Now SMPK has given disposal site near to MMT-Haldia which has reduced the cost of disposal. Therefore, this tender has been cancelled and fresh tender with reduced estimated cost has been prepared and sent to World Bank for their “No Objection” for floating NIT.
- 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. Work in progress.
- **Development of community jetties under JMVP-II**

Uttar Pradesh

- HDPE 08 jetties completed.

- Tender for 04 Steel jetties (schedule A) - NIT issued on 1st March 2024. Technical bids opened on 05.04.2024 (4 bids received). Clarifications sought from bidders received, the evaluation is under progress.
- 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.

Bihar & Jharkhand

- HDPE 09 jetties - handed over to EIC & installed at designated locations on 14.08.2023.
- Steel 13 jetties - (Works in progress) – 11 pontoons successfully delivered.
- 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.

West Bengal

- 11 HDPE Jetties - Contract agreement signed on 14.08.2023. 09 jetties have been installed and works for 2 jetties in progress.
- 07 Steel Jetties – Re-tender floated on 28.02.2024 and Bids opened on 8th April 2024 & 6 bids were received. Technical Evaluation is under progress. Clarifications sought from bidders received and Evaluation is under progress.
- 04 Concrete Jetties - Bid opened on 04.10.2023, LOA issued on 07.11.2023. Work in progress.
- Onshore Facilities – 10 locations - NIT published on 29.02.2024. Technical bid opened on 03.04.2024. No bids received. NIT re-tendered on 26th April 2024 & bid opening scheduled on 14th June 2024.
- CICMT, IIT-Kharagpur has done the study for design of quick mechanical opening mechanism (QPOM). IRS vetted the design

Works

- NIT (1st call) issued on 08.05.2023, bid opened on 26.09.2023. (No bids received)
- The work was Re-tendered on 24.11.2023 & bids opened on 19.02.2024. 02 bids were received. The tender is being cancelled due to L1 bid being 47% higher than the estimated tender value. being re-tendered.

TSSC

- Tender floated on 04.08.2023 and bids opened on 22.12.2023. Technical and Financial evaluation have been completed. LoA is to be issued to the selected bidder after pre-award discussion.