

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

Status of implementation as on 31.03.2024

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 (UDS\$ 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 second extension for 18 months up to December 2025 will be taken up by the World Bank in April 2024.

The project has achieved an overall financial progress 63.10* % of revised cost and physical progress of 63.50 %.

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 at costs of ₹177.00 crores, 159.30 crores and 182.9 crores respectively.

Financial progress of above projects are as under:

(1) Farakka - Kahalgaon stretch: Rs 200.09 cr.; (2) Sultanganj - Mahendrapur stretch: Rs 168.67 cr.; and (3) Mahendrapur-Barh stretch: Rs 176.93 cr

- Construction of IMT -Terminal at Kalughat: The contract was signed on 26.11.2021. Physical progress stands at 95.5% and financial at 86.8%
 - 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 in progress.
 - Testing for ETP cum STP completed
 - Construction of boundary wall is in progress. 120 meter boundary wall is stopped due to local agitation.
 - 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. Finishing works in progress.
 - Stockyard area work completed.
 - Road works completed.

- Testing of Mechanical equipment is in progress.
 - Procurement & Installation of electrical items is in progress.
 - Erection of Entry & Exit Gates completed.
- 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 and bids was 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. The tender was again 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 was received and are under evaluation.
- Digha -Majahua stretch (95 Km) – The tender was published on 28.02.2023, the pre-bid meeting was held on 10.03.2023, the bid was opened on 23.05.2023, the tender was cancelled due to single bid was received. Thefater, re-tendered on 14.09.2023, the pre bid meeting was held on 22.09.2023, the bid was opened on 26.12.2023 where Two bids was received, the Technical & Financial evaluation is completed. The LOA was issued to the successful bidder on 31.01.2024. the contract agreement was signed on 07.03.2024 and contractor is mobilized at site.
- tajhaua – 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.
- Kalughat Access channel (12.5 km) – Tender published on 17.07.2023 and bids opened on 17.08.2023. 03 bids received. Tender cancelled due to non-responsive bids of all bidders. Tender again published on 14.02.2024. Pre-bid held on 23.02.2024 and bids opened on 28.03.2024, 02 bids received and are under evaluation.
- Farakka – Katwa (199 km) – Tender published on 05.01.2023, the pre-bid meeting was held on 16.01.2023, the Bid was opened on 05.04.2023 where 04 bids were received. The Financial bid was opened on 03.10.2023, the certain complaints were received in respect of registration/certifications of dredgers. As per the resolution and recommendations of IWAI board, the tender was cancelled. Tender again published on 03.01.24 and pre bid meeting was held on 11.01.24. the Bids was opened on 31.01.2024, where 03 bids were found technically responsive. The financial bids were opened on 27.02.2024 and the LOA was issued to the successful bidder on 08.03.2024 and the contract agreement signed on 28.03.2024.

- Katwa- Tribeni (152 km) – The tender was published on 19.01.2023, the pre-bid meeting was held on 19.01.2023, the Bid was opened on 03.04.2023 where 04 bids are received. The technical evaluation is completed. The World Bank given no objection for opening of financial bids on 05.10.2023, the financial bid was opened on 06.10.2023. the certain complaints were received in respect of registration /certifications of dredgers. As per the resolution and recommendations of IWAI board, the tender was cancelled.

Re-tendered on 03.01.24, the pre bid meeting was held on 12.01.24, the bid was opened on 07.02.2024 and 03 out of 05 bids were found technically responsive. The combined evaluation report was cleared by the World Bank on 15.03.2024. the LOA was issued to the successful bidder on 15.03.2024.

- Tender for Fairway maintenance Farakka – Kahalgaon (146 Km) stretch of NW-1 was published on 19.06.2023, the Pre bid meeting was held on 26.06.2023, the bid was opened on 04.08.2023 where 02 bid was received and technical evaluation is completed. The financial bids were opened on 09.10.2023. the certain complaints were received in respect of registration/certifications of dredgers. As per the resolutions and recommendations of IWAI board, the tender was cancelled.

Re-tendered on 03.01.24, the pre bid meeting was held on 10.01.24, the bid was opened on 07.02.2024 where 04 bids were found technically responsive, the financial bid was opened on 26.02.2024, the LOA was issued to the successful bidder on 08.03.2024 and the contract agreement was signed on 28.03.2024

- Tender for River Bend Correction in upstream approach channel of New Navigation Lock Gate at Farkka, was published on 25.06.2022 and pre-bid meeting was held on 04.07.2022. the technical bids were opened on 04.08.2022. The tender was cancelled as all the 3 bids were nonresponsive/invalid.

The work was re-tendered on 22.06.2023, the Pre-bid meeting was held on 03.07.2023, the bid was opened on 23.08.2023 where 01 bid was received. The tender was cancelled as the bidder was found non-responsive. Again, tender was republished on 13.10.2023, the Pre-bid meeting was held on 23.10.2023, the Tender was opened on 27.12.2023 where no bid was received. Tender published fourth time on 14.02.2024 and the pre-bid meeting was held on 21.02.2024. the bids were opened on 13.03.2024 where no bid was received. Now, the work proposed to be undertaken departmentally.

- Tender for the Haldia Access channel was published on 17.06.2022, the Pre-bid meeting was held on 29.06.2022, the technical bids were opened on 18.08.2022, where Single bid was received. The IWAI Board recommended for the cancellation of tender. Thereafter re-tendered on 12.01.2023, the pre-bid meeting was held on 23.01.2023. the bids was opened on 06.04.2023, where 02 bids was received, the technical evaluation was completed and ‘No objection’ of the World Bank was received on 06.10.2023, the financial bids opened on 09.10.2023. the certain complaints have been received in respect of registration/certifications of dredgers. As per the resolution and recommendations of IWAI board, the tender was cancelled.

Re-tendered on 04.01.24, the pre bid meeting was held on 15.01.24, the bid submission was due on 12.04.2024

- 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 HDPE jetties (schedule A) is in pre-tendering stage.
- 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 opened on 14.03.2024. Technical evaluation is under progress

West Bengal

- 11 HDPE Jetties - Contract agreement signed on 14.08.2023 and work is in progress.
 - 07 Steel Jetties – Re-tender floated on 28.02.2024 and bid submission due on 08.04.2024
 - 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 & bid submission is due on 03.04.2024
- 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. LOA issued to on 22.08.2023. Contract agreement signed on 12.10.2023 and work in progress.
 - Contract for consultancy services for preparation of DPR for modernization/renovation of existing navigation lock at Farakka was signed on 11.01.2022.

Works

- NIT (1st call) issued on 08.05.2023, bid opened on 26.09.2023. (No bids received)
- The work was Re-tendered duly modifying the qualification criteria on the basis of input received from prospective bidders. NIT re-

tendered on 24.11.2023 and bid 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. Now, To be 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.

** As conditional extension of JMVP has been granted by the World Bank, therefore for calculating progress the cost of Rs. 4633.81 Cr. has been considered*