

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

Status of implementation as on 29.02.2024

1. Jal Marg Vikas Project (JMVP) on National Waterway-1 (NW-1) from Haldia to Varanasi (1390 km) 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 JMVP was revised to Rs. 4,633.81 crores from the original estimated cost of Rs. 5,369.18 crores approved by the CCEA on 03.01.2018, 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 includes 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) has 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 will get reduced to USD 317.22 million.

6. The project implementation is planned to be completed by December 2023. Extension of Jal Marg Vikas Project up to 2026 was requested and further clarifications were provided to MoPSW on 21.02.2023. Further MoPSW vide their dated 19.04.2023 sought clarification's on DPR along with detailed feasibility report of the project and timelines etc. The clarification was forwarded to MoPSW vide IWAI letter dated 28.04.2023. MoPSW vide their letter dated 16.05.2023 sought clarification on observation of their Internal Finance Wing, IWAI vide their letter dated. 25.05.2023 provided clarifications to the observations of Internal Finance Wing, MoPSW. thereafter, MoPSW vide their email forwarded DEA, OM dated. 12.10.2023 to provide undertaking on five points with approval of IFD, the IWAI has provided the comments on 02.11.2023

The World Bank vide letter dated 22.12.2023 to DEA by endorsing IWAI 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 on April 2024.

The project has achieved an overall financial progress 61.25%. of revised cost and physical progress of 61.44 %. 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.
- Contracts for providing Least Assured Depth of 3 m and bottom channel width of 45 m on the stretch between Farakka – Kahalgaon, Sultanganj-Mahendrapur and Mahendrapur-Barh have been awarded on 09.04.2018, 12.04.2019 and 12.04.2019 respectively and are currently in progress with Progress: (1) Farakka - Kahalgaon stretch: Rs 196.79 cr.; (2) Sultanganj - Mahendrapur stretch: Rs 148.91 cr.; and (3) Mahendrapur-Barh stretch: Rs 153.22 cr.
- Construction of IMT -Terminal at Kalughat: The contract has been signed on 26.11.2021. Agency has mobilized at site. Physical progress stands at 95.10% and financial at 86.06%
 - Piling of jetty completed.
 - Construction of approach trestle and jetty completed.
 - First floor slab casting of TAB & WAB building and brick work completed. Works for firefighting & ETP cum STP in progress
 - Construction of boundary wall is in progress. 120 meter boundary wall is stopped due to local agitation.
 - Finishing work of electrical substation building in progress.
 - 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.
 - Procurement & testing of mechanical and electrical equipment in progress.
 - Provisional EOT approved up to 31.03.2024.
- Tender for TSSC cum PMC for supervision services at IMT Kalughat - LOA to the consultant (M/s Arkitechno Consultants India Pvt Limited) has been issued on 11.05.2022. The consultant has mobilized on-site on 01.06. 2022 and work is in progress.
- Solid-Liquid Waste Collector - Work was awarded on 12.03.2022 to M/s TPS Pvt Ltd. The equipment has been delivered to the site and work has been completed.
- Tender for Tender for the Haldia Access channel was floated on 17.06.2022. Pre-bid was held on 29.06.2022. Technical bids opened on 18.08.2022. Single bid received. The IWAI Board have recommended cancellation of tender. Fresh tender has been floated on 12.01.2023 and pre-bid has conducted on 23.01.2023. Bids opened on 06.04.2023 and 02 bids have been received. Technical evaluation completed and No objection was given by the World Bank on 06.10.2023. Financial bids opened on 09.10.2023. Certain complaints were received in respect of registration/certifications of dredgers. As per the resolution and recommendations of IWAI Board, the tender was cancelled. Fresh tender was published on 04.01.24 and pre bid meeting was held on 15.01.24. Bid submission due on 06.03.2024.
- Barh – Digha (74 Km) – Tender published on 27.04.2023 and bids opened on 11.07.2023. 3 bids received and technical evaluation completed. Tender cancelled due to non-responsive bids of all bidders. Now, Fresh tender released on 19.02.2024 and pre-bid meeting held on 26.02.2024. Bid submission is due on 14.03.2024.
- Digha -Majahua stretch (95 Km) – Tender floated on 28.02.2023 and pre-bid held on 10.03.2023. bid opened on 23.05.2023. Tender has been cancelled due to single bid received. Re-tendered on 14.09.2023 and pre bid held on 22.09.2023. Bids opened on 26.12.2023. Two bids received. Technical & Financial evaluation completed. LOA issued on 31.01.2024.
- Majhaua – Ghazipur (115 Km): Tender published on 28.04.2023, Pre-bid meeting was held on 10.05.2023. Bids opened on 04.07.2023. Tender has been cancelled due to single bid received. Re-tendered on 05.09.2023. Pre-bid meeting held on 15.09.2023. Bids opened on 03.01.2024. Tender has been cancelled due to single bid received.

- Trebeni - Farakka Stretch -Stretch has been divided into 2 parts after 3 failed attempts, the status of the stretches are as follows
 - (i) Farakka – Katwa (199 km) – NIT has been floated on 5th January 2023 and pre-bid held on 16th January 2023. Bid opened on 05.04.2023 and 04 bids received. Technical evaluation completed and all 04 bidders have technically qualified. Financial bids opened on 03.10.2023. Certain complaints were received in respect of registration/certifications of dredgers. As per the resolution and recommendations of IWAI board, the earlier tender was cancelled. Now, NIT was published on 03.01.24 and pre bid meeting was held on 11.01.24. Bids opened on 31.01.2024 and 03 bids were found technically responsive. Financial bids were opened on 27.02.2024 and financial evaluation is under progress.
 - (ii) Katwa- Tribeni (152 km) – NIT has been floated on 19th January and pre-bid held on 19th January 2023. Bid opened on 03.04.2023 and Four bids have been received. Technical evaluation completed. The world bank gave no objection for opening of financial bids on 05.10.2023. Financial bids opened on 06.10.2023. 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. Now, fresh NIT was published on 03.01.24 and pre bid meeting was held on 12.01.24. Bids opened on 07.02.2024 and 03 out of 05 bids were found technically responsive. The technical evaluation report was sent to the World Bank and the interim response is under examination.
- Tender for river bend correction at upstream approach channel, new navigation lock at Farakka has been floated on 25.06.2022 and pre-bid was held on 04.07.2022. Technical bids were opened on 04.08.2022. The tender has been cancelled as all the 3 bids were nonresponsive/invalid. Now, the work was re-tendered. NIT was floated on 22.06.2023. Bids opened on 23.08.2023 and 01 bid was received. Tender was cancelled as the bidder was found non-responsive. Re - tendered on 13.10.2023 and Pre-bid meeting was held on 23.10.2023. Tender was opened on 27.12.2023. No bids received.
- Tender for Fire protection works at MMT Haldia has been floated on 14.02.2023. Prebid held on 24.02.2023 and bids opened on 14.03.2023, technical evaluation completed, and notification of award issued on 18.05.2023. Works in progress.
- Tender for Fairway maintenance Farakka – Kahalgaon (146 Km) stretch of NW-1 has been floated on 19.06.2023, Pre bid held on 26.06.2023, Bids opened on 04.08.2023. 02 bids received and technical evaluation completed. Financial bids opened on 09.10.2023. 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. Now, fresh NIT was published on 03.01.24 and pre bid meeting was held on 10.01.24. Bids opened on 07.02.2024 and 04 bids were found technically responsive Financial bids opened on 26.02.2024 and under evaluation.

- **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 bid opening scheduled on 07.03.2024.

- **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.
- 04 Concrete Jetties - Bid opened on 04.10.2023, LOA issued on 07.11.2023.
- Onshore Facilities – 10 locations - Target of NIT in February 2024, Award of Work by April 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 received and technical evaluation under progress

TSSC

- Tender floated on 04.08.2023 and bids opened on 22.12.2023. Technical evaluation under progress.