

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

Status of implementation as on 30.11.2023

1. Jal Marg Vikas Project (JMVP) on National Waterway-1 (NW-1) from Haldia to Varanasi (1390 km) was approved by the CCEA on 3rd January 2018 at a cost of Rs. 5369.18 crores. The loan agreement with the World Bank was signed on 2nd February 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 12th June 2017.
 - (ii) Coastal Regulation Zone clearance for the Haldia multimodal terminal on 6th November 2017.
 - (iii) Clearances from the Ministry of WR, RD & GR and NGRBA for the new navigation lock at Farakka on 28th February 2016.
 - (iv) MoEF&CC confirmed that inland waterways, terminals, jetties etc. are not covered under EIA Notification, 2006 requiring prior environmental clearance on 21st December 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 has been requested and further clarifications were provided to MoPSW on 21.02.2023. Further MoPSW vide their dated 19.04.2023 sought clarifications 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 project has achieved an overall financial progress 59.35%. of revised cost and physical progress of 59.89 %. 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 99.25 % and the project has been inaugurated by Hon'ble Prime Minister on 17th October 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 09th April 2018, 12th April 2019 and 12th April 2019 respectively and are currently in progress with Progress: (1) Farakka - Kahalgaon stretch: ₹ 185.79 cr.; (2) Sultanganj - Mahendrapur stretch: ₹ 134.56 cr.; and (3) Mahendrapur-Barh stretch: 131.66 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 80.1% and financial at 67.55%
 - Piling of approach trussle completed
 - First floor slab casting of TAB & WAB building and brick work completed. Finishing works in progress.
 - Construction of boundary wall is in progress
 - First floor slab casting of electrical sub-station building in progress.
 - Work for the underground water tank completed, testing of UGWT to be started
 - Construction work for Over Head Water Tank (OHT), Security room and Weigh Bridge control room completed. Finishing works commenced
 - Stockyard area work in progress
 - Road works in progress.
 - Procurement of mechanical and electrical equipment in progress
- 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 1st June 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 technical evaluation has been completed. The IWAI Board have recommended the cancellation of tender. Fresh tender has been floated on 12th January 2023 and pre-bid has conducted on 23rd January 2023. Bids opened on 06.04.2023 and 02 bids have been received. Technical evaluation completed and No objection was given by World bank on 06.10.2023. Financial bids opened on 09.10.2023. Certain complaints have been received in respect of registration/certifications of dredgers. TEC has recommended for physical inspection of mandatory equipment through IRS and the same are being inspected before considering Award of Work.
- Digha -Majahua stretch (95 Km) – Tender floated on 28.02.2023 and pre-bid scheduled 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 minutes are under approval. Bid submission is due on 15.12.2023.
- Barh – Digha (74 Km) – Tender published on 27.04.2023 and bids opened on 11.07.2023. 3 bids received and technical evaluation under process.
- Digha -Majahua stretch (95 Km) – Tender floated on 28.02.2023 and pre-bid scheduled on 10.03.2023. bid opened on 23.05.2023. Tender has been canceled due to single bid received. Re-tendered on 14.09.2023 and pre bid minutes are under approval. Bid submission is due on 15.12.2023.
- 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 have been received. Technical evaluation completed and all 04 bidders have technically qualified. Financial bids opened on 03.10.2023. Certain complaints have been received in respect of registration/certifications of dredgers. TEC has recommended for physical inspection of mandatory equipment through IRS and the same are being inspected before considering Award of Work.
 - (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 04 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. TEC has recommended for physical inspection of mandatory equipment through IRS and the same are being inspected before considering Award of Work.

- Tender for river bend correction at upstream approach channel, new navigation lock at Farkka 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, and NIT was floated on 22nd June 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. Bid submission due on 13.12.2023
- 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 commenced and expected to complete by December 2023
- Tender for Fairway maintenance Farakka – Kahelgaon (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 evaluation completed. The evaluation report has been submitted to competent authority for approval
- 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 to L1 bidder. 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 targeted by December 2023

West Bengal

- 11 HDPE Jetties - Contract agreement signed on 14.08.2023 and work is in progress.
- 07 Steel Jetties -Bid opened on 04.10.2023, Bids received from 4 Agencies, Technical Evaluation in Progress.
- 04 Concrete Jetties - Bid opened on 04.10.2023, LOA issued on 07.11.2023.

- Onshore Facilities – 10 locations - Target of NIT in December 2023, AOW by Jan-24.
- 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.
 - i. NIT (1st call) issued on 08.05.2023, bid opened on 26.09.2023. (No bids received)
 - ii. The work was Re-tendered duly modifying the qualification criteria's on the basis of input received from prospective bidders. NIT re-tendered on 24.11.2023 and bid opening scheduled on 28.12.2023.