

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

Status of implementation as on 31.12.2022.

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 (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 & 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 and is progressing as per this time schedule. The project has achieved an overall financial progress of about 48.10% of the revised cost of JMVP and the physical progress is about 48.58 %. Present status of major civil works is as under:

- Constructions of multi-modal terminals at Varanasi and Sahibganj have been completed
- Multimodal terminal at Haldia and the Navigational Lock at Farakka have achieved physical progress of 99.5 % and 95.79% each respectively
- 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 financial progress of Rs. 147.52 crores, Rs. 57.36 crores and Rs. 46.14 crores respectively
- Dredging Management Plan (DMP) in consultation with Expert Committee including NTCPWC, IIT Madras has been prepared and approved by IWAI Board for implementation
- Construction of IMT – Terminal at Kalughat, NIT was released on 17.12.2020; the pre-bid meeting held on 06.01.2021. Tender was opened on 30.03.2021. Bid Evaluation Report forwarded to World Bank and NOC from World Bank received on 30.08.2021. Notification of Award issued on 10.09.2021.
The contract has been signed on 26.11.2021. Agency has mobilized at site. Physical progress stands at 28 % and financial at 14.9 %
 - Piling of approach tussle completed
 - Foundation work of workers administrative building completed
 - Construction of boundary wall is in progress
 - Pilling work of Jetty is in progress
 - Casting of super structure elements has started at site.
 - Slab casting preparation work for WAB & TAB in progress.
- Tender process for the remaining civil construction works of the project is in progress and majority of the procurement works are expected to be completed by June 2023
- Tender for TSSC IV cum PMC for supervision services at IMT Kalughat was floated on 28.10.2021. Technical Bids were opened on 17.12.2021. Financial bid opened on 30.03.2022 and LOA to consultant (M/s Arkitechno Consultants India Pvt Limited) has been issued on 11.05.2022. Consultant has mobilized on site from 01st June 2022 and work is in progress
- Tender for Solid- Liquid Waste Collector has been released on 03.12.2021; pre-bid held on 13.12.2021. Technical bids opened on 03.01.2022 where 3 bids were received. Financial bid has been opened on 16.02.2022 and work

has been awarded to TPS Infra Pvt ltd. The equipment has been supplied to the respective sites and work has been completed.

- 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 board has recommended the cancellation of tender, file to be put up for re-tendering.
- Tribeni - Farakka – NIT for this stretch has been released on 21.11.2020. Tender was opened on 04.03.2021 and only one bid was received. After receiving “No Objection” from the World Bank the tender has been cancelled.
Tender for Tribeni – Farakka stretch was again floated on 19.08.2021. Pre-bid held on 31.08.2021. Bids opened on 12.11.2021. Three bids have been received. Price bids for technically qualified bidders opened on 28.12.2021 and found to be 62.73% higher than the cost estimated. The tender was recommended for closure.
Fresh tender on Least Assured depth basis has been floated on 11.05.2022. The pre-bid meeting was held on 20.05.2022. technical bid opened on 22.08.2022. Single bid received and Technical Evaluation has been completed. The tender has been cancelled vide board meeting no 181 on account of single bid received. File for re-tendering is being put up.
- 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 bid opened on 04.08.2022 and technical evaluation is under progress.