

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

### Status of implementation as on 31.07.2023

1. Jal Marg Vikas Project (JMVP) on National Waterway-1 (NW-1) from Haldia to Varanasi (1390 km) was approved by the CCEA on 3<sup>rd</sup> January 2018 at a cost of Rs. 5369.18 crores. The loan agreement with the World Bank was signed on 2<sup>nd</sup> 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 12<sup>th</sup> June 2017.
  - (ii) Coastal Regulation Zone clearance for the Haldia multimodal terminal on 6<sup>th</sup> November 2017.
  - (iii) Clearances from the Ministry of WR, RD & GR and NGRBA for the new navigation lock at Farakka on 28<sup>th</sup> February 2016.
  - (iv) MoEF&CC confirmed that inland waterways, terminals, jetties etc. are not covered under EIA Notification, 2006 requiring prior environmental clearance on 21<sup>st</sup> 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 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.

The project has achieved an overall financial progress of about 53.92 % of the revised cost of JMVP and the physical progress is about 54.20%. Present status of major civil works is as under:

- Constructions of multi-modal terminals at Varanasi and Sahibganj and Haldia have been completed.
- Navigational Lock at Farakka have achieved physical progress of 98.53 % 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 09<sup>th</sup> April 2018, 12<sup>th</sup> April 2019 and 12<sup>th</sup> April 2019 respectively and are currently in progress with Financial Progress: (1) Farakka - Kahalgaon stretch: ₹ 179.98 cr.; (2) Sultanganj - Mahendrapur stretch: ₹ 110.22 cr.; and (3) Mahendrapur-Barh stretch: 103.65 cr..
- 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 :The contract has been signed on 26.11.2021. Agency has mobilized at site. Physical progress stands at 65.5% and financial at 50.93%
  - Piling of approach trussle completed
  - First floor slab casting of TAB & WAB building completed and brick work is in progress
  - Construction of boundary wall is in progress
  - Pilling work of Jetty has been completed
  - Casting of super structure elements of jetty are in progress.
  - Foundation work for electrical sub-station building completed
  - Work for the underground water tank completed
  - Construction work for Over Head Water Tank (OHT), Security room and Weigh Bridge control room in progress
  - Bank protection work completed
  - Storm water drainage works is Completed.
  - Stockyard rea work started.
- 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 01<sup>st</sup> 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 site's 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 under progress.
- 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-tendering in process.
- Barh – Digha (74 Km) – Tender published on 27.04.2023, 3 bids received and technical evaluation under process.
- Majhaua – Ghazipur (115 Km): Tender published on 28.04.2023, Pre-bid meeting was held on 10.05.2023. Tender has been cancelled due to single bid received. Re-tendering in process.
- 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 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 04 bids have been received. Technical evaluation is under progress.

- 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 has been re-tendered, bid document has been prepared and approved.

Tender floated on 22.06.2023. Prebid held on 03.07.2023 and bis opened on 23.07.2023. 01 bid received and technical evaluation under process.

- 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.
  
- Development of community jetties under JMVP-II
  - Uttar Pradesh
    - HDPE 08 jetties completed
    - NIT issued for onshore facilities at 10 locations
  - Bihar & Jharkhand
    - HDPE 09 jetties (works in progress, Physical progress 60%)
    - Steel 13 jetties ( works in progress, Physical progress 65%)
  - West Bengal
    - HDPE 11 jetties – LOA issued on 27/06/2023
    - Concrete Jetties 04 Nos (NIT issued on 07/07/2023)
  
- Quick Pontoon Opening Mechanism (02 pilot locations) - kulfi system. DPR prepared and approved. NIT floated on 21.04.2023 & bids opened on 16.06.2023. Technical evaluation under progress
  
- Modernization/ renovation of existing navigation lock at Farakka under JMVP-II - Duly vetted DPR from IIT Kharagpur received on 28.04.2023. NIT issued on 08.05.2023, bid opening scheduled on 03.08.2023