

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

Status of implementation as on 31.03.2021.

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 (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 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 and is progressing as per this time schedule. The project has achieved an overall financial progress of about 40.38% of the revised cost of JMVP and the physical progress is about 42.11%. Present status of civil works is as under:

- Constructions of multi-modal terminals at Varanasi and Sahibganj have been completed and that of the multimodal terminal at Haldia and the Navigational Lock at Farakka have achieved substantial progress with 97.01% and 82.42% 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 of Rs. 93.86 crores, Rs. 32.07 crores and Rs. 30.19 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.
- 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 end of FY 20 or by first quarter of FY21.

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