

**Status of the Major Projects of Inland Waterways Authority of India**

**PROJECT DESCRIPTION: JAL MARG VIKAS PROJECT FOR CAPACITY AUGMENTATION OF NAVIGATION ON NATIONAL WATERWAY-1**

Sl. No	Project Activity	Timeline	Status as on 31 <sup>st</sup> August, 2019
<b>1.</b>	<b>PRE-INVESTMENT ACTIVITIES</b>		
1.1	Institutional arrangements.	November, 2014	<ul style="list-style-type: none"> <li>• Setting up of Project Management Unit: June, 2014.</li> <li>• Designation of IWAI as the Project Implementing Agency: October, 2014.</li> <li>• Constitution of Project Oversight Committee (POC) to give critical guidance and evaluation of the project: September, 2014.</li> <li>• Setting up Project Implementation Units at Patna and Kolkata - April, 2016; at Varanasi, Sahibganj, Farakka and Haldia – April, 2018.</li> <li>• Setting up a Public Grievance Redress Mechanism with a Toll Free Telephone (No.1800-180-4152): December, 2016.</li> <li>• Setting up a Project Monitoring Cell for monitoring implementation of critical sub-projects of Jal Marg Vikas Project: 20.08.2018.</li> </ul>
1.2	Detailed Feasibility Study on NW-1 and Detailed Engineering for Ancillary Works.	August, 2016	<ul style="list-style-type: none"> <li>• The Consultant: Joint venture of M/s Howe Engineering Projects (India) Pvt. Ltd., M/s HR Wallingford Ltd and M/s PMC Projects (India) Pvt. Ltd.</li> <li>• Date of award: 25.05.2015.</li> <li>• Status: Study ongoing.</li> </ul>
1.3	Environmental and Social Impact Assessment (ESIA), Environmental Management Plan (EMP) and Resettlement Action Plan (RAP)	November, 2015	<ul style="list-style-type: none"> <li>• The Consultant: Joint Venture of M/s. EQMS India Pvt. Ltd., M/s. Abnaki Infrastructure Application &amp; Integrated Development Pvt. Ltd. and IRG Systems South Asia Pvt. Ltd.</li> <li>• Date of award: 24.03.2015.</li> <li>• Status: Study completed.</li> <li>• Consultant for EIA and EMP Study for Ghazipur and Kalughat terminals: M/s EQMS.</li> <li>• Date of award: 22.11.17.</li> <li>• Status: Draft EIA and EMP reports for both Ghazipur and Kalughat terminals submitted and referred to the World Bank for review under the Bank guidelines. The observations made by the World Bank on 24.06.19 have been forwarded to the Consultant on 15.07.19 for updating the report.</li> </ul>

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1.4	IWT sector development Strategy and Market Development Study on NW-1	April, 2016	<ul style="list-style-type: none"> <li>• The Consultancy: Joint Venture of M/s. Hamburg Port Consulting, M/s. Universal Transport Consulting, M/s. IMS Ingenieurgesellschaft Gmbh and M/s. Ramboll India.</li> <li>• Date of award: 24.04.2015.</li> <li>• Status: Study completed.</li> </ul>
1.5	Support Services for Design of Inland vessels and Ship Model Testing.		<ul style="list-style-type: none"> <li>• The Consultant: M/s DST, Germany.</li> <li>• Date of award: 19.08.2016.</li> <li>• Status: Consultancy completed with submission of stipulated 13 designs. Model Testing and two witness visits to DST Germany were conducted. Designs have been accepted and uploaded on IWAI website.</li> <li>• A proposal was sent to the Ministry of Shipping in May, 2019 for procurement/construction of vessels by IWAI for deployment on NW-1 as a pilot project to kick-start the vessel manufacturing. They, however, conveyed on 02.17.19 that the construction of vessels based on these designs should be left to the private operators.</li> </ul>
1.6	Consultancy services for planning and implementation of commercialization on NW-1	June, 2019	<ul style="list-style-type: none"> <li>• The Consultant: M/s Hamburg Port Consulting.</li> <li>• Date of award: 31.01.2017.</li> <li>• Status: 18, out of 20, pilot movements of vessels conducted.</li> </ul>
1.7	Project preparatory and definition study for development of ferry services on NW-1.	June, 2019	<ul style="list-style-type: none"> <li>• Consultant: JV of M/s Thompson Design Group and Massachusetts Institute of Technology/IAL.</li> <li>• Date of award: 21.12.2016.</li> <li>• Status: Consultancy covers preparation of DPRs for the ferry services at Munger, Bhagalpur, Kolkata and Haldia. Pre-feasibility reports, schematic designs and specification drawings and DPR for Varanasi and Patna have been submitted by the Consultants. These have been accepted.</li> </ul>
1.8	Communications Needs Assessment Study for Jal Marg Vikas Project for capacity augmentation of navigational infrastructure on National Waterway-1.	May, 2017	<ul style="list-style-type: none"> <li>• Consultant: M/s. AMS Consulting (P) Limited, Lucknow.</li> <li>• Date of award: 05.01.2017.</li> <li>• Status: Report submitted by the Consultant, which has been accepted and follow up action is being taken.</li> <li>• A 26- day Outreach Programme was conducted from 16<sup>th</sup> July to 09<sup>th</sup> August, 2018 at</li> </ul>

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			various locations in the States of Uttar Pradesh, Bihar, Jharkhand and West Bengal.
1.9	Designing of JMVP website.	14 weeks after signing the contract.	<ul style="list-style-type: none"> <li>Contractor: M/s. Compton Computers Pvt. Ltd, Kalkaji, Delhi.</li> <li>Date of award: 07.07.2017.</li> <li>Status: The website is live.</li> </ul>
1.10	Consultancy services for study on the effect of navigational activities on dolphins in NW-1	One year after award of work.	<ul style="list-style-type: none"> <li>Consultant: M/s EQMS.</li> <li>Date of award: 20.12.2017.</li> <li>Preliminary report submitted in July, 2018.</li> <li>Status: Preliminary report submitted on 03.07.2019</li> </ul>
1.11	Risk Assessment and Disaster Management Plan for NW-1	6 months after award of work.	<ul style="list-style-type: none"> <li>Consultants: M/s Kitco Limited, Kochi.</li> <li>Date of Award: 04.04.2018</li> <li>Value : ₹ 69,47,425/-</li> <li>Status: Final Draft Reports submitted by the Consultant on 14.07.2019.</li> </ul>
1.12	Consultancy Services for Asset Management & Operation Framework Development for NW-1	65 weeks after signing the contract	<ul style="list-style-type: none"> <li>Consultants: (1) M/s KPMG Advisory Services P. Ltd.; (2) M/s Maritime &amp; Transport Business Solutions B.V.; and (3) Advaita Legal.</li> <li>Date of Award: 13<sup>th</sup> February, 2018</li> <li>Value: ₹7.95 crores.</li> <li>The Consultant has proposed operation, management and development (OMD) of the multimodal terminal at Varanasi and Sahibganj under the PPP model on tender-cum-auction basis. The Consultant has submitted RFQ, RFP and Agreement for OMD for both the multimodal terminals.</li> <li>The Public Private Partnership Appraisal Committee (PPPAC) headed by Finance Secretary &amp; Secretary (Economic Affairs) in its 87<sup>th</sup> meeting held on 19<sup>th</sup> June, 2019 considered the proposal for OMD of the Multimodal Terminal at Varanasi on PPP mode and recommended the same. After approval of the Competent Authority, RFP issued on 25.07.2019. Pre-bid meeting with the prospective bidders was held on 19.08.2019.</li> <li>RFP for the MMT Varanasi issued on 25.07.19 and pre-bid meeting held on 19.08.19.</li> <li>RFP for Sahibganj MMT issued on 14.08.2019.</li> </ul>

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1.13	Technical Support Services Consultants		<p><b><u>For Project on Varanasi-Sahibganj Stretch (TSSC-I)</u></b>  Contractor: JV of M/s Egis India Consulting Engineers Pvt. Ltd &amp; Egis France International.</p> <ul style="list-style-type: none"> <li>• Date of Award: 22.01.2018.</li> <li>• Date of Mobilization at site: 24.02.2018</li> <li>• MIS Expert -cum-Project Coordinator has been deployed at JMVP, Noida</li> <li>• Team Leader stationed at Varanasi, Uttar Pradesh.</li> </ul> <p><b><u>For projects on Farakka and Haldia stretch (TSSC-II)</u></b></p> <ul style="list-style-type: none"> <li>• Contractor: Joint Venture of M/s Arkitechno Consultants (I) Pvt. Ltd, Bhubaneswar and M/s IR CLASS Systems &amp; Structures Pvt. Ltd., Mumbai</li> <li>• Date of award: 08.11.2017.</li> <li>• Date of Mobilization at site: 15.11.2017</li> <li>• Project Coordinator deployed at JMVP, Noida</li> <li>• Various Key-experts deployed at respective sites for supervision and monitoring.</li> </ul> <p><b><u>For supervision of dredging contracts (TSSC-III)</u></b></p> <ul style="list-style-type: none"> <li>• After receiving NOC for the ToR from the World Bank, Notice inviting EoIs was published on 27.09.18; Pre-proposal discussions were held on 11.10.18.</li> <li>• After obtaining the ‘no objection’ of the World Bank, RFP was issued to the shortlisted vendors on 20.02.19.</li> <li>• Technical bids were opened on 25.04.19 and the Technical Evaluation Report was sent to the World Bank on 12.06.19 for their NOC for opening the price bids. On receipt of the same, the price bids were opened on 12.07.19. NoC on the combined bid evaluation report from the World Bank was received on 06.08.2019. Pre-award discussions were held on 28.08.2019.</li> </ul>
1.14	Implementation of Resettlement Action Plan for Sahibganj.		“No objection” from the World Bank on the draft ToR was received on 26.07.2019. EoI published on 09.08.19. EoIs opened on 26.08.19 and are under evaluation.
1.15	ESIA, EMP and RAP for additional interventions in JMVP	6 months	Consultancy awarded to M/s Eco Chem Sales & Services on 27.02.2019 and the study is in progress.

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1.16	Setting up of Digital Control Centre		EoI published on 30.5.2018 with opening date as 27.06.2018. As no response was received, procurement action has been dropped.
1.17	Geo-technical Investigation for bank protection and Ro-Ro locations at various locations on NW-1.		RFP issued on 30.05.2018. Technical bid opened on 29.06.2018 and the bids evaluated. Due to change in the scope of work, Procurement action has been dropped.
1.18	Appraisal of the Project by PIB	June 2018	<ul style="list-style-type: none"> <li>Dates of appraisal: 03.01.2017 and 06.03.2017.</li> <li>Estimated project cost: ₹. 5,369.18 Crore.</li> <li>Recommendation: After resolving the issue of requirement of environment clearance for maintenance dredging, the proposal may be placed before the Cabinet for approval.</li> <li>Status: MoEF&amp;CC conveyed on 21.12.2017 their decision that maintenance dredging in rivers do not require prior environment clearance and cleared the proposal for implementation subject to IWAI implementing certain environment safety measures prescribed by MoEF&amp;CC.</li> <li>CCEA approved the project proposal on 03.01.2018.</li> </ul>
1.19	IBRD Loan approval	June, 2018	The Board of the Executive Directors of International Bank for Reconstruction & Development approved a loan of USD 375 million. (Loan No.8752-IN) on 12.04.2017. Loan Agreement and Project Agreement relating to the IBRD loan were signed on 02.02.2018 between the World Bank and the Department of Economic Affairs & IWAI. Both these documents have become effective from 23 <sup>rd</sup> March, 2018.
<b>2.</b>	<b>PROJECT IMPLEMENTATION</b>		
<b>2.1</b>	<b>Construction of Multi-modal terminal at Haldia</b>	January, 2020	<p><b>Land:</b></p> <ul style="list-style-type: none"> <li>61 acres of land in the Haldia Dock Complex have been taken on 30-year lease from the Kolkata Port Trust. Registration of land was completed on 23.04.2018.</li> <li>Cost of lease: ₹40.22 cr. including one time premium.</li> <li>Cost of registration of land: ₹3.25 crore.</li> </ul> <p><b>Clearances:</b> MoEF&amp;CC granted formal CRZ clearance on 06.11.2017.</p>

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			<p><b><u>Civil construction:</u></b></p> <ul style="list-style-type: none"> <li>• Date of appraisal by SFC: 17.08.2016 and 05.10.2016.</li> <li>• Estimated cost at which appraised: ₹495 crores for Phase-I.</li> <li>• Contractor: M/s ITD Cementation India Ltd.</li> <li>• Date of award of work contract: 30.06.2017.</li> <li>• Cost at which awarded: ₹517.36 crore.</li> <li>• Terminal Capacity: 3.18 MTPA</li> <li>• Start date of the project: July, 2017.</li> <li>• Completion date of the project: January, 2020</li> <li>• Physical progress: 65.2%</li> <li>• Financial progress: ₹ 271.48 crores.</li> </ul> <p><b><u>Rail Connectivity:</u></b></p> <ul style="list-style-type: none"> <li>• M/s RITES has been appointed as the Consultant for development of rail connectivity to the Terminal. The Consultant completed the field survey in August, 2018 and proposed three alternate alignments, of which one alignment on a 10.166 acres of land, has been accepted as feasible by Haldia Dock Complex (HDC). M/s RITES is preparing the Engineering Scale Plan (ESP) of this alignment. IWAI has already filed a requisition for transfer of 10.166 acres of land for rail connectivity with HDC.</li> </ul>
2.2 (a)	Construction of Multi-modal terminal at Varanasi (Phase-I)	August, 2018	<p><b><u>Land: (a) For Phase-I(A)-</u></b> 5.586 hectares already in the possession of IWAI at Ram Nagar, Varanasi.</p> <p><b><u>(b) For road connectivity:</u></b></p> <ul style="list-style-type: none"> <li>• Connectivity: From the terminal to NH-7.</li> <li>• Requirement of land: 1.415 ha. located in the Districts of Varanasi and Chandauli. Of this, 0.823 ha. (0.053 ha Govt land and .770 ha. private land) is located in Varanasi and 0.592 (Trust land) is in Chandauli.</li> <li>• Date of filing requisition: 23.04.2015.</li> <li>• 0.527 ha of land already transferred to IWAI. ₹3.8 crore has been paid to land owners.</li> <li>• 0.592 ha of trust land will be transferred to IWAI after the verdict by the Allahabad High Court. In the meantime, IWAI has been permitted to construct the road on this land by the High Court, which has since been completed. ₹4.54 crore has already been transferred to</li> </ul>

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			<p>IWAI, Patna.</p> <ul style="list-style-type: none"> <li>• The remaining 0.297 ha. of land, which was initially government land, was handed over by the District Administration to cultivators. The order subsequently issued by the Divisional Commissioner making the above handing over null and void has been challenged by the Cultivators in the Allahabad High Court.</li> </ul> <p><b><u>Clearances:</u></b> The Standing Committee of National Board for Wildlife, in its meeting held on 15.05.17, recommended grant of permission for movement and plying of inland vessels through the Kashi Turtle Wild Life Sanctuary at Varanasi subject to IWAI taking the standard mitigation measures prescribed by the Wildlife Institute of India and conditions prescribed by the State Chief Wildlife Warden.</p> <p><b><u>Civil Construction.</u></b></p> <ul style="list-style-type: none"> <li>• Date of appraisal by SFC: 09.12.2015.</li> <li>• Estimated cost at which appraised: 196.84 cr. for Phase-I (A).</li> <li>• Contractor: M/s AFCONS Infrastructure Ltd.</li> <li>• Date of award: 13.05.2016.</li> <li>• Cost at which awarded: ₹169.59 crore.</li> <li>• Terminal Capacity: 1.26 MTPA</li> <li>• Hon’ble Minister for Shipping, Road Transport and Highways laid the foundation stone on 12.08. 2016.</li> <li>• Targeted completion date of the project: November, 2018.</li> <li>• Physical progress: 99.78%.</li> <li>• Financial progress: ₹ 177.18 Cr.</li> <li>• Hon’ble Prime Minister inaugurated Terminal on 12.11.2018 in the presence of Hon’ble Chief Minister of Uttar Pradesh, the Hon’ble Union Minister for Road Transport &amp; Highways, Shipping and Water Resources, River Development &amp; Ganga Rejuvenation and the Hon’ble M.P., Chandauli.</li> <li>• Construction of a 650 mtrs. long two-lane road connecting the Multi-Modal Terminal with NH-7 and a 35 mtr. long and 5.8 mtr wide Truss Bridge (over the nalah, as part of the external road) connecting with NH-7, was completed and operationalized on 11.01.19.</li> </ul>

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2.2.(b)	<b>Construction of Multi-Modal Terminal at Varanasi (Phase-II)</b>	March, 2019	<p><b>Land:</b></p> <ul style="list-style-type: none"> <li>• Estimated requirement of land for terminal expansion: 27.753 ha; estimated cost: INR 209.58 crores; land measuring 13.552 ha. acquired and payment of Rs.100.47 crores made towards land cost; and acquisition process for the remaining 14.201 ha. of land completed and the process for compensation/registration of land is at an advanced stage.</li> <li>• Estimated requirement of land for rail connectivity: 33.26 ha. Pre-acquisition activities are in progress.</li> </ul> <p><b>Consultancy study for rail connectivity.</b> Connectivity: From the terminal to Jeonathpur railway station on the EFC. Consultant: M/s Aarvee Associates. Status: The Consultant submitted the DPR for rail connectivity in March, 2018; the Drone Survey in July 2018; and the Engineering Scale Plan (ESP) in March, 2019. The Dedicated Freight Corridor Corporation of India Ltd. (DFCCIL) approved the DPR in May, 2018 and the ESP in June, 2019. Final location survey and general arrangement drawings of bridges are under preparation by the Consultant.</p>
2.2 (c)	<b>Operation, Management and Development of the Multimodal terminal at Varanasi.</b>		The operation, management and development of the multimodal terminal at Varanasi is being awarded to a private operator under the PPP Model on tender-cum-auction basis. The proposal in this regard was appraised by the Public-Private Partnership Approval Committee (PPPAC) of the Department of Economic Affairs on 28.02.2019 and the recommendation of the Committee was approved by the competent authority. RFP has been issued to the shortlisted bidders on 25.07.2019. Pre-bid meeting with the prospective bidders was held on 19.08.2019.
2.3	<b>Construction of new navigational lock at Farakka.</b>	June, 2019	<p><b>Land</b></p> <ul style="list-style-type: none"> <li>• Requirement: 14.86 ha.</li> <li>• Location: Farakka Barrage Project, parallel to the existing lock.</li> <li>• Approval for transfer of land: By Cabinet on 06.01.2016.</li> <li>• Cost: ₹ 2.36 crore.</li> <li>• Date of transfer: 02.03.16</li> <li>• Crop compensation paid to 76 locally affected persons: ₹4.48 lakhs.</li> <li>• The existing Navigational lock at Farakka (land measuring 7.155 Ha) handed over to IWAI</li> </ul>



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			<p>on 06.04.2018</p> <p><b>Clearances:</b> Ministry of WR,RD &amp; GR and NGRBA cleared the proposal.</p> <p><b>Civil construction work:</b></p> <ul style="list-style-type: none"> <li>• Date of appraisal by the SFC: 29.07.2016.</li> <li>• Estimated cost at which appraised: ₹380 crore.</li> <li>• Contractor: M/s Larsen &amp; Toubro Ltd.</li> <li>• Date of award: 24.11.2016</li> <li>• Cost at which awarded: ₹359.19 crore.</li> <li>• Date of commencement of work: December, 2016.</li> <li>• Target date for completion of the project: June, 2019.</li> <li>• Physical progress: 43.10%.</li> <li>• Financial progress: ₹157.7 cr.</li> </ul>
2.4	Construction of Multimodal Terminal at Sahibganj	April, 2019	<p><b>Land</b></p> <ul style="list-style-type: none"> <li>• Estimated requirement of land: 195 acres.</li> <li>• Date of appraisal by SFC: 16.02.2016.</li> <li>• Estimated cost at which appraised: ₹187.00 crore, including cost of R&amp;R.</li> <li>• Status of acquisition:</li> <li>• 183.13 acres of land for the main terminal and 9.24 acres for road connectivity has been fully acquired.</li> <li>• ₹93.52 crore has already been paid towards land compensation.</li> </ul> <p><b>R&amp;R:</b></p> <ul style="list-style-type: none"> <li>• R&amp;R Package is to be implemented by the District Administration, Sahibganj. District Administration has identified 485 families as project affected families (PAFs).</li> <li>• Cost of R&amp;R package already released to the District Administration: ₹ 67.63 crores.</li> <li>• Two Resettlement Colonies, with all required infrastructure and civic amenities, are being developed on 32.28 acres of land in Samdanala and Paltanganj villages for resettlement of 417 PAFs. Land for both the colonies have been acquired; plotting of both the colonies</li> </ul>

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			<p>has been completed and plots allotted to 288 families in the joint names of husband and wife. The houses will be constructed by the District Administration, at an approved cost of Rs. 5.82 lakh per house. Construction of 25 houses is complete. The contract for construction of remaining 392 houses was awarded on 12.07.19.</p> <p><b><u>Civil construction:</u></b></p> <ul style="list-style-type: none"> <li>• Date of appraisal by the SFC: 30.06.16.</li> <li>• Estimated cost at which appraised: ₹ 292.10 crore for Phase-I (excluding external/approach road and road over-bridge).</li> <li>• Contractor: M/s Larsen &amp; Toubro Ltd.</li> <li>• Date of award: 27.10.2016.</li> <li>• Cost at which awarded: ₹280.90 crore.</li> <li>• Terminal Capacity: 2.24 MPTA</li> <li>• Start date of the project: November, 2016.</li> <li>• Targeted completion date of the project: August, 2019.</li> <li>• Physical progress: 97.02%</li> <li>• Financial progress: ₹226.61 cr.</li> <li>• Laying of foundation stone: Hon'ble Prime Minister on 06.04.2017.</li> </ul> <p><b><u>Rail Connectivity:</u></b></p> <ul style="list-style-type: none"> <li>• M/s RITES appointed as the Consultant for development of rail connectivity.</li> <li>• Contract signed on 25.07.2018</li> <li>• The Consultant completed the field survey in August, 2018 and three alternate alignments initially developed, out of which one alignment was found feasible, which was also approved 'in principle' by Eastern Railway Division, Malda on 19.09.2018</li> <li>• M/o RTH also conveyed 'in principle' approval for the ROB at NH-80, Sahibganj on 29.11.18</li> <li>• On the observations made by Eastern Railways, M/s RITES resurveyed the site and submitted layout plan along with the cost of the alignment with and without bridge over nallah and the same is under examination.</li> </ul>
2.5	Fairway Development	March, 2023	

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2.5(a)	<b>Dredging</b>		<p>A revised Dredging Management Plan and Strategy has been formulated for implementation on NW-1, as per the details given below:</p> <ul style="list-style-type: none"> <li>• Provision of least assured depth (LAD) of 3m and bottom channel width of 35/45 m on the Farakka-Kahalgaon stretch (146 Kms), Sultanganj-Mahendrapur stretch (74 kms) and Mahendrapur-Barh stretch (71 kms) through Performance Based Assured Dredging contracts. The contracts were awarded to M/s Adani Ports &amp; SEZ Ltd. on 09.04.2018, 12.04.2019 and 12.04.2019 at costs of Rs.150.00 crores, 159.30 crores and 182.9 crores respectively.</li> <li>• On the advice of NTCPWC of IIT, Chennai, the following dredging strategy has been approved for providing an LAD of 2.5 m and bottom channel width of 30 m on the Barh-Ghazipur stretch ( 287 kms) and on Barh to Majhaua stretch by Departmental Dredgers on O&amp;M Contracts; and on Mahaua to Ghazipur stretch through quantity based maintenance dredging contract.</li> <li>• Provision of LAD of 2.2 m and bottom channel width of 30 m on the Ghazipur – Varanasi stretch (133 kms) through Quantity based maintenance dredging contract</li> <li>• Presently, no dredging is planned on the Kahalgaon-Sultanganj stretch (50 km) due to the presence of Dolphin Sanctuary.</li> </ul>
2.5(b)	<b>Bank Protection Works: (a) Farakka Feeder Canal</b>	December, 2019	<ul style="list-style-type: none"> <li>• Locations identified: Farakka Feeder Canal (9.438 km), Farakka to Haldia reaches (33.095 km) and river bend at Farakka (3.20 km).</li> <li>• Status: Geo-technical investigations of Farakka Feeder Canal and river bend at Farakka have been completed. Revised DPR incorporating the observations made by the World Bank and revised tender documents incorporating the observations made by IWAI were received from the Consultant on 06.09.18 and 26.09.18 respectively.</li> <li>• The observations made by the Farakka Barrage Project (FBP) received on 27.09.18</li> <li>• Based on the observations of FBP, revised DPR and drawings shared with them on 04.12.18.</li> <li>• Based on the meeting held on 27.12.18, the Consultant submitted their report on 12.02.19 after checking the structural stability of the recommended option. The tender documents shared with the World Bank on 21.02.19.</li> <li>• DPR shared with the Word Bank and CWC on 07.03.2019 and the comments received from</li> </ul>

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	(b) Bhagirathi-Hooghly River System		<p>CWC forwarded to M/s HOWE.</p> <ul style="list-style-type: none"> <li>• A meeting was held on 17.05.19 with the officials of CWC</li> <li>• A revised DPR, in compliance with the comments of CWC, was forwarded to them on 11.06.19 and the comments/suggestions from them is waited.</li> <li>• CWC has technically accepted the DPR with certain conditions.</li> </ul> <ul style="list-style-type: none"> <li>• A Joint Committee consisting of Addl. Chief Secretary (I&amp;WD, Govt. of West Bengal), KoPT and IWAI was formed on 17.03.18 and the meeting held on 19.06.18.</li> <li>• Survey Report of the Joint Technical Field Visit held from 25-29 June, 2018 was received from KoPT on 28.08.18 and a Workshop held on 10.11.18. As discussed in the Workshop, KoPT has shared the layout in the desired scale with IIT, Madras.</li> <li>• The Second Meeting of the Joint Committee held on 18.1.2019. Minutes and the draft report received on 30.01.19 and approved by the Competent Authority.</li> <li>• Report finalized and forwarded to the Technical Wing.</li> </ul>
2.5 (c)	River Bend Correction upstream of the Farakka Navigational Lock.	December, 2023.	<ul style="list-style-type: none"> <li>• DPR submitted by the Engineering Consultants has been shared with the World Bank and the Farakka Barrage Project Authority.</li> <li>• DPR has been forwarded to the World Bank on 04.01.2019.</li> <li>• After approval of the cost estimate, tender documents finalized and forwarded to the World Bank on 20.02.2019. NOC received from the World Bank on 10.03.19.</li> <li>• Bid document released on 27.05.19. The pre-bid meeting held on 12.06.19 and the bid submission for 14.08.19.</li> <li>• The proposal has been referred to NTCPwC-IIT Madras for review.</li> <li>• Pending reply from NTCPwC, the bid submission date extended upto 14.09.2019.</li> </ul>
2.6	Intermodal terminal at Kalughat.	November, 2019	<p><b>Land:</b> Requisition for acquisition of 5.159 ha. of land filed with the District Administration, Saran on 29.12.2016. Mapping/verification of land has been completed and demand of ₹ 17.84 crore for 20 acres of land (which includes some additional land within the river) has been received from the District Administration. The Distt. Admn., Saran has allocated the SIA study of the proposed land to the Institute of Social Studies, Patna at a cost of ₹7.57 lakhs which has been released.</p> <p><b>Tender Process:</b></p>

Sl. No	Project Activity	Timeline	Status as on 31 <sup>st</sup> August, 2019
			<ul style="list-style-type: none"> <li>• The DPR and tender document sent to the World Bank on 02.01.19 for review/comments.</li> <li>• The Terminal is being planned to handle mostly container traffic.</li> </ul>
2.7	<b>Intermodal terminal at Ghazipur.</b>	November, 2019	<p><b>Land:</b> Requisition for acquisition of 8.917 ha of land in village Dungarpur filed with the District Administration, Ghazipur on 31.03.2017.</p> <ul style="list-style-type: none"> <li>• District Administration has finalised the purchase price @ Rs. 3.20 crore per hectare and based on the same, IWAI has disbursed Rs. 18.56 cr. to the land owners.</li> <li>• 4.386 ha of land has already been acquired and registered. Balance 4.531 ha of land is under acquisition.</li> <li>• The Foundation Stone for the Terminal was laid by the Hon'ble Minister for Shipping, Road Transport and Highways on 25<sup>th</sup> January, 2018.</li> </ul> <p><b>Tender Process:</b> NOC received from the World Bank for revised tender documents. Tender process put on hold.</p>
2.8	<b>Construction of Ro-Ro Terminals</b>	December, 2019	<p><b>Pairing &amp; Locations:</b></p> <ul style="list-style-type: none"> <li>• Rajmahal and Manikchak;</li> <li>• Samdaghat and Manihari;</li> <li>• Kahalgaon and Tintanga;</li> <li>• Hasanpur and Bakhtiyarpur; and</li> <li>• Buxar and Saraikota.</li> </ul> <p><b>Civil construction:</b></p> <ul style="list-style-type: none"> <li>• Draft DPRs for all the ten Ro-Ro Terminals have been submitted by the Engineering Consultant and are under finalization.</li> <li>• Topographic survey completed at all the ten sites.</li> <li>• Geotechnical investigation done for Rajmahal Manikchak and Manihari Ro-Ro Terminal sites.</li> </ul>
2.9	<b>Navigational Aids &amp; RIS</b>		M/s HOWE, the Consultant has submitted the DPR, which is under finalization in consultation with Hydrographic Wing.

Sl. No	Project Activity	Timeline	Status as on 31 <sup>st</sup> August, 2019
2.10	Integrated Vessel Repair & Maintenance Complexes.	March, 2020	<p><b><u>Locations:</u></b></p> <p><b><u>(a) Sahibganj: Feasibility</u></b></p> <ol style="list-style-type: none"> <li>1. Draft feasibility report received from M/s HOWE in November, 2017</li> <li>2. DPR and tender document still awaited from the Consultant.</li> <li>3. New location is being identified for vessel repair at Sahibganj</li> <li>4. Land estimated is 19.35 ha. and the estimated cost is Rs.130.00 crores.</li> <li>5. Letter issued to IIT Madras (NTCPWC) on 20.03.19 to take up the study and the ToR shared with them. They have submitted the draft proposal and the same is under examination.</li> </ol> <p><b><u>(b) Gaighat (Patna):</u></b></p> <ol style="list-style-type: none"> <li>1. DPR for the Gaighat Complex submitted by the Consultant in September, 2018.</li> <li>2. The observations of IWAI sent to the Consultant in November, 2018.</li> <li>3. The estimated project cost is Rs.5.6 crores.</li> <li>4. Revised DPR and tender documents still awaited from the Consultant.</li> </ol> <p><b><u>Land:</u></b> 56.22 acres of land adjoining the site of the multimodal terminal and Ro-Ro terminal at Sahibganj were identified for the Vessel Repair &amp; Maintenance Complex. Requisition filed by IWAI on 21.11.2017. Requisition for acquisition of land for the complex and the proposed Industrial-cum-Logistic Park (total 337.395 acres) was resubmitted to the District Administration, Sahibganj on 05.11.18. Acquisition process is pending with the District Administration</p>
2.11	Procurement of 2 Nos. Self-Propelled Cutter Suction Dredgers		<p>The Tender was issued on 14.07.2018. Pre-bid meeting was held on 24.07.18. The technical bids were opened on 17.09.18 and preliminary evaluation meetings held on 12.10.18, 15.11.18, 18.12.18, 28.12.2018 and 8.1.2019.</p> <p>The tender evaluation has been completed and forwarded to the World Bank on 10.01.19 for NOC and the same received on 24.01.19. Approval for opening the Price Bid received on 28.01.19. Opening is put on hold.</p> <p>A proposal was sent to the Ministry of Shipping, vide letter No.IWAI/WB/NW-1/14/1(1)/2016 dated 12.04.2019 for a decision as to whether two SPCSDs are to be procured to carry out the work departmentally or whether the work is to be assigned to Dredging Corporation of India at a cost of ₹177 crores on nomination basis. M/o Shipping, vide their OM dated 22.05.2019, communicated that the proposal for procurement of 2 SPCSDs by IWAI may be dropped for now.</p> <p>The case has accordingly been dropped and the EMDs returned to the Bidders.</p>

Sl. No	Project Activity	Timeline	Status as on 31 <sup>st</sup> August, 2019
2.12	Leasing of Vessels		<p>Terms of Reference was approved by the World Bank on 28.08.18 and the NIT issued on 30.08.18. Pre-bid meeting was held on 20.09.18 and the last date for submission of bids extended to 28.01.2019. Only one bid has been received. The technical bid opened on 27.02.19 and the offered equipment/vessels did not meet the technical requirements.</p> <p>As per the directions from the Ministry of Shipping dated 09.07.19, the case has been dropped.</p>
2.13	Development of NINI as Centre for Excellence		<p>EoI for Consultancy Services for development of the National Inland Navigation Institute (NINI) at Patna was released on 11.08.18. The last date for submission of EoIs was 24.09.18 and after evaluation of the EoIs, it was found that none of the vendors could qualify the QR requirements.</p> <p>The case dropped from procurement.</p>
2.14	Providing of Paver Blocks at MMT, Varanasi		<p>Notice inviting Tender was issued on 21.09.2018. The bid opening was to be held on 05.10.2018. As no bid was received, fresh tenders to be invited after re-assessment of quantities and clearance of site debris by AFCONS.</p> <p>The case has since been dropped from procurement.</p>
2.15	Digitisation for Seamless & Efficient Trade through NW-1		<p>ToR and cost estimate sent to the World Bank on 28.11.18 for their 'no objection'. World Bank proposed a review meeting in the first week of February, 2019 before giving 'no objection'.</p> <p>The case put on hold.</p>
2.16	Procurement of Floating Debris Collector Work Boat and Twin Skipper Barge		<p>Bid document uploaded on IWAI as well as e-procurement websites on 16<sup>th</sup> May, 2019. Pre-bid meeting held on 06.06.2019. The tender has been cancelled due to administrative reasons.</p>

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