

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 31st December, 2018
1.	PRE-INVESTMENT ACTIVITIES		
1.1	Institutional arrangements.	November, 2014	<ul style="list-style-type: none"> • Setting up of Project Management Unit: June, 2014. • Designation of IWAI as the Project Implementing Agency: October, 2014. • Constitution of Project Oversight Committee (POC) to give critical guidance and evaluation of the project: September, 2014. • Setting up Project Implementation Units at Patna and Kolkata - April, 2016; at Varanasi, Sahibganj, Farakka and Haldia – April, 2018. • Setting up a Public Grievance Redress Mechanism with a Toll Free Telephone (No.1800-180-4152): December, 2016. • A Project Monitoring Cell was set up on 20.08.2018 for monitoring of implementation of critical sub-projects of Jal Marg Vikas Project.
1.2	Detailed Feasibility Study on NW-1 and Detailed Engineering for Ancillary Works.	August, 2016	<ul style="list-style-type: none"> • 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. • Date of award: 25.05.2015. • Status: Study ongoing.
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"> • The Consultant: Joint Venture of M/s. EQMS India Pvt. Ltd., M/s. Abnaki Infrastructure Application & Integrated Development Pvt. Ltd. and IRG Systems South Asia Pvt. Ltd. • Date of award: 24.03.2015. • Status: Study completed. • Consultant for EIA and EMP Study for Ghazipur and Kalughat terminals: M/s EQMS. • Date of award: 22.11.17. • Status: Draft EIA and EMP reports for both Ghazipur and Kalughat terminals submitted.

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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"> • The Consultancy: Joint Venture of M/s. Hamburg Port Consulting, M/s. Universal Transport Consulting, M/s. IMS Imgenieusgesellchat Gmbh and M/s. Ramboll India. • Date of award: 24.04.2015. • Status: Study completed.
1.5	Support Services for Design of Inland vessels.		<ul style="list-style-type: none"> • The Consultant: M/s DST, Germany. • Date of award: 19.08.2016. • Status: Consultancy completed with submission of stipulated 13 designs. Designs accepted.
1.6	Ship Model Testing	Dec. 2017	<ul style="list-style-type: none"> • The Contractor: M/s DST Germany. • Date of award: 28.11.2017. • Status: Testing completed. Two witness visits to DST Germany conducted.
1.7	Consultancy services for planning and implementation of commercialization on NW-1	March, 2018	<ul style="list-style-type: none"> • The Consultant: M/s Hamburg Port Consulting. • Date of award: 31.01.2017. <p>Status: 14, out of 20, pilot movements of vessels conducted. MV Rabindranath Tagore, India's container inland vessel undertook its first voyage successfully on the river Ganga (NW-1) transporting container cargo consisting of 16 containers (equivalent to 16 truckloads) of food and snacks from Kolkata to Varanasi and was received by the Hon'ble Prime Minister at Varanasi on 12th November, 2018.</p>
1.8	Project preparatory and definition study for development of ferry services on NW-1.	November, 2018	<ul style="list-style-type: none"> • Consultant: JV of M/s Thompson Design Group and Massachusetts Institute of Technology/IAL. • Date of award: 21.12.2016. • Status: DPRs for the ferry services at Varanasi, Patna, Munger, Bhagalpur, Kolkata and Haldia are to be submitted by the Consultants. Pre-feasibility reports for Varanasi and Patna have been submitted. Schematic designs for Varanasi and Patna submitted by the Consultants. Draft specification drawings of the report on Part D also submitted.
1.9	Communications Needs Assessment Study for Jal Marg Vikas Project for	May, 2017	<ul style="list-style-type: none"> • Consultant: M/s. AMS Consulting (P) Limited, Lucknow. • Date of award: 05.01.2017. • Status: Report submitted by the Consultant.

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	capacity augmentation of navigational infrastructure on National Waterway-1.		<ul style="list-style-type: none"> • IWAI is taking action as per the report submitted by the Consultant. • A 26- day Outreach Programme was conducted from 16th July to 09th August, 2018 at various locations in the States of Uttar Pradesh, Bihar, Jharkhand and West Bengal.
1.10	Designing of JMVP website.	14 weeks after signing the contract.	<ul style="list-style-type: none"> • Contractor: M/s. Compton Computers Pvt. Ltd, Kalkaji, Delhi. • Date of award: 07.07.2017. • Status: The website is live.
1.11	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"> • Consultant: M/s EQMS. • Date of award: 20.12.2017. • Preliminary report submitted in July, 2018. • Status: Study ongoing.
1.12	Risk Assessment and Disaster Management Plan for NW-1	6 months after award of work.	<ul style="list-style-type: none"> • Consultants: M/s Kitco Limited, Kochi. • Date of Award: 04.04.2018 • Value : ₹ 69,47,425/- • Status: Draft Report submitted by the Consultant on 24.11.2018 and the study is underway.
1.13	Consultancy Services for Asset Management & Operation Framework Development for NW-1	65 weeks after signing the contract	<ul style="list-style-type: none"> • Consultants: (1) M/s KPMG Advisory Services P. Ltd.; (2) M/s Maritime & Transport Business Solutions B.V.; and (3) Advaita Legal. • Date of Award: 13th February, 2018 • Value: ₹7.95 crores. • Status: Inception Report submitted by the Consultants. • RFQ, RFP and Agreement for Operation, Maintenance and Development of the Multi-Modal Terminal, Varanasi submitted. • Draft Memo on Operation, Maintenance & Development of the MMT, Varanasi under PPP model submitted to the Ministry of Shipping on 09.10.2018 for appraisal by the SFC and approval by the Competent Authority.

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1.14	Technical Support Services Consultants		<p><u>For Project on Varanasi-Sahibganj Stretch (TSSC-I)</u> Contractor: JV of M/s Egis India Consulting Engineers Pvt. Ltd & Egis France International.</p> <ul style="list-style-type: none"> • Date of Award: 22.01.2018. • Date of Mobilization at site: 24.02.2018 • MIS Expert -cum-Project Coordinator has been deployed at JMVP, Noida • Team Leader stationed at Varanasi, Uttar Pradesh. <p><u>For projects on Farakka and Haldia stretch (TSSC-II)</u></p> <ul style="list-style-type: none"> • Contractor: Joint Venture of M/s Arkitechno Consultants (I) Pvt. Ltd, Bhubaneswar and M/s IR CLASS Systems & Structures Pvt. Ltd., Mumbai • Date of award: 08.11.2017. • Date of Mobilization at site: 15.11.2017 • Project Coordinator deployed at JMVP, Noida • Various Key-experts deployed at respective sites for supervision and monitoring. Date of Mobilization at site: 15.11.2017 <p><u>For supervision of dredging contracts (TSSC-III)</u> After receiving NOC from the World Bank, Notice inviting EoIs was published on 27.09.18. Pre-proposal discussions held on 11.10.18. A total number of 12 EoIs were received, which were opened on 19.11.18. Evaluation completed and the report forwarded to the World Bank for ‘no objection’.</p>
1.15	Resettlement Action Plan for Sahibganj.		EoI published on 08.08.18 and nine EoIs received. Evaluation completed and the report forwarded to the World Bank for ‘no objection’.
1.16	ESIA, EMP and RAP for additional interventions in JMVP		EoI published on 08.08.18. 20 EoIs were received and evaluation completed. RFP issued to the five shortlisted firms on 05.10.2018. Technical bids opened on 05.11.18 and evaluation report is under process.

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1.17	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.
1.18	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.
1.19	Appraisal of the Project by PIB	June 2018	<ul style="list-style-type: none"> • Dates of appraisal: 03.01.2017 and 06.03.2017. • Estimated project cost: ₹. 5,369.18 crore. • Recommendation: After resolving the issue of requirement of environment clearance for maintenance dredging, the proposal may be placed before the Cabinet for approval. • Status: MoEF&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&CC. • CCEA approved the project proposal on 03.01.2018.
1.20	IBRD Loan approval	June, 2018	<ul style="list-style-type: none"> • Loan amount: USD 375 million. • Status of approval: The Board of the Executive Directors of International Bank for Reconstruction & Development approved the loan (Loan No.8752-IN) on 12th April, 2017. Loan Agreement and Project Agreement relating to the IBRD loan of USD 375.00 million were signed on 02.02.2018 between the World Bank and the Department of Economic Affairs & IWAI. The Loan Agreement and the Project Agreement have become effective from 23rd March, 2018.
2.	PROJECT IMPLEMENTATION		
2.1	Construction of Multi-modal terminal at Haldia	October, 2019	<p><u>Land:</u></p> <ul style="list-style-type: none"> • Requirement: sixty one acres.

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			<ul style="list-style-type: none"> • Status: 61 acres of land in the Haldia Dock Complex have been taken on 30-year lease from the Kolkata Port Trust. Registration of land has been completed on 23.04.2018. • Cost of lease: ₹40.22 cr. including one time premium. • Cost of registration of land: ₹3.25 crore. <p>Clearances: MoEF&CC granted CRZ clearance on 06.11.2017.</p> <p><u>Civil construction:</u></p> <ul style="list-style-type: none"> • Date of appraisal by SFC: 17.08.2016 and 05.10.2016. • Estimated cost at which appraised: ₹495 crores for Phase-I. • Contractor: M/s ITD Cementation India Ltd. • Date of award of work contract: 30.06.2017. • Cost at which awarded: ₹517.36 crore. • Terminal Capacity: 3.18 MPTA • Start date of the project: July, 2017. • Completion date of the project: December, 2019. • Physical progress: 25.01% • Financial progress: ₹ 110.50 crores.
2.2	Construction of Multi-modal terminal at Varanasi.	August, 2018	<p><u>Land:</u> (a) For Phase-I(A)- 5.586 hectares already in the possession of IWAI at Ram Nagar, Varanasi.</p> <p>(b) For road connectivity:</p> <ul style="list-style-type: none"> • Connectivity: From the terminal to NH-7. • 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. • Date of filing requisition: 23.04.2015. • 0.227 ha of land already transferred to IWAI. ₹3.8 crore has been paid to land owners.

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			<ul style="list-style-type: none"> • 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. ₹4.54 crore has already been transferred to IWAI, Patna. • Demand of ₹10.47 crore for 0.597 ha of land has been received and payment has been transferred to IWAI, Patna for further disbursal. Land is yet to be transferred to IWAI. <p>Clearances: 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>Civil Construction.</p> <ul style="list-style-type: none"> • Date of appraisal by SFC: 09.12.2015. • Estimated cost at which appraised: 196.84 cr. for Phase-I (A). • Contractor: M/s AFCONS Infrastructure Ltd. • Date of award: 13.05.2016. • Cost at which awarded: ₹169.70 crore. • Terminal Capacity: 1.26 MTPA • Hon'ble Minister for Shipping, Road Transport and Highways laid the foundation stone on 12.08. 2016. • Targeted completion date of the project: November, 2018. • Physical progress: 88.12%. • Financial progress: ₹148.01 Cr. • 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 & Highways, Shipping and Water Resources, River Development & Ganga Rejuvenation and the Hon'ble M.P., Chandauli.
2.3	Construction of new navigational lock at Farakka.	June, 2019	<p>Land</p> <ul style="list-style-type: none"> • Requirement: 14.86 ha. • Location: Farakka Barrage Project, parallel to the existing lock. • Approval for transfer of land: By Cabinet on 06.01.2016. • Cost: ₹ 2.36 crore.

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			<ul style="list-style-type: none"> • Date of transfer: 02.03.16 • Crop compensation paid to 76 locally affected persons: ₹4.48 lakhs. • The existing Navigational lock at Farakka (land measuring 7.155 Ha) handed over to IWAI on 06.04.2018 <p><u>Clearances:</u> Ministry of WR,RD & GR and NGRBA cleared the proposal.<u>Civil construction work:</u></p> <ul style="list-style-type: none"> • Date of appraisal by the SFC: 29.07.2016. • Estimated cost at which appraised: ₹380 crore. • Contractor: M/s Larsen & Toubro Ltd. • Date of award: 24.11.2016 • Cost at which awarded: ₹359.19 crore. • Date of commencement of work: December, 2016. • Target date for completion of the project: June, 2019. • Physical progress: 29.13%. • Financial progress: ₹100.03 cr.
2.4	Construction of Multimodal Terminal at Sahibganj	April, 2019	<p><u>Land</u></p> <ul style="list-style-type: none"> • Estimated requirement of land: 195 acres. • Date of appraisal by SFC: 16.02.2016. • Estimated cost at which appraised: ₹187.00 crore, including cost of R&R. • Status of acquisition: • 183.13 acres of land for the main terminal and 9.24 acres for road connectivity has been fully acquired. • ₹93.52 crore has already been paid towards land compensation. <p><u>R&R:</u></p> <ul style="list-style-type: none"> • R&R Package is to be implemented by the District Administration, Sahibganj. District Administration has identified 485 families as project affected families (PAFs).

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			<ul style="list-style-type: none"> • Cost of R&R package already released to the District Administration: ₹ 67.63 crores. • R&R package sanctioned to 485 families and transferred to 417 families. Transfer pending in respect of 68 families due to non-production of requisite records by the claimants. District Administration has reminded them twice, but without any result. • Two Resettlement Colonies are being set up: The first one on a 16.47 acre land in Samdanala and the second on a 15.81 acres of land at Paltanganj. Land for both the colonies have been acquired. • Plotting of the Samdanala colony has been completed and plots allotted to 288 families in the joint names of husband and wife. However, 9 PAFs have constructed their houses outside the resettlement colony, although plots were allotted to them within the Samdanala Colony. The remaining 279 families failed to construct the houses within the stipulated time (30.04.2018). As per decision taken by the District Administration in April, 2018, the houses will now be constructed by the District Administration. D.C., Sahibganj, has nominated on 19.11.18 the Executive Engineer, Building Division, Sahibganj for construction of 25 houses on immediate basis. E-procurement tender issued on 22.11.18 by the Building Construction Department, Ranchi. • Plotting in the Paltanganj Resettlement Colony has been completed. Allotment of plots to the PAFs will be made after construction of the houses by the District Administration. • The following infrastructure is being provided in the Resettlement Colonies: School building (1); temple (2); community hall (2); boundary wall for the school; water supply/water tank/tube well; drainage; roads; and discharge channel. • Construction of the school, temples, community halls and boundary wall for the school is in progress. Work order for water supply has been awarded. Estimates for road work and drainage are under finalisation by the State PWD. <p><u>Civil construction:</u></p> <ul style="list-style-type: none"> • Date of appraisal by the SFC: 30.06.16.

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			<ul style="list-style-type: none"> • Estimated cost at which appraised: ₹ 292.10 crore for Phase-I (excluding external/approach road and road over-bridge). • Contractor: M/s Larsen & Toubro Ltd. • Date of award: 27.10.2016. • Cost at which awarded: ₹280.90 crore. • Terminal Capacity: 2.24 MPTA • Start date of the project: November, 2016. • Targeted completion date of the project: May, 2019. • Physical progress: 56.00% • Financial progress: ₹147.40 cr. • Laying of foundation stone: Hon'ble Prime Minister on 06.04.2017. 			
2.5	Fairway Development	March, 2023	<ul style="list-style-type: none"> • Revised Dredging Management Plan and Strategy for NW-1 approved on 2.6.2017. • Scope of work under the revised plan is as under: <table border="1" data-bbox="1037 802 2119 1335" style="width: 100%; border-collapse: collapse;"> <tr> <td data-bbox="1037 802 2119 927">Provision of LAD of 3 m and bottom channel width of 45 m on the Haldia - Farakka (351km) stretch through deployment of departmental dredgers/SPCSDs. The estimated quantity of dredging required is 4.813 million CuM.</td> </tr> <tr> <td data-bbox="1037 927 2119 1131">Provision of least assured depth (LAD) of 3m and bottom channel width of 45 m on the Farakka-Kahalgaon stretch (146 Kms) through Performance Based Assured Dredging contract. The estimated quantity of dredging required is 2.865 million CuM. Contract awarded to M/s Adani Ports & SEZ Ltd. on 09.04.2018. Value of Work: ₹150.00 crore. Work has commenced.</td> </tr> <tr> <td data-bbox="1037 1131 2119 1335">Provision of LAD of 3 m and bottom channel width of 45 m on the Sultanganj-Mahendrapur stretch (74 Kms) through Performance Based Assured Dredging contract. The estimated quantity of dredging required is 3.369 million CuM. The tender was published on 13.07.2018 and the bids opened on 24.09.18. The evaluation process completed.</td> </tr> </table> 	Provision of LAD of 3 m and bottom channel width of 45 m on the Haldia - Farakka (351km) stretch through deployment of departmental dredgers/SPCSDs. The estimated quantity of dredging required is 4.813 million CuM.	Provision of least assured depth (LAD) of 3m and bottom channel width of 45 m on the Farakka-Kahalgaon stretch (146 Kms) through Performance Based Assured Dredging contract. The estimated quantity of dredging required is 2.865 million CuM. Contract awarded to M/s Adani Ports & SEZ Ltd. on 09.04.2018. Value of Work: ₹150.00 crore. Work has commenced.	Provision of LAD of 3 m and bottom channel width of 45 m on the Sultanganj-Mahendrapur stretch (74 Kms) through Performance Based Assured Dredging contract. The estimated quantity of dredging required is 3.369 million CuM. The tender was published on 13.07.2018 and the bids opened on 24.09.18. The evaluation process completed.
Provision of LAD of 3 m and bottom channel width of 45 m on the Haldia - Farakka (351km) stretch through deployment of departmental dredgers/SPCSDs. The estimated quantity of dredging required is 4.813 million CuM.						
Provision of least assured depth (LAD) of 3m and bottom channel width of 45 m on the Farakka-Kahalgaon stretch (146 Kms) through Performance Based Assured Dredging contract. The estimated quantity of dredging required is 2.865 million CuM. Contract awarded to M/s Adani Ports & SEZ Ltd. on 09.04.2018. Value of Work: ₹150.00 crore. Work has commenced.						
Provision of LAD of 3 m and bottom channel width of 45 m on the Sultanganj-Mahendrapur stretch (74 Kms) through Performance Based Assured Dredging contract. The estimated quantity of dredging required is 3.369 million CuM. The tender was published on 13.07.2018 and the bids opened on 24.09.18. The evaluation process completed.						

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			<p>Provision of LAD of 3 m and bottom channel width of 45 m on the Mahendrapur – Barh stretch (71 Kms) through Performance Based Assured Dredging contract. The estimated quantity of dredging required is 3.232 million CuM. The Tender was published on 25.07.18 and the bids opened on 24.09.18. The evaluation process completed.</p> <p>Provision of LAD of 2.5 m and bottom channel width of 45 m on the Barh – Doriganj stretch (109 kms) through Quantity based maintenance dredging contract (Mix & Match – IWAI dredger + SP-CSD from Service Provider). The estimated quantity of dredging required is 8.974 million CuM. The tender process is on hold.</p> <p>Provision of LAD of 2.5 m and bottom channel width of 45 m on the Doriganj-Ghazipur stretch (178 kms) through Quantity based maintenance dredging contract (Mix & Match – IWAI dredger + SP-CSD from Service Provider). The estimated quantity of dredging required is 8.665 million CuM. The tender process is on hold.</p> <p>Provision of LAD of 2.2 m and bottom channel width of 45 m on the Ghazipur - Varanasi stretch (133 kms) through Performance based Assured Dredging Contract. The estimated quantity of dredging required is 7.120 million CuM. Revised draft tender documents were forwarded to the World Bank on 12.09.18. The comments received from the World Bank have been incorporated and are under consideration.</p> <p>Presently, no dredging is planned on the Kahalgaon-Sultanganj stretch (50 km) due to the presence of Dolphin Sanctuary.</p>
2.6	Bank Protection Works: (a) Farakka Feeder Canal	December, 2019	<ul style="list-style-type: none"> • Locations identified: Farakka Feeder Canal (9.438 km), Farakka to Haldia reaches (33.095 km) and river bend at Farakka (3.20 km). • 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. • The observations made by the Farakka Barrage Project (FBP) received on 27.09.18 • Based on the observations of FBP, revised DPR and drawings shared with them on 04.12.18.

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	(b) Bhagirathi-Hooghly River System		<ul style="list-style-type: none"> • A Joint Committee consisting of Addl. Chief Secretary (I&WD, Govt. of West Bengal), KoPT and IWAI was formed on 17.03.18 and the meeting held on 19.06.18. • 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.
2.7	River Bend Correction upstream of the Farakka Navigational Lock.	December, 2023.	<ul style="list-style-type: none"> • DPR submitted by the Engineering Consultants has been shared with the World Bank and the Farakka Barrage Project Authority. • Cost estimate has been approved and Tender documents under finalization/approval.
2.8	Intermodal terminal at Kalughat.	November, 2019	<p>Land: 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 Rs. 17.84 crore for 20 acres of land (which includes some additional land within the river) has been prepared and sent to DM by DCLR on 2.4.2018. Final demand for payment is awaited from the District Administration. In the meantime, as per the request of the District Administration, IWAI submitted additional documents on 29.08.2018 to the District Administration. The Distt. Admn., Saran has allocated the SIA study of the proposed land to the Institute of Social Studies, Patna.</p> <p>Civil construction:</p> <ul style="list-style-type: none"> • The DPR and tender document are under finalisation by the Engineering Consultant. • The Terminal is being planned to handle mostly container traffic.
2.9	Intermodal terminal at Ghazipur.	November, 2019	<p>Land: 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"> • 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. • 5.103 ha of land has already been acquired and registered. Balance 3.813 ha of land is under acquisition.

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			<ul style="list-style-type: none"> The Foundation Stone for the Terminal was laid by the Hon'ble Minister for Shipping, Road Transport and Highways on 25th January, 2018. <p>Civil construction: Tender cancelled due to change in scope of work. NOC received from the World Bank for revised tender documents.</p>
2.10	Construction of Ro-Ro Terminals	December, 2019	<p>Pairing & Locations:</p> <ul style="list-style-type: none"> Rajmahal and Manikchak; Samdaghat and Manihari; Kahalgaoon and Tintanga; Hasanpur and Bakhtiyarpur; and Buxar and Saraikota . <p>Civil construction:</p> <ul style="list-style-type: none"> Draft DPRs for all the ten Ro-Ro Terminals have been submitted by the Engineering Consultant and are under finalization. Topographic survey completed at all the ten sites. Geotechnical investigation done for Rajmahal Manikchak and Manihari Ro-Ro Terminal sites.
2.11	Navigational Aids & RIS		Meeting held between Hydrographic Wing and M/s HOWE on 18.10.18 for finalization of DPR. The observations of IWAI on the draft DPR submitted by M/s HOWE have been shared by them and the revised DPR is awaited.
2.12	Integrated Vessel Repair & Maintenance Complexes.	March, 2020	<p>Locations: Sahibganj and Gaighat (Patna). (1) Feasibility Report of the Vessel Repair Complex at Sahibganj submitted by M/s HOWE and the DPR is awaited. (2) DPR for the Gaighat Complex has been submitted by the Consultant and the same is under review.</p> <p>Land: 56.22 acres of land adjoining the site of the multimodal terminal and Ro-Ro terminal at Sahibganj were identified for the Vessel Repair & Maintenance Complex. Requisition filed by IWAI on 21.11.2017. This will be part of the Industrial-cum-Logistic Park. Combined land requisition for 337.395 acres was resubmitted to the District</p>

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			Administration, Sahibganj on 05.11.18. Acquisition process is pending with the District Administration.
2.13	Procurement of 2 Nos. Self-Propelled Cutter Suction Dredgers		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 and 18.12.18. Letters seeking clarifications from the bidders were issued on 26.11.18 and the responses received in this regard are under evaluation.
2.14	Operation & Maintenance of the Varanasi multimodal terminal.		RFQ for the Operation & Maintenance of the Varanasi multimodal terminal was published on 08.06.2018 and the pre-bid meeting was held on 22.06.2018. Draft Memo submitted to the Ministry of Shipping on 09.10.2018 for appraisal by the SFC and approval by the Competent Authority.
2.15	Leasing of Vessels		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 08.01.2019.
2.16	Development of NINI as Centre for Excellence		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 the EoIs received are under evaluation.
2.17	Providing of Paver Blocks at MMT, Varanasi		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.
2.18	Digitisation for Seamless & Efficient Trade through NW-1		ToR and cost estimate sent to the World Bank for their 'no objection'. World Bank has proposed a meeting in the 2 nd week of January, 2019 before grant of no objection.
