



सत्यमेव जयते

Government of Jammu and Kashmir

MEMORANDUM OF UNDERSTANDING (MoU)
BETWEEN
INLAND WATERWAYS AUTHORITY OF INDIA (IWAI)
AND
GOVERNMENT OF JAMMU & KASHMIR
FOR
DEVELOPMENT & PROMOTION OF
URBAN WATER TRANSPORT SYSTEM IN
SRINAGAR CITY OF JAMMU & KASHMIR



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**DEVELOPMENT & PROMOTION OF
URBAN WATER TRANSPORT SYSTEM IN
SRINAGAR CITY OF JAMMU & KASHMIR**

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MoU) is made on the 28th day of October, 2025

BETWEEN

Inland Waterways Authority of India, a statutory body duly constituted and established under section 3 of the Inland Waterways Authority of India Act, 1985 and having its Head office at A-13, Sector 1, Noida – 201 301, Uttar Pradesh, India (hereinafter referred to as “IWAI” which expression shall, unless repugnant to the context or meaning thereof, include its administrators, successors, and assigns) as the “FIRST PARTY”.

AND

Government of JAMMU & KASHMIR represented by Regional Transport Officer, Transport Department, Govt of Jammu & Kashmir.

(Hereinafter referred to as “Government of JAMMU & KASHMIR”) as the “SECOND PARTY” and collectively referred to as “PARTIES”.

1. BACKGROUND

- 1.1 Inland Water Transportation (IWT) has the potential to provide a cost-efficient, economic, reliable, safe and environment-friendly mode of transport. IWT can reduce intra-regional congestion and investment needs in rail & road infrastructure. This mode of transport is now being adopted as an urban water transportation system for moving passengers in cities situated along riverbanks and other water bodies.
- 1.2 Kochi is the first city in India which has implemented the robust urban water transport system named Kochi Water Metro (KWM) by Kochi Metro Rail Limited (KMRL). The model emphasizes sustainable transport by utilizing energy-efficient electric ferries, modernized terminals and integrated multimodal connectivity. Its global recognition and numerous accolades reflect widespread acceptance. This success offers a strong foundation for replicating the KWM model—either fully or partially—in other cities where waterways have the potential to transform urban transportation.
- 1.3 Accordingly, with the approval of the Ministry of Ports, Shipping and Waterways (MoPSW), a feasibility study has been initiated to explore the replication of the Kochi Water Metro model—either fully or partially—in 18 cities across India, based on the geographical and demographic conditions of each location. The study is being carried out by Kochi Metro Rail Limited.



1.4 SRINAGAR is one of the cities selected for the development of an Urban Water Transport system. The feasibility study for the project in SRINAGAR has been completed by Kochi Metro Rail Limited (KMRL).

2.0 OBJECTIVE

2.1 The prime objective of this MoU is to establish a framework of cooperation between the Government of JAMMU & KASHMIR and IWAI for development & promotion of Urban Water Transport System in SRINAGAR City of JAMMU & KASHMIR. The Project aims to establish seamless connectivity between locations along the Dal lake and River Jhelum, while also integrating with road infrastructure (including bus terminals), railways, and other modes of transportation.

2.2 Development of fairway connecting key locations in and around SRINAGAR city through the Water Metro, navigational aids in the fairway, construction of terminals for passenger embarkation and disembarkation; procurement, deployment, operation, and management of electric hybrid passenger boats; thereby establishing a robust Urban Water Transport System to facilitate the movement of local passengers, goods, and more. This initiative aims to reduce road congestion and pollution, ultimately leading to improved livelihoods for local communities.

3.0 POTENTIAL ROUTES AND TERMINALS:

Based on the feasibility study conducted for establishing an Urban Water Transport System in SRINAGAR, five potential routes and ten proposed locations/terminals have been identified in Dal Lake and two potential routes and 8 locations have been identified in Jhelum river for the Srinagar Water Metro Project, as outlined in Table 1 and Table 2.

TABLE (1): POTENTIAL ROUTES FOR SRINAGAR WATER TRANSPORT PROJECT		
Route No.	Route	Route Length (km)
DAL Lake		
1	Nehru Park - Vakeel Colony - Nishat Garden - Mirza Bagh	~8.4
2	Vakeel Colony - Mirza Bagh - Dargah Hazratbal Shrine	~5.3
3	Nehru Park - Dargah Hazratbal Shrine	~8.2
4	Zabarwan Park - Char Chinar Dal Lake - Dargah Hazratbal Shrine - Naseem Bagh - Shalimar Garden	~10
5	Zabarwan Park - Tulip Garden - Char Chinar Dal Lake - Vakeel Colony - Nishat Garden - Mirza	~9.2



	Bagh - Shalimar Garden	
	Total	~41.0
Jhelum River		
1	Zero Bridge – Amira Kadal Bridge - Khanqah-e Moulla - Chhatabal Weir	~7.06
2	Zero Bridge – Sonwar – K P Bagh – Batwara – Pantha Chowk	~12.30
	Total	~20.0

TABLE (2): PROPOSED LOCATIONS/ TERMINALS FOR SRINAGAR WATER TRANSPORT PROJECT			
S.No.	Locations/ Terminals	S.No.	Locations/ Terminals
Dal Lake			
1	Nehru Park	6	Nishat Garden
2	Zabarwan Park	7	Mirza Bagh
3	Tulip Garden	8	Shalimar Garden
4	Char Chinar Dal Lake	9	Naseem Bagh
5	Vakeel Colony	10	Dargah Hazratbal Shrine
Jhelum River			
1	Chhatabal Weir	5	Sonwar
2	Khanqah-e Moulla	6	KP Bagh
3	Amira Kadal Bridge	7	Batwara
4	Zero Bridge	8	Pantha Chowk

4.0 TENTATIVE COST OF THE PROJECT:

The tentative Project cost, as outlined in the Feasibility Report, amounts to Rs. 900 crores excluding land cost.

5.0 AND WHEREAS this MoU supersedes all prior discussions, agreements, and commitments—whether oral or written—between the parties regarding the SRINAGAR Water Metro Project. Neither party shall be bound by, nor considered to have made, any representations, warranties, commitments, or other undertakings concerning the Project that are not expressly included in this MoU

6.0 NOW THEREFORE, in consideration of the foregoing and the mutual covenants set forth in this MoU, the receipt and sufficiency of which are hereby acknowledged, and with the intention that this MoU is non-binding, the Parties agree as follows:

7.0 ROLES AND RESPONSIBILITIES

7.1 Government of JAMMU & KASHMIR:



- i. Provide necessary clearances and support for infrastructure development.
- ii. Ensure the incorporation of the Urban Water Transport Project into the UT's Transport Planning.
- iii. Land for terminals and necessary infrastructure
- iv. First mile and last mile connectivity
- v. Ensuring that the provisions of IV Act, 2021 in operation of the vessels/ boats.

7.2 IWAI:

- i. Technical assistance and guidance.
- ii. Fairway maintenance and navigation aids
- iii. Facilitate capacity building programs for IWT personnel of Government of JAMMU & KASHMIR.
- iv. Support in navigation and safety measures.

7.3 JOINT RESPONSIBILITIES

- i. Getting necessary clearances/ approvals from concerned Central/ UT Government for execution of development works.
- ii. All environment, forest and local issues shall be addressed by IWAI and Government of JAMMU & KASHMIR jointly.

8.0 FINANCIAL ARRANGEMENTS

The funding structure will be determined based on project requirements and through mutual agreement between the Parties.

9.0 IMPLEMENTATION PLAN

A detailed action plan shall be developed by both Parties following the signing of this MoU.

10.0 VALIDITY

The MoU shall be effective from the date of signing by the authorized representative of both the Parties. It will remain in force indefinitely as long as both the Parties continue to fulfil their obligations as per the provisions of the MoU.

11.0 AMENDMENT TO THE MoU



The terms of this MoU may be modified or amended by written agreement between the Parties.

12.0 DISPUTE RESOLUTION


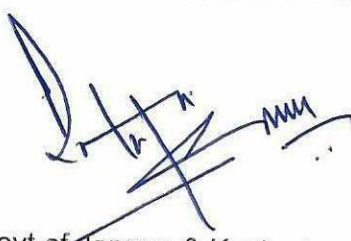
In the event of any dispute, controversy or claim arising out of or relating to this MoU, the Parties will use their best efforts to settle promptly such dispute through direct negotiation. Each Party undertakes to give full and sympathetic consideration to any proposal advanced by the other to settle amicably any matter for which no provision has been made or any controversy as to the interpretation or application of this MoU.

13.0 MISCELLANEOUS

13.1 This MoU is non-binding and serve as a cooperative agreement to foster partnership.

13.2 Confidentiality obligations will be maintained regarding sensitive information shared under this MoU.

IN WITNESS WHEREOF the Parties have executed this Memorandum of Understanding on the of 2025 by their duly authorized representatives.

 <p>For Inland Waterway Authority of India Chief Engineer (T & L)</p>	 <p>Govt of Jammu & Kashmir RTO, KASHMIR Transport Department Govt of J&K</p>
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