

**EXPRESSION OF INTEREST FOR DEVELOPMENT AND O&M OF TERMINALS ON  
NATIONAL WATERWAYS UNDER PPP FRAMEWORK**

Inland Waterways Authority of India (IWAI) invites “Expression of Interest for Development and O&M of Terminals with ancillary Infrastructure on National Waterways (NW) under Public Private Partnership (PPP) framework” from Indian and overseas Organizations. All Organizations which are engaged in the business of Shipping, Port Development / Operations, ICD/CFS Operators, and infrastructure development<sup>1</sup> are eligible to submit their Proposal. Organizations engaged in trading, and manufacturing which desire to develop terminal (s) on their own for captive use, are also eligible in accordance with the terms of this EOI

**I. Objective**

- (1) The objective of this EOI is to seek interest from prospective organizations for the development, maintenance and operation of Inland Water Transport (IWT) terminals on NW-1, NW-2, NW-3, NW-4 and NW-5. These terminals are intended to be used for public purpose under any of the following frameworks
  - (a) O&M of terminals which have already been developed by IWAI. The list of such terminals is provided in Appendix-I
  - (b) Development of additional logistic infrastructure as per the requirement of the region on the terminals which have been partially developed by IWAI. The list of such terminals is provided in Appendix-II
  - (c) Development, Maintenance and operation of other terminals under a suitable PPP framework. The list of such terminals is provided in Appendix-III. IWAI would examine the submissions and decide which locations would be offered on a PPP framework.
- (2) Organizations, shippers and cargo owners are also encouraged to submit their interest for development of captive terminals on National waterways (NW). However the responsibility for land procurement for the purpose of development of terminal, rail and road connectivity shall be with the Organizations, shippers and cargo owners who intend to develop such facilities.
- (3) Any proposal with the combination of any of the above proposed framework is also welcome

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<sup>1</sup> Infrastructure has been defined to include roads and bridges, railway (including MRTS), ports, airports, inland waterways, power (including non-conventional energy), urban transport, water supply, sewerage, solid waste management and other physical infrastructure in urban areas, Infrastructure projects in Special Economic Zones, International Convention centres & other tourism infrastructure projects and storage & gas distribution sectors.

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## II. Background

- (1) IWAI, by statute has been authorized to develop, maintain and regulate the National Waterways. It has been maintaining the National Waterways over the past years. In order to revitalize the use of IWT IWAI has developed a comprehensive program which includes maintaining minimum Least Available Depth (LAD) of 3 meters, deploying state of art navigational aids, terminal development, fiscal incentives, etc
- (2) A part of the program envisages development of Terminals at specific locations and integrating the various NWs through inter modal connectivity. IWAI had engaged RITES to conduct a study which brought out the key locations where the terminals should be developed.
- (3) On the recommendations of RITES, IWAI intends to develop Inland Waterway terminals as mentioned in Appendix-III on National Waterways through private sector participation.

The terminal- wise cargo projections based on the RITES report is provided in Appendix-IV. The prospective developers can also download the detailed report from the link available in [iwai.nic.in](http://iwai.nic.in) → publication of IWAI → publication → report.

- (4) The land for the development of the terminals under PPP framework will be made available by IWAI. Further IWAI would ensure inter modal connectivity with Railways and Roads at these terminals.

## III. Submission

The interested organizations are requested to submit their proposal for development and Operation & Maintenance of terminal(s), which should include:

- (1) Organization Profile
- (2) Annual Report for the past three years
- (3) Location and/or locations of terminals it is interested in
- (4) Nature of assistance required from IWAI/Ministry of Shipping
- (5) Suggested forms of PPP - There are several PPP options namely BOT, BOLT, O&M, Annuity, Joint Venture etc. The applicant(s) needs to submit the suggested PPP framework under which the development and O&M of terminal(s) is proposed.
- (6) Number of years of O&M suggested by the interested organization
- (7) Any other information/views/suggestions which organizations feel relevant in the development of these terminals

- IV. Parties are requested to visit the site location as mentioned in Appendix-I, II & III and make them familiar with these sites.

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- V. IWAI has a right, at its sole discretion, to determine the nature of the PPP framework for each of the locations. Further, IWAI would decide the phasing / sequencing of the locations to be developed based on response, need and strategic requirements. It may add or drop certain locations as it deems fit
- VI. Organization may note this EOI is not part of any bidding process and mere submission of EOI and/or submission of additional information do not automatically entitle them to claim for qualification and/or any other right in any way. IWAI reserves the right to seek additional information from Prospective Parties who respond to this EOI
- VII. The interested organizations are requested to submit their proposal furnishing the above details latest by 15.00 hrs on 18<sup>th</sup> November 2014 in an envelope duly super scribed **“Expression of Interest for Development and O&M of Terminals with ancillary Infrastructure and rail and road connectivity on National Waterways under suitable PPP framework”** addressed to :
- Director (P&C),  
Inland Waterways Authority of India  
A-13, Sector-1  
Noida (UP)  
PIN- 201301  
Phone:0120-2522798  
Email:sahamanaskr@yahoo.co.in**

## Appendix-I

### List of terminals which have already been developed by IWAI

#	NW	Name of the terminal	Area (in acre)	Length of Jetty/Waterfront(WF)	Storage Facilities	Material handling equipment	Water/Power supply	Nearest NH/SH	Nearest Rail Head	Remarks
1	NW-1	G.R Jetty-2 (Kolkata)	3.60	70 m (Fixed RCC Jetty)	One Transit shed of 46x 25 m and open space of 4000 sq m	Nil	Yes	SH	New Alipore	Terminal has a road connectivity
2	NW-1	Patna (Gaighat)	2.93	46 m (Fixed RCC jetty) and 100 WF	One Transit shed of 45x 14 m and open space of 1000 sq m	Shore crane- 2 nos with capacity of 20 MT	Yes	NH-19	Rajendra Nagar	Terminal has a road connectivity.
3	NW-2	Pandu (Guwahati)		50 m (Fixed RCC jetty)	Two Transit sheds of 75x 21 m and open space is also available	One Container crane of 75 MT Capacity, two tyre mounted crane of 20 MT capacity	Yes	NH-37	Railway siding has already been developed by IWAI. Serving station is Kamkhya	Terminal has a road connectivity

#	NW	Name of the terminal	Area (in acre)	Length of Jetty/Waterfront(WF)	Storage Facilities	Material handling equipment	Water/Power supply	Nearest NH/SH	Nearest Rail Head	Remarks
4	NW-3	Kottapuram	0.58	30 m (Fixed RCC jetty)	400 sq m covered warehouse (20m x 20m) and open storage (apprx. 1500-2000 sq m)	One 18 MT mobile hydraulic crane and one 3 MT capacity Forklift	Yes	NH-17.	Aluva	A proposal for alternative road connectivity for container/heavy traffic through NHAI is underway.
5	NW-3	Aluva	1.33	30 m (Fixed RCC jetty)	400 sq m covered warehouse (20m x 20m) and open storage (apprx. 1500-2000 sq m)	One 18 MT mobile hydraulic crane and one 3 MT capacity Forklift	Yes	NH-47	Aluva	Terminal has a road connectivity
6	NW-3	Kollam	0.62	30 m (Fixed RCC jetty)	400 sq m covered warehouse (20m*20m) and open storage (approx. 1500-2000 sq m)	One 18 MT mobile hydraulic crane and one 3 MT capacity Forklift	Yes	NH-47	Kollam	Terminal has a road connectivity

#	NW	Name of the terminal	Area (in acre)	Length of Jetty/Waterfront(WF)	Storage Facilities	Material handling equipment	Water/Power supply	Nearest NH/SH	Nearest Rail Head	Remarks
7	NW-3	Alappuzha	2.26	30 m (Fixed RCC jetty)	400 sq m covered warehouse (20m*20m) and open storage (approx. 1500-2000 sq m)	One 18 MT mobile hydraulic crane and one 3 MT capacity Forklift	Yes	NH-47	Alappuzha	Terminal in under construction, expected to be completed by March 2015. Terminal has a road connectivity

**Appendix-II**

**Terminals which are partially developed by IWAI**

#	NW	Name of the terminal	Area (in acre)	Length of Jetty/Waterfront(WF)	Storage Facilities	Material handling equipment	Water/Power supply	Nearest NH/SH	Nearest Rail Head	Remarks
1	NW-1	Haldia	2.70	70 m (4 pontoon & one Gangway) & 200 m WF	One godown of size 12 x 30 m and open space 1630 sq m	Nil	Yes	NH-41	Haldia	Terminal has a road connectivity
2	NW-1	Bhagalpur	3.86	35 m (1 Pontoon Barge & 1 pontoon Gangaway)	Open Space 1000 sq m	Nil	Yes	NH-80	Bhagalpur	
3	NW-1	Ramnagar (Varanasi)	5.58	35 m (1 Pontoon Barge & 1 pontoon Gangaway) and 300m WF	Open Space 2000 sqm	Nil		NH-7		-

List of Terminals which are proposed to be developed, maintained & operated under suitable PPP framework					
National Waterways	S.No	Name of IWT Terminal	Nearest NH/SH	Nearest Railhead	Gauge
NW-1	1	Katwa	SH-14/NH-6	Sonadanga	BG
NW-1	2	Hazardwari	SH-11A	Cossim Bazar	BG
NW-1	3	Behrampur	NH-34	Behrampur	BG
NW-1	4	Farakka	NH-34	Farakka	BG
NW-1	5	Sahebganj (Samdaghat)	NH-80	Sahebganj	BG
NW-1	6	Allahabad	NH-35	Karchhana	BG
NW-2	7	Tezpur	NH-37	Tezpur	BG
NW-2	8	Neamati (Jorhat)	NH-37	Jorhat	BG
NW-2	9	SaikhuaghatGhat/Dibrugarh	NH-52	Dibrugarh	BG
NW-4	10	Kakinada/Kakinada Port	NH-214	Kakinada	BG
NW-4	11	Muktiyar/Guntur	SH	Guntur	BG
NW-4	12	Vijayawada	NH-9	Vijayawada	BG
NW-5	13	Talcher	NH-23	Talcher	BG
NW-5	14	Kalinganagar	NH-56	Jokadia	BG
NW-5	15	Paradip	NH-5A	Paradip	BG
NW-5	16	Dhamra	SH-9, 9A	Dhamra	BG



**Appendix-IV**

Terminal-wise cargo projections based on RITES report					In MMT
#	Name of IWT Terminal	Year 2011- 12	Year 2011- 12	Year 2021- 22	Year 2031- 32
1	Haldia	NW-1	6.8	8.54	17.85
2	G.R Jetty-2 (Kolkata)	NW-1	3.25	1.49	3.11
3	Katwa	NW-1	8.89	13.08	27.34
4	Hazardwari	NW-1	6.63	7.73	16.16
5	Behrampur	NW-1	2.12	2.38	4.97
6	Farakka	NW-1	2.84	3.46	7.23
7	Sahebganj (Samdaghat)	NW-1	1.79	1.39	2.91
8	Bhagalpur	NW-1	2.27	3.34	6.98
9	Patna (Gaighat)	NW-1	3.81	5.93	12.39
10	Rajghat (Varanasi)	NW-1	1.01	1.23	2.57
11	Allahabad	NW-1	0.52	0.75	1.57
12	Pandu (Guwahati)	NW-2	3.73	7	14.63
13	Tezpur	NW-2	2.15	3.25	6.79
14	Neamati (Jorhat)	NW-2	2.81	3.85	8.05
15	SaikhuaghatGhat/Dibrugarh	NW-2	2.64	4.3	8.99
16	Kottapuram	NW-3	1.18	1.34	2.8
17	Aluva	NW-3	2.38	3.43	8.17
18	Kollam	NW-3	1.87	4.22	8.82
19	Alappuzha	NW-3	2.56	3.1	6.48
20	Kakinada/Kakinada Port	NW-4	7.33	10.47	20.95
21	Muktiyar/Guntur	NW-4	2.51	3.2	6.69
22	Vijayawada	NW-4	20.99	28.38	59.31
23	Talcher	NW-5	1.52	2.46	5.14
24	Kalinganagar	NW-5	1.12	2.34	4.89
25	Paradip	NW-5	10.35	13.24	27.67
26	Dhamra	NW-5	3.5	5.8	12.12