

**Ministry of Ports, Shipping and Waterways**

**Demand No. 77**

**1. Development of Minor Ports (CS)**

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22				
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators	Targets 2021-22	
133.90	1. Support for infrastructure and other support for minor ports in Andaman & Nicobar and Lakshadweep Islands	1.1.No. of jetties constructed	2 <sup>1</sup>	1. Enhancement of cargo and passenger traffic at minor ports of Andaman & Nicobar Islands	1.1.Cargo traffic volume handled at minor ports of A&N islands (in lakh tonnes)	21.36		
		1.2. % of breakwater project completed at Kalpeni	23%		1.2.Passenger traffic at minor port of A & N island (in lakhs)	44		
						2. Enhancement of cargo and passenger traffic at minor ports of Lakshadweep islands	2.1.Cargo traffic volume handled at minor ports of Lakshadweep islands (in lakh tonnes)	0.68
						2.2.Passenger traffic at minor port of Lakshadweep islands (in lakhs)	4.45	

**2. Oil Pollution, Research & Development (CS)**

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22		
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators
1	1. Use of high strength self	1.1.No. of projects to be completed for	1	1. Enhancement in load carrying capacity of	1.1. % increase in load carrying capacity of structural	20%

<sup>1</sup> Extension of jetty at Camp bell bay, Providing separate approach at Swaraj Dweep

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22			
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators	Targets 2021-22
		compacting alkali activated slag concrete in ports, harbours and offshore structures	development of high strength self compacting alkali slag concrete for marine construction		structural members	members	

### 3. Sagarmala (CS)

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22		
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators
401	1. Enhancement of road and rail connectivity to ports	1.1. No. of rail connectivity projects completed	0	1. Improvement in evacuation infrastructure at ports	1.1. Average time in transit of goods from ports to destined locations (in hours)	2
		1.2. No. of road connectivity projects completed	3		2. Enhancement in cargo handling capacity of ports to handle bigger vessels	2.1. % change in cargo traffic volume
	2. Creation of infrastructure at ports and undertaking modernization of ports	2.1. No. of capital dredging projects completed	0	3. Enhanced tourism	2.2. % increase in capacity utilization at ports	0
		2.2. No. of coastal berth projects completed	0		3.1. Increase in number of tourists	10,000
		2.3. No. of new coastal berths	0	3.2. Increase in number of cruise ship calling	0	
2.4. No. of Ro-Ro / passenger jetties	5	4. Skill	4.1. Number of people certified	500		

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22			
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators	Targets 2021-22
			projects completed		development and research in maritime sector		
		2.5.No of cruise terminal projects completed	0				
	3. Skill development and research in maritime sector	3.1. No. of skill development courses	10				
		3.2.No. of training labs established	1				

#### 4. Assistance to Ship Building, Research & Development (CS)

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22		
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators
101	a. Financial Assistance/subsidy to All India Shipyards except Defence PSU Shipyards					
	1. Better finance for construction and delivery of vessels by Indian shipyards	1.1.No. of vessels financed and delivered by Indian shipyards	65	1. Promotion of ship building in domestic shipyards to generate employment and business opportunities	1.1. Amount of business generated (Rs. Crores)	778
					1.2. Employment generated (no. of people)	6,224
	b. Research & Development (Shipping Sector)					
	1. Modelling and laboratory prototype testing of battery-operated short endurance	1.1.Development and optimization of designs - % completed	100%	1. Reduction in CO2 emission in short endurance vessels in Vishakhapatnam Port	1.1.Drop in consumption of diesel in short endurance vessels in Vishakhapatnam Port	15%-30%
1.2.Preparation of		100%				

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22			
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators	Targets 2021-22
		marine vessels	prototypes - % completed				

#### 5. Grants to Inland Water Transport Authority of India (CS)

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22		
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators
252.10	1. Infrastructure and other support for Inland waterway to augment the capacity and cargo handled by inland waterways	1.1. % of projects completed for operation and maintenance of fairway and inland waterway terminals	100%	1. Seamless and safe transportation of goods on national waterways	1.1. % increase in movement of cargo on national waterways	5%
		1.2. %age of project completed - Project for initiation of land acquisition for rail connectivity for multi-modal terminal (MMT) at Varanasi	20%		1.2. Cargo traffic volume handled on national waterways (million tonnes per annum)	79
		1.3. % of project completed -Construction of Thrikunnapuzha Lock in NW-3	100%			
		1.4. % of project completed -Construction and O&M of terminals in NW-4	100%			
		1.5. % of project completed -Modernization of NINI Patna including training vessels, dredger, house boat etc.	25%			
		1.6. % of project completed -Signing of Concessionaire agreement of Gaighat on NW-1 & Pandu, Dhubri Terminal on NW-2	67%			

## 6. IWAI Projects (CS)

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22		
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators
371.50	1. Infrastructure and other support for National Waterway-1 to augment the capacity and cargo handled by inland waterways	1.1.No. of projects undertaken under Jal Marg Vikas Project on NW-1 (stretch Varanasi to Haldia)	3 <sup>2</sup>	1. Seamless and safe transportation of goods on national waterways	1.1.% increase in movement of cargo on national waterways	5%
		1.2.No. of multimodal terminals operations to be awarded to private operators	3 <sup>3</sup>			

<sup>2</sup> IMT Kalughat, Farakka lock & fairway development

<sup>3</sup> MMT Varanasi, Sahibganj & Haldia