

## PORTS

The Department has taken steps to reactivate the port lying dormant over the years. Steps are being taken to develop the Port infrastructure in a planned and phased manner to give further boost to shipping activities. In order to give fillip to the activities of the Port, it has been proposed to establish a Port Development Corporation in this Union Territory. During the Tenth Plan, Pondicherry Port is expected to continue to function as a lighterage port., while the old port will be improved with direct ship berthing facility by extending the existing pier after undertaking repairs/strengthening works on it.

The Pondicherry Port is situated in the East Coast between two Major Ports viz., Chennai and Tuticorin. Pondicherry Port is at about 150 km. south of Chennai Port. The Port is vested with good depths (10m depth available at 1.2 km and 15m depth at 2.5 km from shore) for anchoring DWT Vessels. The city has also good infrastructure facilities like reliable power supply, rail / road links, good communications and banking facilities. The available port land to an extent of 150 acres with some more land acquisition will be suitable for the development of good minor port. The recently set up Inland Container Depot inside the Port Complex can further promote Exim Trade in the region. The Port can serve the immediate hinterland upto 100 km and extended hinterland upto 350 km.

During the Tenth Plan period, it is targeted to handle 30 lakhs Metric tonne of cargo from Pondicherry Port. The existing infrastructure within old and new port will be strengthened during the Tenth Plan and Port Development Corporation has been proposed for speedy and planned development.

## OUTLAY AT A GLANCE

Sector : PORTS No. of schemes : 3  
 Department : PORT

(Rs. in lakh)

Ninth Five Year Plan 1997-02 Approved Outlay : 780.00  
 Annual Plan 1997-2000 Actual Expenditure : 390.33  
 Annual Plan 2000-01 Actual Expenditure : 247.91  
 Annual Plan 2001-02 Approved Outlay : 375.00  
 Annual Plan 2001-02 Revised Outlay : 375.00  
 Tenth Five Year Plan 2002-07 Proposed Outlay : 2500.00  
 Annual Plan 2002-03 Proposed Outlay : 400.00

(Rs. in lakh)

Sl. No.	Name of Scheme	2000-01	2001-02		2002-07	2002-03
		Actual Expenditure	Approved Outlay	Revised Outlay	Proposed Outlay	Proposed Outlay
(1)	(2)	(3)	(4)	(5)	(6)	(8)
1.	Infrastructure development and improvement to Pondicherry Port.	208.50	177.09	326.09	1300.00	200.00
2.	Port improvement, operation and maintenance (Pondicherry, Karaikal & Mahe)	39.41	197.91	48.91	1000.00	180.00
3.	Formation of Pondicherry Port Development Corporation	--	--	--	200.00	20.00
<b>Total</b>		<b>247.91</b>	<b>375.00</b>	<b>375.00</b>	<b>2500.00</b>	<b>400.00</b>

## Scheme No. 1

Sector : PORTS  
Implementing Department : PORT

**1. Name of the Scheme** : Infrastructure Development and Improvement to Pondicherry Port.

**2. Objective of the Scheme** :

The schemes under this sector are mainly for the development of Pondicherry Port. During Tenth Five Year Plan Pondicherry Port is expected to have busy operation schedule as lighterage Port by handling cargo in the New Port as well as the Old Port. It is targeted to handle 30 lakh metric tonnes of cargo from the Port. The existing infrastructure both in the old and New Port will be strengthened during the Tenth plan. It is proposed to connect both the Ports by laying a road and constructing a bridge across the upper canal. In order to attain better rail connectivity, it is proposed to convert the existing railway siding from metre gauge to broad gauge as connecting Villupuram - Pondicherry broad gauge line has been taken up. In order to provide direct berthing facility it is proposed to strengthen the existing pier and extend it further into the sea. The banks in the inner channel are to be protected from erosion. Therefore, pitching work are proposed to be executed. In order to protect the shoreline along Pondicherry coast from erosion construction of groynes at various points on the coastline are to be taken up. Signal station, Weigh Bridge and other infrastructure facilities are proposed to be provided. Provisions of navigational aids are essential for the safe entry and leaving of boats and lighters in the backwater of this Port.

Since the new Port has been constructed in the backwater entrance of Ariyankuppam river, dredging of the channel (both inner and entrance) and sand trap assumes greater significance. As dredging is the heart beat of the new port, a new dredger of higher capacity and sophisticated gadgets are proposed to be purchased. Two sand pumps mounted on the tower crane are proposed to be procured to boost dredging activities. As the dredged soil / silt is proposed to be utilised for nourishing the shoreline, it is proposed to purchase DI pipes for disposal of silt. It is proposed to purchase booster pumps to dispose the silt over a long distance. Thrust is planned to be provided for computerisation of various activities of the Port.

(Rs. in lakh)

<b>3. Ninth Plan 1997-02</b>	:	
a) 1997-2000 (Actual Expenditure)	:	220.70
b) 2000-2001 (Actual expenditure)	:	208.50
c) 2001-2002 (Revised Outlay)	:	326.09

**d) Actual Physical Achievement (1997-2000) :**

- i) Annual maintenance of Dredgers
- ii) Annual manning contract of dredging in the mouth portion
- iii) Fabrication of ball and socket joints
- iv) Maintenance of dredgers were carried out
- v) Link roads adjacent to the power house and pump house were carried out
- vi) Dredging of mouth portion was entrusted to M/s. Dredging Corporation of India and the work was completed.

**e) Actual Physical Achievement (2000-01) :**

- i) Dredging of mouth portion of Ariyankuppam river
- ii) Purchase of MS (DI) pipelines for dredging operation
- iii) Annual maintenance of dredgers
- iv) Annual maintenance of light house at Karaikal and Mahe
- v) Construction of compound wall at old Port (Eastern side)
- vi) Providing power supply of higher capacity and installation of 315 KVA transformer
- vii) Purchase of HDPE pipes with floaters for discharging slurry during dredging operation.
- viii) Improvements to OHT sump work.
- ix) Construction of power room.
- x) Improvements to the transit shed.
- xi) Construction of compound wall at southern side old port.
- xii) Dry-docking of dredger – Karaikal.
- xiii) Installation of VHF communication set for shipping operations.
- xiv) Lighting arrangements in old and new port area.
- xv) Improvement to the shed no.4 in the new port.
- xvi) Design and fabrication of fuel pontoon.

**f) Anticipated Physical Achievement (2001-02) :**

**1. Mechanical Works (Ongoing)**

Installation of DI pipes, HDPE Pipes, Manning and operation of dredgers, Dry-docking – Karaikal.

**(New)**

Annual maintenance of dredger – Pondicherry, Annual maintenance of dredger – Karaikal, Manning of the dredger., Inner channel (once in three years) , Mouth portion (every year around 4.0 lakh cum as recommended by CWPRS, Pune), Operational cost of dredgers, HDPE pipes (with floating hoses), Dry Dock – Pondicherry., Karaikal, New

Launch, Navigational aids, Manufacture of pontoons, Purchase of 1 set of Sand Pump, HDPE pipes for sand pump, maintenance of cranes, Fabrication of spuds, Purchase of production meter (2 nos) for the dredgers, Maintenance of winch and cradle, Corporation fund - seed capital, Improvements to the mooring bollards and lamp post at the pier in the old port area, Conducting non-destructive test for the existing jetty at old port area, Purchase of wooden fenders for the old port jetty.

Attending repair / improvement works to the transit shed no.1, 2,3 & 4, Supply and fixing of GI sheet covered sliding door at the entrance of old pier, Providing and laying sub-base course at the entrance of western side of old port area, Providing and laying of sand gravel mix over the existing sub-base course at the western side of old port area, Providing and fixing of wooden fender on the old pier - northern side, Surface dressing of ground near transit shed no.3 and 4, ground between pump house and watchman shelter, power room and pump house in the new port area, Providing and laying brick band at the pier south side for power supply cable concealing at old port, Pondicherry, Improvement to OHT, sump and providing water supply facilities upto the pier end in the old port area, Maintenance of railway line

## **2) Civil Works**

Improvement to the Transit shed No.1,2,3,4,6 & 6 in the old port area. Project proposal for Survey Numerical Modeling, Design of groyne field and nourishment scheme for Pondicherry. Patch works in BT Surface- old port. WBM & premix carpet in old port area. Improvements to pier at old port. New approach road from West Boulevard to old port. Construction of signal station at old port. Purchase of Weigh bridge, Erection of western side entrance gate, improvement works to the O/o the EE and workshop, Extension of pier at old port and repairs and Improvements to existing old pier., Construction of bridge across the drainage canal to create connection from eastern to western side of new port., Providing connecting road between old and new port along the coast., Nourishment of beach (Consultancy fees)

## **3) Electrical Works**

Enhancement of load from 220KVA to 300KVA at old and new port. Street lights maintenance. Tunnel lighting arrangements, Street lights for west side entrance at old port area, Street lights for the newly proposed road from west boulevard to old port, Lighting arrangements to the wharf area of the pier at old port and Electrical works at old port

## **4) Release of seed capital to Pondicherry Port Corporation**

4. **Proposed Outlay for the Tenth Plan 2002-07** : 1300.00  
**Proposed Outlay for the Annual Plan 2002-03** : 200.00

5. **Programme envisaged for the Tenth Plan (2002-07):**

Setting up of Port Development Corporation and undertaking various civil and improvement works in the Port.

6. **Programme envisaged for the Annual Plan (2002-03):**

Formation of Port Development Corporation, Purchase of New dredger, Sand Pump, Tower Crane-I and II and pipes (DI), booster pumps, construction of Groynes, extension of Jetty, strengthening of existing jetty, providing navigation aids, provision of Hydrographic survey, Construction of signal station, weigh bridge & other infrastructures, Computerisation, Manufacture of pontoons, Providing connecting road between old and new port including construction of bridge across the upper canal, Conversion of the Railway sidings from Meter gauge to Broad gauge. Pitching of the Inner Channel.

7. **Remarks** : Continuing Scheme.

**Scheme No. 2**

Sector : PORTS

Implementing  
Department : PORT

1. **Name of the Scheme** : Port improvement, operation and maintenance (Pondicherry, Karaikal, Mahe)

2. **Objective of the Scheme** :

The Scheme Development of Port facilities (Ariyankuppam, Karaikal and Mahe) is proposed to be renamed as port improvement, operation and maintenance (Pondicherry, Karaikal and Mahe) and included in ongoing scheme under Development of port facilities. The maintenance of Dredgers and dredging related machineries like cranes, launches, slipway etc and dry docking dredgers are proposed under this scheme. To measure the quantity of silt dredged, it is proposed to procure production meters. A hydrographic survey within the port limits is proposed to be carried out for further developmental works. The Port department has under its control only one Light House

each at Karaikal and Mahe. Hence augmentation and Improvements to the Light House is proposed to be taken up.

(Rs. in lakh)

**3. Ninth Plan 1997-02** :

**a) 1997-2000 (Actual Expenditure)** : 169.63

**b) 2000-2001 (Actual expenditure)** : 39.41

**c) 2001-2002 (Revised Outlay)** : 48.91

**d) Actual Physical Achievement (1997-2000)** :

- i) Fabrication of MS pontoons.
- ii) Construction of compound wall at Old Port area.
- iii) Construction of Toilet block.
- iv) Construction of Towing Launch
- v) Providing and laying of WBM to the roads nearby power room & Pump House in the New Port Area.
- vi) Construction of a portion of compound wall
- vii) Annual Maintenance of Mahe Light house.
- viii) Annual Maintenance of Karaikal Light House.
- ix) Improvements to Light Houses at Karaikal and Mahe.

**e) Actual Physical Achievement (2000-01)** :

- i) Improvements to Light Houses at Karaikal and Mahe.
- ii) Improvements to the shed No.4 in the New Port.
- iii) Improvement to OHT sump work
- iv) Construction of power room
- v) Improvement to the Transit shed
- vi) Construction of compound wall at southern side of old port.

**f) Anticipated Physical Achievement (2001-02)** :

Purchase of photocopier and Fax Machine.

Extension of bank protection, Raising the power room at New Port Area, Providing and laying of open storage along Transit shed, Construction of compound wall, U-drain in south west corner, construction of gate at the entrance of tunnel, Providing and fixing of GI sheet entrance door electrically operated at New Port Area, improvement of approach road, Special repairs to the chambers of Director, EE, Port Officer, Construction of compound wall (eastern and southern side), power room, Providing and fixing main entrance and pedestrian gate at the Old Port area, Annual Maintenance of Light houses in Karaikal and Mahe.

Enhancement of load from 44KVA to 300 KVA., Street light Maintenance, Tunnel lighting, Street light around the tunnel, Electrical works at New Port.

4. **Proposed Outlay for the Tenth Plan 2002-07** : 1000.00  
**Proposed Outlay for the Annual Plan 2002-03** : 180.00

5. **Programme envisaged for the Tenth Plan (2002-07):**

Maintenance of dredgers and existing assets, light houses.

6. **Programme envisaged for the Annual Plan (2002-03):**

Maintenance of Dredging of Port and channel every year Including maintenance of dredgers, dry-docking of Dredger. Purchase of production meter. Maintenance of existing assets such as equipment, etc. Maintenance of Light Houses at Karaikal and Mahe. Replacement of old vehicles.

7. **Remarks** : Continuing Scheme.

**Scheme No. 3**

Sector : PORTS  
 Implementing Department : PORT

1. **Name of the Scheme** : Formation of Port Development Corporation.

2. **Objective of the Scheme** :

In order to give fillip to the activities of the Pondicherry Minot port, it has proposed to establish a Port Development Corporation.

3. **Ninth Plan 1997-02** : (Rs. in lakh) --
4. **Proposed Outlay for the Tenth Plan 2002-07** : 200.00  
**Proposed Outlay for the Annual Plan 2002-03** : 20.00

5. **Programme envisaged for the Tenth Plan (2002-07):**

Formation of Pondicherry Port Development Corporation. Release of seed capital.

6. **Programme envisaged for the Annual Plan (2002-03) :**

Formation of Pondicherry Port Development Corporation. Release of seed capital.

7. **Remarks** : New Scheme.