

1. EXTENSION OF EXISTING CONTAINER TERMINAL (VCTPL Ph-2) AT VPT ON DBFOT BASIS



Project Brief

The Project Consists of extending existing berth to a length of 395m length and 34m width with a dredge depth of (-)16.10m to handle one bigger vessel or two smaller vessels at a time. With the addition of 395m length, the total quay length will be 845m.

This project has been contemplated to handle container cargo due to huge demand for container traffic. The facility is having 3 number of quay cranes and 9 number of Rubber Tyred Gantry Cranes (RTGC) to handle container cargo.

The extension of existing container terminal will augment the capacity from 0.44 MTEUs to 0.99 MTEUs.

Project Time lines:

- Start date : 02.03.2019.
- Completion Date: 01.02.2022.

Project Cost : Rs 633.11 Crores.

2. UP-GRADATION OF THE EXISTING FACILITY FOR IRON ORE HANDLING ON DBFOT BASIS (EVTL).



PROJECT BRIEF:

- The Concession Agreement was signed by the Concessionaire M/s. EVTL on 13.12.2013 and the terminal was handed over to EVTL on 14.05.2015.
- The project is developed to handle Iron Ore i.e. Unloading of cargo from Wagon Tippers through unloading facilities at dumper house, the transfer the same upto the point of storage, storage at the stock yard, reclaiming from stock yard loading into ship through connecting conveyors.
- Project Capacity: Phase-I - 16.2 MMTPA.

PROJECT TIMELINES:

Date of Commercial operations for Phase-I issued by Independent Engineer on 29.09.2018.

PROJECT FINANCIAL INFORMATION:

Project cost: Rs.580.89 crs (Upfront fee: Rs.185.57crs + Phase-I – Rs.395.02 crs)

3. DEVELOPMENT OF WQ -7 AND WQ-8 BERTH IN VPT



Project Brief

The project consists of developing a contiguous berth length of 560m and 34m width to cater to the berthing requirement of two vessels each up to 230m LOA, 32.5m Beam and 14.0m draft. Accordingly, the berth shall be designed for a dredge depth of (-) 16.10 m CD. This berth is designed to handle vessels of 850,000 DWT. The berth facilitates the handling of bauxite, iron ore, limestone, blast furnace slag, etc.

This berth will enhance the cargo handling capacity to the tune of 6.41 MTPA.

Project Time lines:

- Start date : 20.10.2015.
- Completion Date : 31.03.2018.

Project Cost : Rs 244.46 Crores.

4. Supply, Installation, Commissioning of RFID systems at Visakhapatnam Port Trust



Project Brief: To significantly enhance security at all gates to speed up the movements, and to track and trace the every movement to record wheel entry/exit at all 06 gates, Visakhapatnam Port has implemented RFID based Gate Access Control system at the following Gates, counters namely,

- a. No. of gates-06 (GCB, DM, EQ7, WQ7, WOB, NW)
- b. No. of counters -05 (DLB-01, EQ7-02, WOB-02)

Project timelines:

- i. Award of Work : 16-12-2016
- ii. Work commenced on -22.02.2017
- iii. Date of Go-live: 13.01.2018
- iv. Final commissioning- 31.01.2019
- v. O&M Commencement- 1st Feb 2019

Project Financial Information: Rs.8,49,38,346/--(Rupees eight crore forty nine thirty eight thousands three hundred forty six) Approx.

5. Procurement, Installation, Supply, Testing & Commissioning of Mobile Container Scanner



Project Brief: The Director General of Foreign Trade has made it mandatory for existing designated Ports are required to install Container Scanners for the purpose of import of un-shredded metallic scrap.

MXCS used in the detection of:

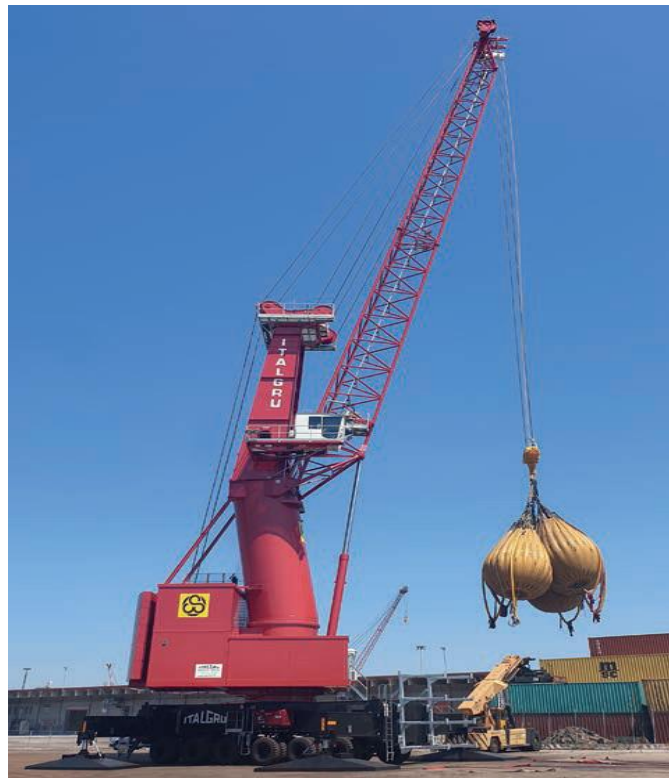
- a) Mis-declaration of description, and or quality of goods,
- b) Concealment of contraband goods viz. fire arms of various types, assorted ammunitions, explosives of different varieties, components used in fabrication of improvised explosive devices,
- c) Material discrimination, identification and quantity/volume estimation
- d) Narcotic drugs and psychotropic substances, (concealed or otherwise)

Capacity: 20 Scans per hour.

Project financial information: Work order value Rs.29.7 Crores.

Present status: Operations commenced

6. Supply, Installation, Commissioning, Operation and Maintenance of 2 HMC's of capacity greater than 100 MT at EQ Berth



Project Brief: VPT proposed to install One HMC's of 100 Ton license basis for cargo handling operations on revenue sharing model. The Harbour Mobile Crane to be deployed shall meet the following requirements:

The maximum permissible vessel that can be currently handled at VPT Inner harbour is Panamax vessel with a maximum LOA: 230m and Beam: 32.26m. All Bulk and Break Bulk Cargoes are permitted to be handled by the HMC. The maximum output achieved by the existing HMC was 12,500 MT per day for export cargo and 10,000 MT per day in respect of Import Cargo. The proposed HMC is intended for use at EQ-2 & EQ-3 Berths.

Project Timelines:

- Letter of Intent awarded to the firm M/s Orissa Stevedores Limited, Odisha on 13.03.2020.
- Due date for Supply of HMC is 30-04-2022 (Extended time period)
- HMC contract period valid upto 5 years from the date of commission of the crane.

Project financial information: Proposed Revenue share 33.84%

7. CONSTRUCTION OF COASTAL BERTH AT VPT



Project Brief

The Ministry of Shipping is committed to promote coastal movement of cargoes, as coastal shipping not only decongests the road and rail network, but is also environment friendly and cheaper than other modes. It is the objective of the Ministry to double the movement of the coastal cargo in the next five years.

Coastal cargo does not require customs clearance and only information needs to be filed with the customs. Further, a 40% rebate is given to vessels carrying coastal cargo.

Accordingly Visakhapatnam Port developed Green Channel Berth of length 185m with a dredge depth of (-) 9.0m in the North Western Arm in the year of 2015 as per the Government of India guidelines.

This Project capacity is 1.66MTPA.

Project Time lines:

- Start date : 30.04.2015
- Completion Date : 31.05.2015

Project Cost : Rs 45.00 Crores.

8. DEVELOPMENT OF FLYOVER BRIDGE FROM SEA HORSE Jn. TO DOCK AREA



Project Brief

The proposal consists of developing a flyover for a length of 3.933 km to connect the stacking areas within the port and to provide road connectivity to National Highway through the newly constructed grade separator at convent junction.

This flyover provides comprehensive solution for seamless movement of road and rail traffic and will segregates the road and rail traffic by introducing grade separators by way of elevated corridor road network and eliminate most of level crossings and to facilitate free movement of traffic.

This will enhance speedy evacuation of cargo with manifold increase in safety of movement.

Project Time lines:

- DPR completed and Bids are to be invited.

Project Cost : Rs 250.59 Crores

Current status : VPT is in process of taking up the work with the financial assistance of SDCL.

9. PROVIDING A DIRECT CONNECTION BETWEEN OEC AND WESTERN SECTOR JOINTING AT NAD CURVE FROM E.CO.RLY.



PROJECT BRIEF: The object of the above siding is to reduce detentions to western sector bound rakes and also it is proposed to divert traffic through OEC by providing a direct connection between OEC & Western Sector branching off from line number 1 of OEC duly relocating connection to Naval Transit yard.

PROJECT TIMELINES:

- | | | |
|------|--------------------|-------------|
| i) | Duration: | 15 months |
| ii) | Start Date: | 21.08.2015 |
| iii) | End Date: | 10.06.2020. |

PROJECT FINANCIALS:

- | | | |
|----|----------------------|------------|
| i) | Project Cost: | Rs 21.8 Cr |
|----|----------------------|------------|

PRESENT STATUS: Project completed

10.EXTENSION OF LINE NO.11 TO 15 TO FULL LENGTH AT R&D YARD.



PROJECT BRIEF:

The R&D Yard of VPT is the point of interchange of rakes between the Port & Railways.

There are two grids consisting of total 21 lines in this yard i.e. New Grid and Old Grid.

On an average 16 to 19 trains are interchanged between E.Co.Railway and VPT through R&D yard.

The average detention works out to nearly 6 and half hours at WMY due to lines in R&D yard.

This detention is basically due to non-utilization of “Non Standard Length lines”.

Hence, the extension of line Nos.11 to 15 to full length at R&D yard at VPT will result into i) **Handling more number of rakes,** and ii) **Reduction in the detention of rakes,** which means more capacity for earning freight.

PROJECT TIMELINES:

i)	Duration:	24 months
ii)	Start Date:	21.08.2015
iii)	End Date:	10.06.2020

PROJECT FINANCIALS:

i)	Project Cost:	Rs.13.56Cr.
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PRESENT STATUS: Project completed

11.Phase-II of MULTI MODAL LOGISTICS HUB – VISAKHAPATNAM PORT



Project Brief:

VPT allotted a land of 108.15 acres opposite to Airport adjacent to National Highway near Ayyappaswamy Temple to M/s CONCOR for setting up of Container Freight Station/MMLP on lease basis for a period of 30 years.

M/s CONCOR has developed the project in Phases and it commenced Operations of Phase-I in the year 2015 and Phase-II in the year 2017.

Project Financials: Total cost of Project : Rs 480 Crores.

12.DEVELOPMENT OF NEW EQ-10 BERTH



PROJECT BRIEF:

The terminal was envisaged for handling Liquid cargo which includes Bio diesel, Caustic Soda, Chemical and Edible oils, Class B & C Chemicals and other liquid cargo (excluding POL).

Concession Agreement was entered on 16.08.2010 with M/s AVR Infra Terminal Private Limited and date of award was 10.10.2011. The Capacity of the terminal is 1.84 MTPA.

The terminal is having 6 storage tanks of 3000KL capacity each to store the liquid cargo.

PROJECT TIMELINES:

i) Start Date: **10.10.2011**

ii) End Date: **03.08.2018**

PROJECT FINANCIALS: Rs.55.38 Crores

13.STRENGTHENING OF EXISTING EQ-7 BERTH TO HANDLE VESSELS OF 14.5m DRAFT



Project Brief

The EQ-7 berth was constructed in the year 1997 and designed for a dredge depth of (-) 12.00m. Due to dredging of inner channel and turning circle to facilitate handling of higher capacity of vessels, the existing berth has been strengthened by providing a platform with Piles to sustain the (-) 16.10m dredge depth.

Due to strengthening the EQ-7 berth can handle higher capacity vessels and cargo through put will be enhanced which in turn increase the cargo throughput of the Port.

Project Time lines:

- Start date : 10.04.2016.
- Completion Date : 13.05.2017.

Project Cost : Rs 16.50 Crores.

14. CONSTRUCTION OF CRUISE TERMINAL BERTH AND TERMINAL BUILDING AT CHANNEL BERTH



Project Brief:

1. Construction of Berth:

(a) The design Cruise vessel parameters:

Category : Panamax;

Passengers : 2,000;

GRT : 50,000 to 100,000;

Total Site area : 12,660 sq.m

(b) For handling ships of LOA 300 m, Beam 37.6m and draft 8.1 m.

2. Construction of Terminal Building and Amenities:

a) Passenger Terminal Building (PTB) with a total built up area 3530 Sq.m.

b) Ground Floor area 2750 Sq.m (Arrival and departure)

c) First Floor 6.00m height with area 780 Sq.m.

d) Adequate parking space: Bus parking: 7 ; Car parking: 70 & two wheelers: 40 nos.

Project Timelines:

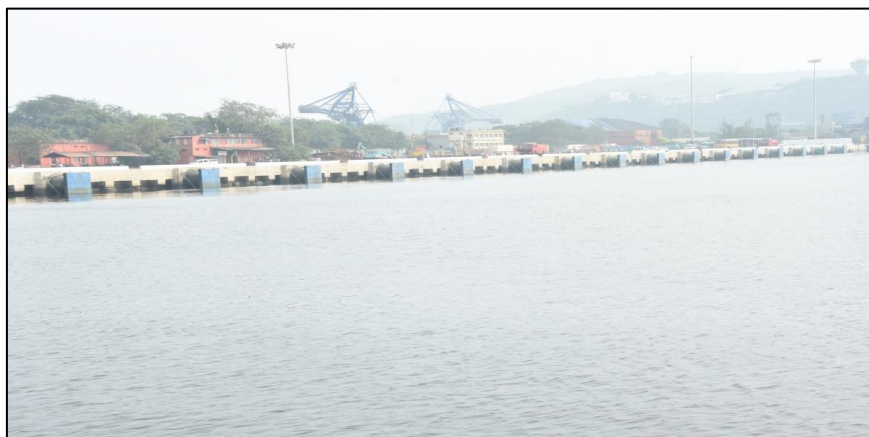
- Cruise Berth: (14months) Start date: 24.01.2022; Target date: 07.04.2023.

- Cruise Terminal Building: (14months) Start date: 02.02.2022; Target date: 16.04.2023.

Project financial information:

- Project taken up with 50% financial assistance from Ministry of Tourism under the scheme “Assistance to Central Agencies for Tourism Infrastructure Development”
- Total revised cost of the Project: Rs.96.05 Cr.
- Cruise Berth: Work order issued for an amount of Rs.**52.93** crores.
- Cruise Terminal Building: Work order issued for an amount of Rs.**19.33** crores.

15.CONVERSION OF EXISTING BERTHS EQ-2 EQ-3 EQ-4 AND PART OF EQ-5 IN TO TWO NUMBER OF BERTHS.



Project Brief

The existing berths EQ-2 EQ-3 EQ-4 and EQ-5 in Inner Harbour are constructed in the 1970s on monoliths and outlived their design lives. The berths are constructed to a dredge depth of (-) 10.06m and can handle berths up to 40000 DWT vessels.

Due to dredging of inner Harbour to (-)16.10m to handle vessels of 85000 DWT vessels, the existing berths are strengthened and made into a berth of 530m length & 22.50 m wide to handle 85000 DWT vessels.

The berths will augment the capacity from **3.09 MTPA to 6.45 MTPA**.

Project Time lines:

- Start date: 20.02.2016.
- Completion Date: 30.09.2019.

Project Cost : Rs 194 Crores.

16. ELECTRIFICATION OF VPT RAILWAY LINES 38 TKM



PROJECT BRIEF: The existing system of VPT Railway lines connected with main line of Howrah – Chennai trunk routes as well as Bailadilla mines for iron ore and Visakhapatnam- Raipur-Nagpur main line.

From main lines of E.Co Rly port is receiving Loaded / Empty rakes with electrified engines upto R&D yard only, since the tracks of VPT are partly electrified upto R&D yard.

Hence electrification of the railway lines at remaining yards are proposed to improve efficiency in operations and to save time, energy and cost to both VPT & Railways.

It reduces detention and improves turnaround of rakes

PROJECT TIMELINES:

- | | | |
|------|--------------------|------------------------|
| i) | Duration: | 18 Months |
| ii) | Start Date: | 10.02.2022 |
| iii) | End Date: | work is under progress |

PROJECT FINANCIALS: i) Project Cost: Rs.21.10 Cr.

17.IMPROVING THE CAPACITY UTILIZATION OF OR-1 AND OR-2 BERTHS IN INNER HARBOUR



Project Brief

The existing OR-1 and OR-2 berths are constructed way back in 1960s with a dredge depth of (-)10.70m on monoliths to handle 40000 DWT vessels. These berths outlived their design life. The scope of work is to dismantle the existing monolith structure of OR-I and OR-II Berths and to construct a new OR-I and OR-II berths for a length of 426.00 m and additional berth of 180.00 m (total length: 606.00 m) with an offset of 12m from the existing face of the berth towards land side and dredging the channel to the dredged depth of (-) 16.10m.

The berths will enhance the existing capacity from 3.28MTPA to 6.53MTPA totaling to 9.81 MTPA.

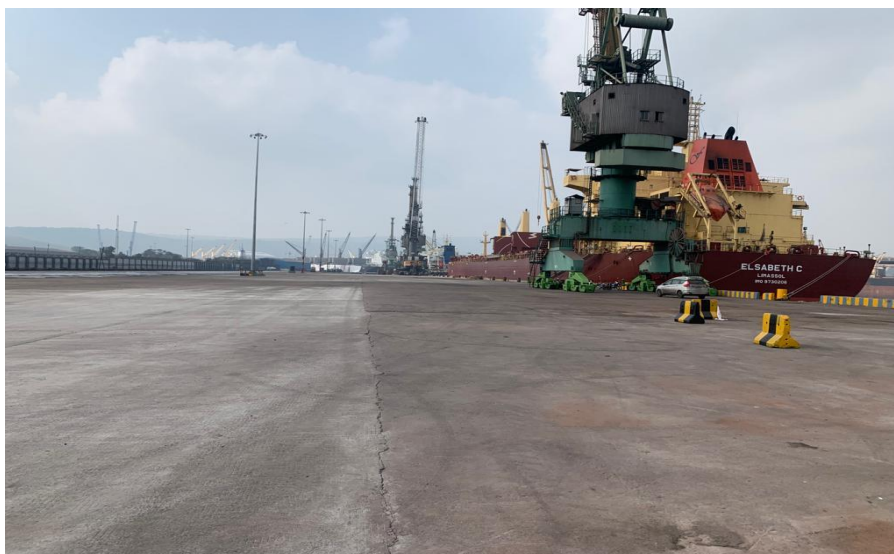
Project Time lines:

- Start date : 26.11.2018.
- Completion Date : 30.04.2023.

Project Cost : Rs 167.66 Crores.

Status: Work is in Progress. OR-III berth (180m) completed on 10.07.2020

18. MECHANIZATION OF EQ-7 BERTH / Multiple Cargoes



PROJECT BRIEF:

- Development of EQ-7 berth by providing mechanized facility for handling Fertilizer cargo and other all bulk cargoes such as Steam Coal & Pet Coke. The mechanization mainly to comply environmental norms to avoid air borne dust pollution & faster evacuation of vessels.
- The total length of the berths is 255 mts.
- Capacity: 3.61 MMTPA.

PROJECT TIMELINES:

Singing of Concession Agreement – December - 2022 (likely)

Expected Completion date - December – 2024 (likely)

PROJECT FINANCIAL INFORMATION:

Estimated project cost : Rs.200.99crs

19. CONSTRUCTION OF COVERED STORAGE SHEDS IN PORT AREA



Project Brief

VPT is in process of developing Covered storage sheds in an extent of 20.00 Acres at a cost of Rs.210.00 Cr. (Approx.) in a phased manner by formation of SPV with SDCL and sought financial assistance from SDCL. These sheds are to be constructed to handle bulk cargoes & to provide environmental hygiene and also meet Statutory Regulations of NGT and Pollution control Board. The sheds will be constructed with Pre-Fabricated Engineering Elements. Four sheds are proposed to be constructed at a total cost of Rs. 146.20 Cr.in the following locations in port area (i) R2-R5 area – 200x40x17m at a cost of Rs. 25.36 Cr (ii) R10 area – 200x40x17m at a cost of Rs. 25.78 Cr. (iii) R11 area – 400x40x17m at a cost of Rs. 55.60 Cr. 300x40x17m at a cost of Rs. 39.46 Cr

Project Time lines:

- Start date : 07.02.2022
- Completion Date : 30.04.2023.

Project Cost : Rs 25.36 Crores.

20. MECHANIZATION OF WQ-7 AND WQ-8 BERTH (BULK CARGO)



Project Brief

The project consists developing a contiguous berth length of 560m and 34m width to cater to the berthing requirement, of two vessels each up to 230m LOA, 32.5m Beam and 14.0m draft.

The berth shall be designed for a dredge depth of (–) 16.10 m.

This berth is designed to handle vessels of 850000 DWT vessels.

The berth facilitates handling of bauxite, iron ore, lime stone, blast furnace slag etc. This berth will enhance the cargo handling capacity to the tune of 6.41MTPA.

Project Time lines:

- Start date : 20.10.2015.
- Completion Date : 31.03.2018.

Project Cost : Rs 244.46 Crores.

21. REVAMPING OF WQ-6 TERMINAL ON DBFOT

Project Brief :

Visakhapatnam Port Trust proposes for revamping of existing West Quay 6 Terminal for handling of dry bulk cargo by providing Mechanical Handling System in the existing Berth along with other facilities to handle bulk cargo.

The scope of the Project broadly involves, Upgradation of the existing facility viz. Strengthening / refurbishment and installation of Civil and Mechanical / Electrical works, along with installation of two (02) Mobile Harbour Cranes at an estimated cost of Rs.88.5 Crores & Upfront fee payable for the existing facility, i.e., the Upfront cost of the existing berth, backup area and stackyard works out to Rs.77.2 Crores.

The existing berth of length 255 m, along with the existing facility created, shall be handed over to the Concessionaire on the Date of Award of Concession, on payment of the Upfront Fee cited at (b) above. The Project envisages handling of about 58,000 DWT capacity Vessels at this Berth.

The available draft is 14.0 Mtrs. About 12.2 Acres of Stackyard and about 2.3 Acres of back up yard at berth

The berth capable of handling the cargoes like Manganese Ore, Pet Coke, Lam Coke, Alumina, Steel, Gypsum, Limestone, Fertilizers and Iron Pellets Aggregate.

This berth capacity is 5.18 MMTPA.

Project Time lines:

- Target Award Date : January 2023 (Tentative)
- Completion Date : July 2024 (Tentative)

Project Cost : Rs. 165.70 Crores

22.DEVELOPMENTOF EQ-6 BERTH AND MECHANIZATION ON PPP

Project Brief

Visakhapatnam Port Trust proposes for mechanization of existing East Quay-6 berth (255 m length) for handling of all type of cargoes by providing Mechanical Handling System in the existing Berth. The scope of the Project broadly involves, installation of Mobile Harbour Cranes (84T), Mobile hoppers of 100 T capacity along with development of stack yard. The berth will handle the cargoes like Anthracite Coal, Sulphur, Rock Phosphate, Limestone, CP Coke, Caustic soda, phosphoric acid, Ammonium Nitrate.

This berth will enhance the cargo handling capacity to the tune of 2.83 MMTPA (Tentative)

Project Time lines:

- Target Award Date : April 2023 (Tentative)
- Completion Date : October 2024 (Tentative)

Project Cost : Rs. 125.62 Crores