



पत्तन, पोत परिवहन
एवं जलमार्ग मंत्रालय
MINISTRY OF
**PORTS, SHIPPING
AND WATERWAYS**



Development and Maintenance of Land to be created in Offshore of Vadhvan Coast by Dredging / Reclamation & Construction of Offshore Protection Bund for Vadhvan Port on Hybrid Annuity Mode

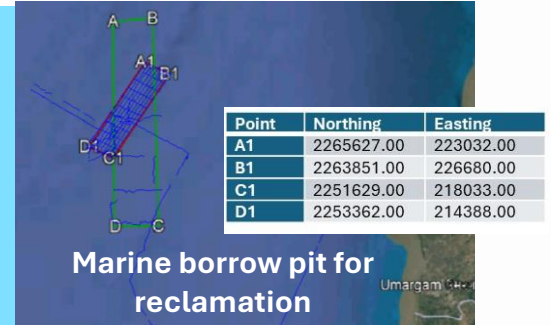
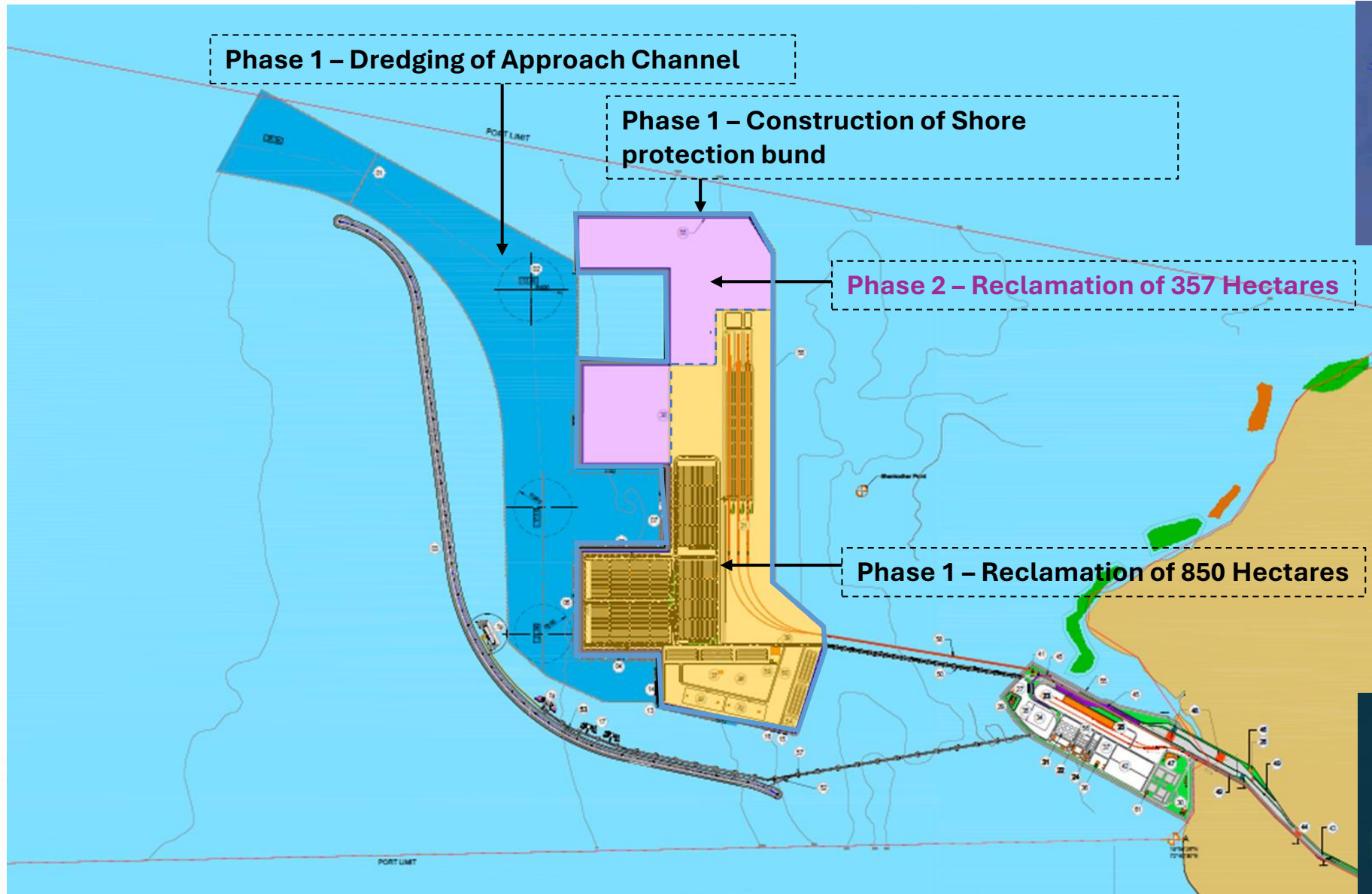
Stakeholder Consultation



04th July 2025

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Project Brief

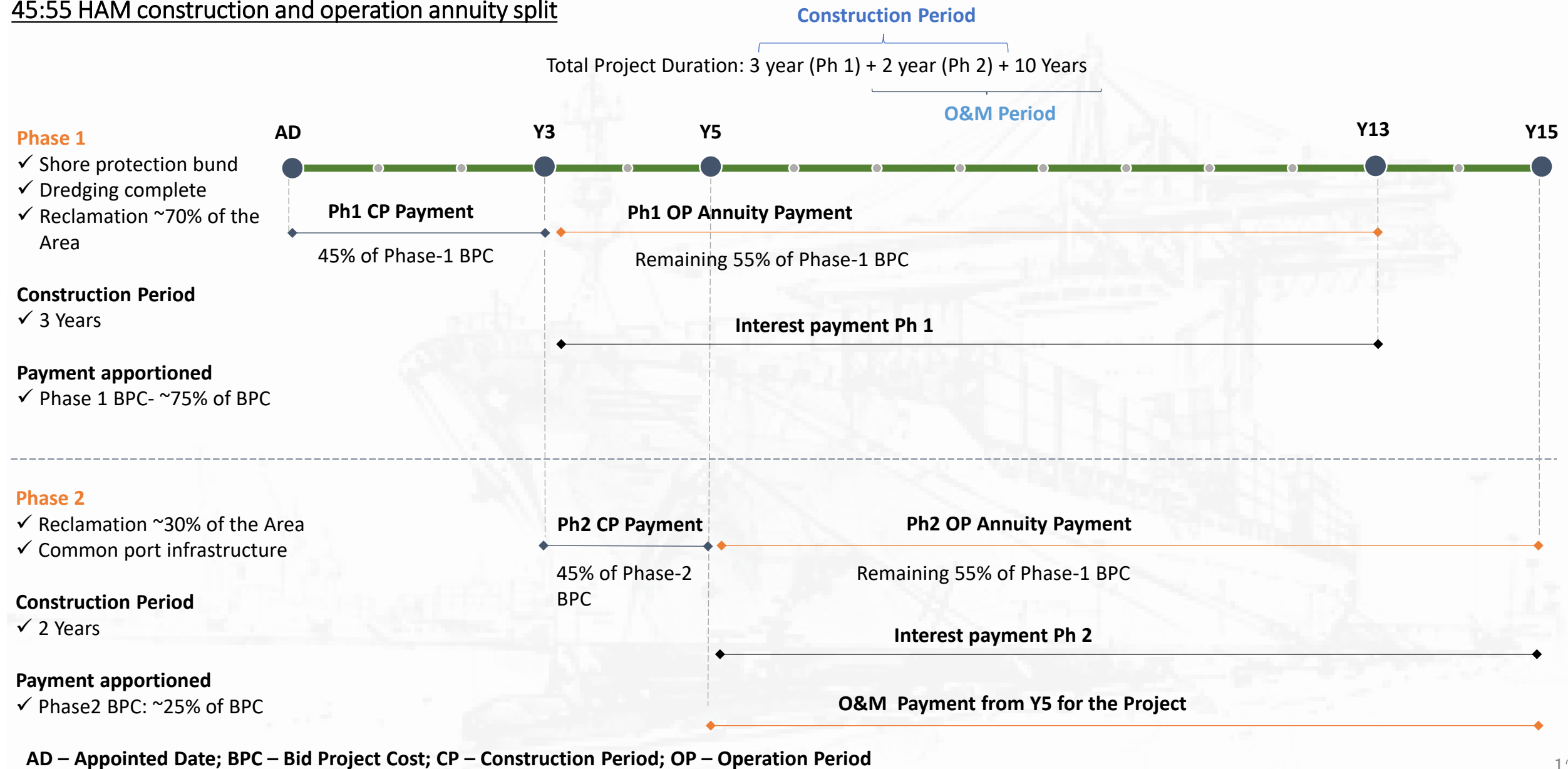


Sl. No.	Description	Detail
Phase - 1		
1	Dredging of Navigation Channel	<ul style="list-style-type: none"> The Access Channel shall be dredged to a minimum level of below 20 (twenty) metres from Chart Datum. The turning circle of minimum diameter of 800 (eight hundred) metres, internal dredged basin and inner approach channel shall be dredged to a minimum level of below 17.5 (seventeen point five) metres from Chart Datum. A berth pocket with a minimum level of below 19.5 (nineteen point five) metres from Chart Datum, extending 65 (sixty five) metre seaward of the berthing line is required. These depths shall be the minimum level after the placing of any bed scour protection.
2	Reclamation	<ul style="list-style-type: none"> Dredging of the marine borrow pit area for extraction of sand. Reclamation of offshore land parcel with sand fill in an area of 850 (Eight hundred and fifty) Hectare at the level of + 6.8 (positive six point eight) metres from Chart Datum excluding the protection wall and design slopes of the Shore protection bund. The finished reclamation level shall be a minimum of + 6.8 (positive six point eight) metres from Chart Datum.
3	Construction of Shore protection bund	Perimeter structures of the land parcel for 1207 Hectares reclaimed land
4	Common Port Infrastructure	Earthworks for Sub-base preparation (filling from +5.0 m CD to +6.8m CD)

Sl. No.	Description	Detail
Phase – 2		
1	Reclamation	<ul style="list-style-type: none"> Dredging of the marine borrow pit area for extraction of sand. Reclamation of offshore land parcel with sand fill in an area of 357 (Three hundred and fifty seven) Hectare at the level of +6.8 (positive six point eight) metres from Chart Datum excluding the protection wall and design slopes of the Shore protection bund. The finished reclamation level shall be a minimum of +6.8 (positive six point eight) metres from Chart Datum.
2	Common Port Infrastructure	<p><u>Development of Internal Road</u></p> <ul style="list-style-type: none"> Preparation of sub-base, sub grade over the reclaimed land including pavements at the finished level of +7.60mCD as indicated in drawings. <p><u>Utilities</u></p> <ul style="list-style-type: none"> Laying of drainages, concrete cable trenches excluding container terminal area, laying of streetlights and high masts along the main internal road within landlord area with cable connections with a provision to plug in to the port main supply excluding the power supply to container terminals, rail yard <p><u>Development of in-port Common Rail Yard</u></p> <ul style="list-style-type: none"> The development of in-port common rail yard shall include filling of granular fill, sub-base and subgrade in layers. The average finished level shall be a minimum of +6.8 (positive six point eight) metre from Chart Datum for a minimum area of 290 (two hundred ninety) Ha.

Project Phasing & Annuity Structure under Hybrid Annuity Model

45:55 HAM construction and operation annuity split



Statutory Approvals and Clearances

Clearances required to be obtained by the Contractor

Sl. No.	Construction Activity & Type of Clearance Required	Statutory Authority	Statute Under which Clearance is Required
1.	Consent for Establishment of Hot Mix Plant, WMM Plant, Stone Crushers and Batching Plant	❖ Maharashtra Pollution Control Board	✓ Air (Prevention and Control of Pollution) Act, 1981 ✓ Water (Prevention and Control of Pollution) Act, 1974 ✓ The Noise Pollution (Regulation and Control) Rules, 2000
2.	Consent for Operation of Hot Mix Plant, WMM Plant, Stone Crushers and Batching Plant		
3.	Permission for withdrawal of groundwater for construction	❖ Central Ground Water Authority ❖ State Ground Water Board	✓ Environment (Protection) Act, 1986 ✓ Ground Water Rules, 24 th Sep 2020 and it's amendment dated 29 th March 2023
4.	Permission for extraction of sand from river bed	❖ Department of Mines & Geology, Government of Maharashtra	✓ Mines and Minerals (Development and Regulation) Amendment Act, 2015
5.	Permission for extraction of sand from river bed	❖ District Level Environment Impact Assessment Authority (DEIAA)	✓ Environment (Protection) Act, 1986
6.	Opening of new quarry area	❖ Department of Mines & Geology, Government of Maharashtra ❖ Maharashtra Pollution Control Board	✓ Environment (Protection) Act, 1986 ✓ The Mines Act. 1952 ✓ Mines and Minerals (Development and Regulation) Amendment Act, 2015 ✓ The Explosive Rules, 2008 ✓ Air (Prevention and Control of Pollution) Act, 1981 ✓ Water (Prevention and Control of Pollution) Act, 1974
7.	Location and layout of workers camp, & equipment and storage yards	❖ Maharashtra Pollution Control Board	✓ Environment (Protection) Act, 1986; ✓ The Hazardous and Other Waste (Management and Transboundary Movement) Rules, 2016
8.	Discharges from labour camp	❖ Maharashtra Pollution Control Board	✓ Water (Prevention and Control of Pollution) Act, 1974
9.	Storage, handling and transport of hazardous materials	❖ Maharashtra Pollution Control Board	✓ Hazardous and Other Waste (Management and Trans-boundary Movement) Rules, 2016
10.	Construction waste management	❖ Maharashtra Pollution Control Board	✓ Construction and Demolition Waste Management Rules, 2024 (effective from 01 st April 2025) ✓ E-Waste (Management) Rules, 2022 ✓ and it's amendment thereafter ✓ Plastic Waste Management Rules, 2016 and it's amendment thereafter

RFP Salient Points

RFP Salient Points

Bid Format and Evaluation

- Online Single Stage (Two Bid) system consisting of “Qualification Proposal” in the Cover 1 and “Financial Proposal” in the Cover 2.
- Bids will be evaluated on the basis of the lowest Bid Project Cost. The Bid Project Cost shall constitute the sole criteria for evaluation of Bids.

Key points

- Bidders are required to deposit, along with their Bid, a Bid Security 1% of Project Cost. The Bidders will have an option to provide Bid Security in the form of Insurance Surety Bond, Account Payee Demand Draft, Fixed Deposit Receipt, Banker’s cheque or Bank Guarantee (including e-Bank Guarantee) acceptable to the Authority.
- The Bidder may be a single entity or a group of entities (the “Consortium”), coming together to implement the Project.

RFP Salient Points

- The Bidder shall have 'BBB' and above Credit Rating given by Credit Rating Agencies authorized by SEBI. If the bidder does not have 'BBB' and above Credit Rating, the Bidder shall be required to submit a comfort letter from its Bankers/Financial Institutions along with its Bid that they will provide Credit Facilities (Term Loan) to the bidder to meet the project cost excluding grant, if any, for domiciling the project.
- **Technical Capacity** – Bidder shall, over the past 10 (ten) financial years preceding the Bid Opening Date should have:
 - (i) paid for, or received payments for, construction of Eligible Project(s); and/ or
 - (ii) paid for development of Eligible Project(s) in Category 1 and/or Category 2; and/ or
 - (iii) collected and appropriated revenues from Eligible Project(s) in Category 1 and/or Category 2such that the sum total of the above, as further adjusted in accordance with clause 3.4.6, is more than 100% of Phase I Cost (the “Threshold Technical Capability”).

Provided that at least one fourth of the Threshold Technical Capability shall be from the Eligible Projects in Category 1 and/ or Category 3 specified in Clause 3.4.1.

- **Financial Capacity** - The Bidder shall have a minimum Net Worth (the “Financial Capacity”) of 15% of Phase I Cost at the close of the preceding financial year.

Category 1 to 4 description & weightage

Category 1: Project experience on Eligible Projects in Port sector that qualify under Clause 3.4.3

Category 2: Project experience on Eligible Projects in core sector that qualify under Clause 3.4.3

Category 3: Construction experience on Eligible Projects in Port sector that qualify under Clause 3.4.4

Category 4: Construction experience on Eligible Projects in core sector that qualify under Clause 3.4.4

Weightage Factor	
Category 1	1.45
Category 2	1.00
Category 3	1.00
Category 4	0.70

RFP Salient Points

- Port sector would be deemed to include ports, port terminals/berth, jetty and other analogous infrastructure, capital dredging works, maintenance dredging works, offshore reclamation works, breakwaters, material Inland Waterway terminals, approach trestles, marine bridges , any other offshore structures relating ports etc.); and
- Core sector would be deemed to include civil construction cost of highways, power sector, commercial setups (SEZs etc.), telecom, airports, railways, metro rail, industrial parks/ estates, logistic parks, pipelines, irrigation, water supply, stadium, hospitals, hotel, smart city, warehouses/ Silos, oil and gas, sewerage and real estate development\$. Core sector will also include the projects with the title of RIDF, PMGSY road, link road, city roads, rural road, sector/ municipality road, real estate projects which demonstrate road development/ construction of bridges or culverts.



Thank You!



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