

COCHIN PORT AUTHORITY						
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Budget Enquiry No: T10/ FICBay/2025-C						
Name of Work: Provision of access staircases to the FIC bays of North Jetty at Naval Base, Kochi						
Sl. No.	Description of items of work	Approximate Quantity/ No.	Unit	Rate (Rs. Ps.)	Amount (Rs. Ps.)	Remarks
1	Providing and laying in position design mix M-40 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including cost of materials labour, admixtures, shuttering, levelling, vibrating, providing toggle holes, curing sampling and testing, stacking of piles etc. for precast 450 mm square piles	36.00	m ³			
2	Providing steel reinforcement for R.C.C. work under Item No. 1 including straightening, cutting, bending, placing in position and binding, providing cover blocks, sampling and testing all complete with Thermo-Mechanically Treated bars of grade Fe-500D or more/ CRS for pre cast piles	7.00	T			
3	Taking out the precast RCC piles 450 mm square, 22m long & transporting precast pile already cast and stacked from the stacking yard / casting yard , transporting to the pitching location and pitching in position as per drawings etc.	8.00	Nos.			
4	Driving piles pitched under item No. 3 above from the pitched position to the founding level as per drawings etc. Payment will be made only for the actual depth of driving from the pitched level to the founding level.	128.00	m			
5	Providing and laying in position reinforced cement concrete of M40 grade for pile caps and capping beams excluding reinforcement but including cost of materials and labour, admixtures, shuttering, leveling, vibrating, providing toggle holes, curing	5.00	m ³			

	sampling and testing etc. complete as per drawing.					
6	Providing and laying in position reinforced cement concrete of M40 grade for deck slab, stairs, waist slab, columns and beams of superstructure excluding reinforcement but including cost of materials and labour, admixtures, shuttering, leveling, vibrating, providing toggle holes, curing sampling and testing etc. complete as per drawing.	13.50	m ³			
7	Providing steel reinforcement for R.C.C. work under Item No. 5 & 6 including straightening, cutting, bending, placing in position and binding, providing cover blocks, sampling and testing all complete with Thermo-Mechanically Treated bars of grade Fe-500D or more/ CRS for pre cast piles	2.70	T			
8	Providing and fixing hand rail and railings of Stainless steel 316 grade of approved size by welding, fittings, clams, brackets etc. to ladder railing/ balcony railing/ staircase railing and similar works, including and buffing, polishing etc.	1.20	T			
9	Fabricating and supplying 500mm dia tubular fender piles using MS pipes of 10mm shell thickness including cost of all materials, labour, cutting, rolling, welding, painting, etc complete for guard piles in water to the required length (approx. length 21m) as per detailed specifications and directions of Engineer-in-charge.	21	T			
10	Transporting the fabricated MS guard piles fabricated as per item No. 9 above from the fabrication yard to pile location, handling, pitching and driving the MS pipes to required level and verticality including setting for piling rigs/ gantry in position, temporary works for driving piles etc. complete all as per detailed specifications and directions of Engineer-in-charge.	8.00	Nos.			

11	Fabricating and supplying 300 mm dia tubular bracings using MS pipes of 10 mm shell thickness and welding the bracings between the guard piles at two levels including cost of all materials, labour, cutting, rolling, welding, painting etc complete in water to the required length (approx. length 2m) as per detailed specifications and directions of Engineer-in-charge.	2.00	T			
12	Providing and laying in situ concrete of M40 grade using graded course & fine aggregates, mixed with secondary reinforcement of "poly propylene fiber" make for wearing course of approximate average thickness of 75mm over deck slab and finishing the surface with floor hardener of approved quality @ 5kg/m ² monolithically to the base concrete to provide highly abrasion resistant surface, including casting in panels, providing slopes on surfaces as specified, vibrating, tamping, curing, etc complete as per drawing, detailed specifications and directions of Engineer-in-Charge.	1.00	m ³			
13	Chequered precast cement concrete tiles 22 mm thick in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand). Medium shade pigment using 50% white cement 50% Grey cement	62.00	m ²			

Name of the Firm:

Signature & Seal :