

COCHIN PORT AUTHORITY

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Tender No: T1/T-2069/2025-C date 03-11-2025

Name of Work : RE-ROOFING AND PAINTING OF MARINE BUILDING

SCHEDULE – “II”- SCHEDULE OF QUANTITIES OF WORK TO BE DONE ON CONTRACT

Name and Address of the Vendor:

Sl. No.	Sub- heads and items of work	Unit	Approximate Quantity	Departmental Rate/ unit Price (Rs)	Departmental Rate in Words	Departmental Amount in Rs.	Departmental Amount in Words
1	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground including cost of all labour, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge	One Square Metre	70.00	60.84	Rupees Sixty and Eighty Three Paise Only	4,258.58	Rupees Four Thousand Two Hundred Fifty Eight and Fifty Eight Paise Only
2	Dismantling GS Sheet roofing including ridges, hips, valleys, and gutters etc. complete including stacking of serviceable material and disposal of unserviceable materials within 50 metres lead including cost of all labour, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge	One Square Metre	1600.00	183.62	Rupees One Hundred Eighty Three and Sixty Two Paise Only	2,93,792.00	Rupees Two Lakh Ninety Three Thousand Seven Hundred Ninety Two Only
3	Plastering with cement mortar 1:4 (1 cement: 4 fine sand) 12 mm thick including including cost of all materials, labour, tools, equipments etc. complete s per detailed specifications and directions of the Engineer-in-charge.	One Square Metre	70.00	397.80	Rupees Three Hundred Ninety Seven and Eighty Paise Only	27,846.00	Rupees Twenty Seven Thousand Eight Hundred Forty Six Only
4	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 M2eters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge. With cement mortar 1:4 (1cement: 4 coarse sand) including cost of all materials, labour, equipments, tools, testing etc. complete as per detailed specifications and directions of the Engineer-in-charge.	One Square Metre	30.00	746.91	Rupees Seven Hundred Forty Six and Ninety One Paise Only	22,407.30	Rupees Twenty Two Thousand Four Hundred Seven and Thirty Paise Only
5	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand paping and preparing the surface smooth including necessary repairs to scratches etc. including cost of all labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-charge.	One Square Metre	1800.00	28.00	Rupees Twenty Eight Only	50,400.00	Rupees Fifty Thousand Four Hundred Only
6	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface :Water thinnable cement primer including cost of all materials, labour, tools, equipments etc. complete s per detailed specifications and directions of the Engineer-in-charge.	One Square Metre	100.00	82.32	Rupees Eighty Two and Thirty Two Paise Only	8232.00	Rupees Eight Thousand Two Hundred Thirty Two Only
7	Finishing walls with 100% Premium acrylic emulsion paint having VOC less than 50 gm/litre and UV resistance as per IS 15489:2004, Alkali & fungal resistance, dirt resistance exterior paint of required shade (Company Depot Tinted) with silicon additives, New work (Two or more coats applied @ 1.43 litre/10 sqm. Over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm including cost of all materials, labour, tools, equipments etc. complete s per detailed specifications and directions of the Engineer-in-charge.	One Square Metre	1800.00	201.77	Rupees Two Hundred One and Seventy Seven Paise Only	363186.00	Rupees Three Lakh Sixty Three Thousand One Hundred Eighty Six Only
8	Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour.Two coats including cost of all materials, labour, tools, equipments etc. complete s per detailed specifications and directions of the Engineer-in-charge.	One Square Metre	980.00	158.97	Rupees One Hundred Fifty Eight and Ninety Seven Paise Only	155790.60	Rupees One Lakh Fifty Five Thousand Seven Hundred Ninety and Sixty Paise Only
9	Applying priming coat: With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/ steel works including cost of all materials, labour, tools, equipments, scaffolding etc. complete s per detailed specifications and directions of the Engineer-in-charge.	One Square Metre	70.00	75.03	Rupees Seventy Five and Three Paise Only	5252.10	Rupees Five Thousand Two Hundred Fifty Two and Ten Paise Only
10	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :Two or more coats on old work including cost of all materials, labour, tools, equipments etc. complete s per detailed specifications and directions of the Engineer-in-charge.	One Square Metre	70.00	114.44	Rupees One Hundred Fourteen and Forty Four Paise Only	8,010.80	Rupees Eight Thousand Ten and Eighty Paise Only
11	Providing at all heights, levels and locations 0.91 mm thick Aluminium profile industrial troughed sheet of Alloy 31500/31000/40800 with profile detail width 1044/920 mm, cover width 1000/875 mm , conforming to IS 1254, IS 737, IS 2676. The sheet shall be fixed using SS J bolts or L hooks, 8mm dia with EPDM seal complete upto required pitch in horizontal, vertical or curved surfaces i/c cutting to size and shape wherever required as per specifications, detail drawings and direction of Engineer-in-Charge. The rate shall be inclusive of cost of maerials, all screws, seal, 600mm wide ridge, overlap as per the detailed specification, labour, scaffolding, tools, equipments & machinery for fixing and approved sealent required etc. complete but excluding the cost of purlins, rafters and trusses.	One Square Metre	1430.00	1628.51	Rupees One Thousand Six Hundred Twenty Eight and Fifty One Paise Only	23,28,769.30	Rupees Twenty Three Lakh Twenty Eight Thousand Seven Hundred Sixty Nine and Thirty Paise Only

12	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete : Gutter (600 mm over all girth) including cost of all materials, labour, tools, equipments etc. complete s per detailed specifications and directions of the Engineer-in-charge.	One Metre	60.00	1462.42	Rupees One Thousand Four Hundred Sixty Two and Forty Two Paise Only	87,745.20	Rupees Eighty Seven Thousand Seven Hundred Forty Five and Twenty Paise Only
13	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete including cost of all materials, labour, tools, equipments etc. complete s per detailed specifications and directions of the Engineer-in-charge.	One Kilogram	1400.00	148.84	Rupees One Hundred Forty Eight and Eighty Four Paise Only	2,08,376.00	Rupees Two Lakh Eight Thousand Three Hundred Seventy Six Only
14	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete on steel work including cost of all materials, labour, tools, equipments etc. complete s per detailed specifications and directions of the Engineer-in-charge.	One Square Metre	250.00	269.12	Rupees Two Hundred Sixty Nine and Twelve Paise Only	67,280.00	Rupees Sixty Seven Thousand Two Hundred Eighty Only
15	Providing & fixing UV stabilised fiberglass reinforced plastic sheet roofing up to any pitch, including fixing with polymer coated 'J' or 'L' hooks, bolts & nuts 8mm dia. G.I plain/bitumen washers complete but excluding the cost of purlins, rafters, trusses etc. The sheets shall be manufactured out of 2400 TEX panel rovigs incorporating minimum 0.3% ultra-violet stabiliser in resin system under approximately 2400 psi and hot cured. They shall be of uniform pigmentation and thickness without air pockets and shall conform to IS 10192 and IS 12866. The sheets shall be opaque or translucent, clear or pigmented, textured or smooth as specified. 2 mm thick flat as specified including cost of all labour, materials, tools, equipments, scaffolding etc. complete as per detailed specifications and directions of the Engineer-in-charge.	One Square Metre	80.00	1386.67	Rupees One Thousand Three Hundred Eighty Six and Sixty Seven Paise Only	1,10,933.60	Rupees One Lakh Ten Thousand Nine Hundred Thirty Three and Sixty Paise Only
16	Providing and fixing plain multipurpose cement board(Hight pressure steam cured) with suitable screws for cement particle board in ceiling etc. complete (frame work to be paid seperately). 6 mm thick Cement fiber board as per IS: 14862 including cost of all labour, materials, tools, equipments, scaffolding etc. complete as per directions of the Engineer-in-charge.	One Square Metre	150.00	1026.32	Rupees One Thousand Twenty Six and Thirty Two Paise Only	1,53,948.00	Rupees One Lakh Fifty Three Thousand Nine Hundred Forty Eight Only
17	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 Cement: 2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size) including cost of all materials, labour, tools, equipments etc. complete s per detailed specifications and directions of the Engineer-in-charge.	One Cubic Metre	3.00	8770.42	Rupees Eight Thousand Seven Hundred Seventy and Forty Two Paise Only	26,311.26	Rupees Twenty Six Thousand Three Hundred Eleven and Twenty Six Paise Only
18	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes. 110 mm diameter including cost of all materials, labour, tools, equipments etc. complete as per the directions of the Engineer-in-charge.	One Metre	260.00	414.58	Rupees Four Hundred Fourteen and Fifty Eight Paise Only	1,07,790.80	Rupees One Lakh Seven Thousand Seven Hundred Ninety and Eighty Paise Only
19	Providing 160mm dia. (Class 2) semi circular PVC Eaves gutter with MS brackets 50 x 6mm at about 1m c/c including cost of all materials, labour, tools, equipments, scaffolding etc. complete s per the directions of the Engineer-in-charge.	One Metre	30.00	782.90	Rupees Seven Hundred Eighty Two and Ninety Paise Only	23,487.00	Rupees Twenty Three Thousand Four Hundred Eighty Seven Only
20	Providing 300mm dia. (Class 2) semi circular PVC Eaves gutterwith MS brackets 50 x 6mm at about 1m c/c including cost of all materials, labour, tools, equipments, scaffolding etc. complete s per the directions of the Engineer-in-charge.	One Metre	190.00	911.10	Rupees Nine Hundred Eleven and Ten Paise Only	1,73,109.00	Rupees One Lakh Seventy Three Thousand One Hundred Nine Only
21	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved, including cost of all labour, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge	One Cubic Metre	20.00	293.83	Rupees Two Hundred Ninety Three and Eighty Three Paise Only	5,876.60	Rupees Five Thousand Eight Hundred Seventy Six and Sixty Paise Only
	Total					42,32,802.14	Rupees Forty Two Lakh Thirty Two Thousand Eight Hundred Two and Fourteen Paise Only

BIDDER'S QUOTING AREA						
Sl. No.	Description of Work		Percentage Quoted above/ below the Departmental Amount by the Bidder		Above/Below	
			* In Figures	*In Words		
	Percentage Quoted above / below the Departmental Amount shown in the above Schedule					
		42,32,802.14				
	* Note 1. The Tenderer shall quote either plus or minus sign (eg: +5 or -5) and in figures and words 2. Only two decimal digits shall be accepted 3. Tenderers shall also quote Above/ Below in words themselves in the last column. 4. In case of discrepancy in words and figures the quoted figure in word will prevail					
"This is an Electronic Submission. No need of Signature"						