

COCHIN PORT AUTHORITY

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Tender No: T6/T-2043/2025 -C Date: 17/01/2025 (PRICE BID)

Name of Wok:"Providing Scooter Shed, Mosquito Net for Doors & Windows and flooring with Vitrified tiles at Marine & Mooring section at Marine Building".

SCHEDULE- A- SCHEDULE OF QUANTITIES TO BE DONE ON CONTRACT

Please Enter the Contractor Name

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. All kinds of soil including cost of all labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-charge.	2.00	One Cubic Metre	247.14	Rupees Two Hundred Forty Seven and Fourteen Paise Only	494.28	Rupees Four Hundred Ninety Four and Twenty Eight Paise Only
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level using concret of grade 1:3:6 (1 Cement: 3 Coarse Sand (zone-III) : 6 graded stone aggregate 40 mm nominal size) including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-charge all complete.	0.50	One Cubic Metre	8325.82	Rupees Eight Thousand Three Hundred Twenty Five and Eighty Two Paise Only	4162.91	Rupees Four Thousand One Hundred Sixty Two and Ninety One Paise Only

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3	Providing and laying in position cement concrete of specified grade of Reinforced Cement Concrete excluding the cost of centering , shuttering finishing and reinforcement- All work up to plinth level using concret of grade 1:1.5:3 (1 Cement: 1.5 Coarse Sand (zone-III) : 3 graded stone aggregate 20 mm nominal size) including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-charge all complete.	1.00	One Cubic Metre	10489.41	Rupees Ten Thousand Four Hundred Eighty Nine and Forty One Paise Only	10489.41	Rupees Ten Thousand Four Hundred Eighty Nine and Forty One Paise Only
4	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level using Thermo-Mechanically Treated bars of grade Fe-500D or more including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications, and directions of Engineer-in-Charge.	150.00	Kg	113.48	Rupees One Hundred Thirteen and Forty Eight Paise Only	17022.00	Rupees Seventeen Thousand Twenty Two Only
5	Centering and shuttering including strutting, propping etc. and removal of form work for : Foundations, footings, bases for columns etc. including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	6.00	M2	387.12	Rupees Three Hundred Eighty Seven and Twelve Paise Only	2322.72	Rupees Two Thousand Three Hundred Twenty Two and Seventy Two Paise Only

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6	Providing, laying, spreading and compacting graded stone aggregate(size range 53 mm to 0.075 mm) to wet mix macadam (WMM) specification including premixing the material with water at OMC in mechanical mix plant for all leads & lifts, laying in uniform layers with mechanical paverfinisher in subbase / base course on well prepared surface and compacting with vibratory roller of 8 to 10 tonne capacity to achieve the desired density, including cost of all labour, materials, equipments, tools etc. complete as per detailed specifications and directions of Engineer-in-Charge.	6.00	One cubic metre	3589.77	Rupees Three Thousand Five Hundred Eighty Nine and Seventy Seven Paise Only	21538.62	Rupees Twenty One Thousand Five Hundred Thirty Eight and Sixty Two Paise Only
7	Providing and laying factory made 60mm thick Cement Concrete paver blocks of M30 grade, thickness & size/ shape, made by block making machine, to attain superior smooth finish using PU or equivalent moulds, laid in required colour & pattern over 50mm thick compacted bed of 6mm coarse aggregate, compacting and proper embedding / laying of inter locking paver blocks into the 6mm coarse aggregate bedding layer through vibratory compaction by using plate vibrator, filling the joints with crusher sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand in drive ways or traffic parking including cost of all labour, materials, equipments etc. complete as per manufacturer's specifications/ detailed specifications & direction of Engineer -in-Charge.	60.00	One Square Metre	1167.89	Rupees One Thousand One Hundred Sixty Seven and Eighty Nine Paise Only	70073.40	Rupees Seventy Thousand Seventy Three and Forty Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
8	Providing and fixing G.I frame work using Pipes, tubes of approved size by welding etc. including applying priming coat of approved steel primer, cost of all labour, mterials, tools,equipments etc. complete as directed by the Engineer-in-charge.	500.00	Kg	214.73	Rupees Two Hundred Fourteen and Seventy Three Paise Only	107365.00	Rupees One Lakh Seven Thousand Three Hundred Sixty Five Only
9	Finishing with Epoxy paint (two or more coat)at all locations prepared and applied as per Manufacturers specifications including appropriate priming coat, preparation of surface etc. complete on Steel work inincluding cost of all labour, material, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	22.00	M2	257.88	Rupees Two Hundred Fifty Seven and Eighty Eight Paise Only	5673.36	Rupees Five Thousand Six Hundred Seventy Three and Thirty Six Paise Only
10	Providing roofing with troughed prepainted galvalume sheets, 0.50mm thick over purlins already fixed in position using respert grey /xylam coated anticorrosive fasteners like self drilling screws with EPDM/ Neopreme washers including cost of all materials and labour, scaffolding all lifts etc. as per the directions of Engineer-in-Charge	40.00	One Square Metre	798.10	Rupees Seven Hundred Ninety Eight and Ten Paise Only	31924.00	Rupees Thirty One Thousand Nine Hundred Twenty Four Only
11	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 the Engineer-in-charge, beyong 50m initial lead, for all leads including all lifts involved, including cost of all labour, equipments, tools, vehicles etc. complete as per the directions of the Engineer-in-charge.	12.00	One Cubic Metre	188.70	Rupees One Hundred Eighty Eight and Seventy Paise Only	2264.40	Rupees Two Thousand Two Hundred Sixty Four and Forty Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
12	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : For fixed portion- Anodised aluminium (Anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	10.00	One Kilogram	576.17	Rupees Five Hundred Seventy Six and Seventeen Paise Only	5761.70	Rupees Five Thousand Seven Hundred Sixty One and Seventy Paise Only
13	Providing and fixing mosquito shuttering to windows, ventilators/ opening/ grills using powder coated aluminium section no.9948 of shell thickness of 1.5mm , SS net grade 316, including all labour and materials, SS handles 3"/2", SS hinges 3"/2", Magnet,tower bolt, spring, bush and beedings etc. complete as per the directions of the Engineer in charge.	20.00	One Square Metre	1680.00	Rupees One Thousand Six Hundred Eighty Only	33600.00	Rupees Thirty Three Thousand Six Hundred Only

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14	Providing and fixing mosquito shuttering to doors using powder coated aluminium section no.9948 of shell thickness 1.5 mm, SS net grade 316, including all labour and materials,SS handles 3"/2", SS hinges 3"/2", Magnet,tower bolt, spring, bush and beedings etc. complete as per the directions of the Engineer in charge.	10.00	One Square Metre	2100.00	Rupees Two Thousand One Hundred Only	21000.00	Rupees Twenty One Thousand Only
15	Felling trees of the girth beyond 60 cm upto and including 120 cm (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material including cost of all labour, tools, equipments etc. complete as per the direction of the Engineer-in-charge.	1.00	No.	2302.76	Rupees Two Thousand Three Hundred Two and Seventy Six Paise Only	2302.76	Rupees Two Thousand Three Hundred Two and Seventy Six Paise Only
16	Felling trees of the girth beyond 120 cm upto and including 240 cm (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material including cost of all labour, tools, equipments etc. complete as per the direction of the Engineer-in-charge.	1.00	No.	10682.80	Rupees Ten Thousand Six Hundred Eighty Two and Eighty Paise Only	10682.80	Rupees Ten Thousand Six Hundred Eighty Two and Eighty Paise Only
17	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead including cost of all labour, tools, equipment etc. complete as per detailed specifications and as directed by the Engineer-in-charge	340.00	One Square Metre	53.00	Rupees Fifty Three Only	18020.00	Rupees Eighteen Thousand Twenty Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
18	Providing and laying vitrified Floor/ wall tiles (Material cost not less than Rs. 2155/M2) of size 100cm x 100cm or suitable nearest size available in the market and of minimum thickness 9mm or suitable nearest size available in the market (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including filling the joints with epoxy of matching colour etc., complete as per the directions of Engineer-in-Charge	340.00	One Square Metre	3396.58	Rupees Three Thousand Three Hundred Ninety Six and Fifty Eight Paise Only	1154837.20	Rupees Eleven Lakh Fifty Four Thousand Eight Hundred Thirty Seven and Twenty Paise Only
19	Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting and finishing including cost of all labour, materials, tools ect. complete as per detailed specification and direction of Engineer-in-charge. Size of Tile not less than 1000x1000 mm	340.00	One Square metre	186.66	Rupees One Hundred Eighty Six and Sixty Six Paise Only	63464.40	Rupees Sixty Three Thousand Four Hundred Sixty Four and Forty Paise Only
	Total					1582998.96	Rupees Fifteen Lakh Eighty Two Thousand Nine Hundred Ninety Eight and Ninety Six Paise Only

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BIDDERS QUOTING AREA							
				Departmental Estimated amount	Percentage quoted above/ below the Departmental Amount		Above/ Below
Percentage quoted above/ below the departmental amount shown in the above schedule					In Figures	In Words	
	Notes : 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			1582998.96			
" This is an Electronic Submission. No Need of Signature"							