

COCHIN PORT AUTHORITY							
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Tender No: T1/T-2072/2025-C							
Name of Work : PROVIDING LANDSCAPING AND MAINTENANCE OF LANDSCAPED AREA FOR TWO YEARS, YOGA PLATFORM & REPAIR WORKS TO THE STRUCTURES IN PRIYADARSHINI PARK, NORTH END WILLINGDON ISLAND							
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
PART.A.YOGA PLATFORM							
1	Earth work in surface excavation exceeding 30 cm in depth but exceeding 1.5 m in width including disposal of excavated earth upto 50 m and lift upto 1.5 m, disposed soil to be levelled and neatly dressed : All kinds of soil as directed by the Engineer-in-charge	m3	4.50	197.59	Rupees One Hundred Ninety Seven and Fifty Nine Paise Only	889.16	Rupees Eight Hundred Eighty Nine and Fifteen 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, 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	m3	2.22	8120.53	Rupees Eight Thousand One Hundred Twenty and Fifty Three Paise Only	18027.58	Rupees Eighteen Thousand Twenty Seven and Fifty Seven Paise Only
3	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and basement in : (a) Cement mortar 1:4 (1 cement : 4 coarse sand).	m3	3.39	8205.08	Rupees Eight Thousand Two Hundred Five and Eight Paise Only	27815.22	Rupees Twenty Seven Thousand Eight Hundred Fifteen and Twenty Two Paise Only
4	Plastering with cement mortar 1:4 (1 cement: 4 fine sand) 12 mm thick including finishing, curing etc. complete.	m2	14.76	386.34	Rupees Three Hundred Eighty Six and Thirty Four Paise Only	5702.38	Rupees Five Thousand Seven Hundred Two and Thirty Seven Paise Only
5	Providing & filling with quarry dust inside basement including consolidation as directed by the Engineer-in- Charge.	m3	18.75	1975.80	Rupees One Thousand Nine Hundred Seventy Five and Eighty Paise Only	37046.25	Rupees Thirty Seven Thousand Forty Six and Twenty Five Paise Only
6	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 : 4 graded stone aggregate 20 mm nominal size)	m3	3.75	8770.42	Rupees Eight Thousand Seven Hundred Seventy and Forty Two Paise Only	32889.08	Rupees Thirty Two Thousand Eight Hundred Eighty Nine and Seven Paise Only
7	Kota stone slab 25mm thick flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) :	m2	40.00	2168.81	Rupees Two Thousand One Hundred Sixty Eight and Eighty One Paise Only	86752.40	Rupees Eighty Six Thousand Seven Hundred Fifty Two and Forty Paise Only
8	Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm) .	m2	11.07	248.91	Rupees Two Hundred Forty Eight and Ninety One Paise Only	2755.43	Rupees Two Thousand Seven Hundred Fifty Five and Forty Three Paise Only
TOTAL PART-A						211877.49	
PART.B.CLEARING THE VEGETATION							
9	Felling trees of the girth (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 as instructed by Engineer-in-charge. b) Beyond 60 cm girth upto and including 120 cm girth	Each	1.00	2642.20	Rupees Two Thousand Six Hundred Forty Two and Twenty Paise Only	2642.20	Rupees Two Thousand Six Hundred Forty Two and Twenty Paise Only
10	Cutting & removing branches of trees of girth below 1.20m without causing damages to the building and disposing the wooden wastes within a lead of 6km as per the directions of the Engineer-in-Charge, including hire of necessary machineries, labour and transportation charges etc complete and the usable materials has to be stacked at the area as directed by Engineer-in-charge.	Each	10.00	432.35	Rupees Four Hundred Thirty Two and Thirty Five Paise Only	4323.50	Rupees Four Thousand Three Hundred Twenty Three and Fifty Paise Only
TOTAL PART-B						6965.70	
PART.C.REPAIR WORK TO BOAT SHED							
11	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete as directed by the Engineer-in-charge	m2	229.00	27.99	Rupees Twenty Seven and Ninety Nine Paise Only	6409.71	Rupees Six Thousand Four Hundred Nine and Seventy One Paise Only
12	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : One or more coats on old work	m2	225.00	114.43	Rupees One Hundred Fourteen and Forty Three Paise Only	25746.75	Rupees Twenty Five Thousand Seven Hundred Forty Six and Seventy Five Paise Only
13	Finishing walls with Acrylic Smooth exterior paint of required shade :Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface	m2	4.00	134.42	Rupees One Hundred Thirty Four and Forty Two Paise Only	537.68	Rupees Five Hundred Thirty Seven and Sixty Eight Paise Only
14	Providing 200mm dia (class 2) Semicircular PVC eaves gutter with M.S. brackets 50x6mm about 1m c/c as directed by the Engineer-in-charge.	m	5.00	884.00	Rupees Eight Hundred Eighty Four Only	4420.00	Rupees Four Thousand Four Hundred Twenty Only
15	Dismantling wood work damaged/decayed wooden planks including stacking the material as directed by the Engineer-in-charge, within 50 metres lead.	m3	0.05	4963.91	Rupees Four Thousand Nine Hundred Sixty Three and Ninety One Paise Only	248.20	Rupees Two Hundred Forty Eight and Nineteen Paise Only
16	Providing Ayini wood work in wooden planks, wrought framed and fixed in position with screws fasteners of required dia & length.	m3	0.05	143143.88	Rupees One Lakh Forty Three Thousand One Hundred Forty Three and	7157.19	Rupees Seven Thousand One Hundred Fifty Seven and Nineteen Paise Only

17	Painting with oil type wood preservative of approved brand and manufacture two or more coats	m2	3.00	60.55	Rupees Sixty and Fifty Five Paise Only	181.65	Rupees One Hundred Eighty One and Sixty Five Paise Only
18	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work	m2	3.00	173.55	Rupees One Hundred Seventy Three and Fifty Five Paise Only	520.65	Rupees Five Hundred Twenty and Sixty Five Paise Only
19	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : One or more coats on old work	m2	75.00	114.43	Rupees One Hundred Fourteen and Forty Three Paise Only	8582.25	Rupees Eight Thousand Five Hundred Eighty Two and Twenty Five Paise Only
20	Polishing on teak wood including a coat of wood filler as per the directions of engineer-in-charge	m2	25.00	496.77	Rupees Four Hundred Ninety Six and Seventy Seven Paise Only	12419.25	Rupees Twelve Thousand Four Hundred Nineteen and Twenty Five Paise Only
21	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead as instructed by Engineer-in-charge:	m2	9.00	183.62	Rupees One Hundred Eighty Three and Sixty Two Paise Only	1652.58	Rupees One Thousand Six Hundred Fifty Two and Fifty Eight Paise Only
22	Providing & fixing UV stabilised fiberglass reinforced plastic sheet roofing 2 mm thick corrugated 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.	m2	9.00	1559.99	Rupees One Thousand Five Hundred Fifty Nine and Ninety Nine Paise Only	14039.91	Rupees Fourteen Thousand Thirty Nine and Ninety One Paise Only
TOTAL PART-C						81915.82	
PART.D.REPAIR TO MASONRY STRUCTURES							
23	Dismantling steel work manually/ by mechanical means in built up sections without dismembering and stacking within 50 metres lead as per direction of Engineer-in-charge.	Kg	600.00	4.28	Rupees Four and Twenty Eight Paise Only	2568.00	Rupees Two Thousand Five Hundred Sixty Eight Only
24	Demolishing stone rubble masonry in cement mortar manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge :	m3	1.80	2737.32	Rupees Two Thousand Seven Hundred Thirty Seven and Thirty Two Paise Only	4927.18	Rupees Four Thousand Nine Hundred Twenty Seven and Seventeen Paise Only
25	Coursed rubble masonry with hard stone (first or second sort) in foundation and plinth.	m3	0.40	9809.66	Rupees Nine Thousand Eight Hundred Nine and Sixty Six Paise Only	3923.86	Rupees Three Thousand Nine Hundred Twenty Three and Eighty Six Paise Only
26	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 : 4 graded stone aggregate 20 mm nominal size) .	m3	1.40	8770.42	Rupees Eight Thousand Seven Hundred Seventy and Forty Two Paise Only	12278.59	Rupees Twelve Thousand Two Hundred Seventy Eight and Fifty Eight Paise Only
27	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and basement in : (a) Cement mortar 1:4 (1 cement : 4 coarse sand).	m3	0.51	8205.08	Rupees Eight Thousand Two Hundred Five and Eight Paise Only	4184.59	Rupees Four Thousand One Hundred Eighty Four and Fifty Nine Paise Only
28	Plastering with cement mortar 1:4 (1 cement: 4 fine sand) 12 mm thick including finishing, curing etc. complete.	m2	5.10	386.33	Rupees Three Hundred Eighty Six and Thirty Three Paise Only	1970.28	Rupees One Thousand Nine Hundred Seventy and Twenty Eight Paise Only
29	Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)	m2	5.10	178.78	Rupees One Hundred Seventy Eight and Seventy Eight Paise Only	911.78	Rupees Nine Hundred Eleven and Seventy Seven Paise Only
30	Structural steel work in single section, fixed with or without connecting plate,including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	Kg	57.00	130.64	Rupees One Hundred Thirty and Sixty Four Paise Only	7446.48	Rupees Seven Thousand Four Hundred Forty Six and Forty Eight Paise Only
31	Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 coarse sand), including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm), including making drainage opening wherever required complete etc.Foot path-kerb stone	M3	0.40	11263.01	Rupees Eleven Thousand Two Hundred Sixty Three and One Paise Only	4505.20	Rupees Four Thousand Five Hundred Five and Twenty Paise Only
32	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work .	m2	6.00	173.55	Rupees One Hundred Seventy Three and Fifty Five Paise Only	1041.30	Rupees One Thousand Forty One and Thirty Paise Only
33	Providing Eurocone tile flooring over the existing concrete floor including leveling with 20 mm thick cement mortar 1:4 after cleaning and preparation of the existing surface etc complete as per the direction of Engineer in charge.	m2	12.00	857.14	Rupees Eight Hundred Fifty Seven and Fourteen Paise Only	10285.68	Rupees Ten Thousand Two Hundred Eighty Five and Sixty Eight Paise Only
34	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete as directed by the Engineer-in-charge	m2	282.00	27.99	Rupees Twenty Seven and Ninety Nine Paise Only	7893.18	Rupees Seven Thousand Eight Hundred Ninety Three and Eighteen Paise Only
35	Finishing walls with Acrylic Smooth exterior paint of required shade :Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface	m2	232.00	134.42	Rupees One Hundred Thirty Four and Forty Two Paise Only	31185.44	Rupees Thirty One Thousand One Hundred Eighty Five and Forty Four Paise Only
36	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : One or more coats on old work	m2	50.00	114.44	Rupees One Hundred Fourteen and Forty Four Paise Only	5722.00	Rupees Five Thousand Seven Hundred Twenty Two Only
37	Painting road kerbs and Traffic Islands 2 coats using synthetic enamel paint white, black and yellow in colour after cleaning the surface with wire brush as per directions of the Engineer-in-Charge	m2	243.00	166.80	Rupees One Hundred Sixty Six and Eighty Paise Only	40532.40	Rupees Forty Thousand Five Hundred Thirty Two and Forty Paise Only
38	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes 110mm dia 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.	m	9.00	414.58	Rupees Four Hundred Fourteen and Fifty Eight Paise	3731.22	Rupees Three Thousand Seven Hundred Thirty One and Twenty Two Paise Only

39	Mirror polishing on Mosaic /marble work/ Granite work/ stone work where ever required to give high gloss finish complete.	m2	53.00	500.13	Rupees Five Hundred and Thirteen Paise Only	26506.89	Rupees Twenty Six Thousand Five Hundred Six and Eighty Nine Paise Only
40	Demolishing R.C.C. work of water tank manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	m3	0.80	3953.29	Rupees Three Thousand Nine Hundred Fifty Three and Twenty Nine Paise Only	3162.63	Rupees Three Thousand One Hundred Sixty Two and Sixty Three Paise Only
TOTAL PART-D						172776.71	
PART.E.LANDSCAPING & MAINTANENCE WORKS							
Landscaping Work							
41	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish as to the satisfaction of Engineer-in-Charge , lead up to 50 m and lift up to 1.5 m	m2	4250.00	38.02	Rupees Thirty Eight and Two Paise Only	161585.00	Rupees One Lakh Sixty One Thousand Five Hundred Eighty Five Only
42	Supplying and stacking good quality red earth at area directed by Engineer-in-Charge.	m3	425.00	1500.00	Rupees One Thousand Five Hundred Only	637500.00	Rupees Six Lakh Thirty Seven Thousand Five Hundred Only
43.1	Supplying and stacking the following materials at site as per detailed specifications and directions of the Engineer-in-Charge.(Manure/ Sludge measured in stacks will be reduced by 8% for loosening for payment) a)Cocopeat Blocks of 4 Kg. for moisture retention[For 1Sq.ft =0.008 nos.]	nos	370.00	162.61	Rupees One Hundred Sixty Two and Sixty One Paise Only	60165.70	Rupees Sixty Thousand One Hundred Sixty Five and Seventy Paise Only
43.2	Supplying and stacking the following materials at site as per detailed specifications and directions of the Engineer-in-Charge.(Manure/ Sludge measured in stacks will be reduced by 8% for loosening for payment) b)Regent (Insecticide) for pest control applications [For 1Sq.ft =0.001 Kg.]	kg	50.00	406.53	Rupees Four Hundred Six and Fifty Three Paise Only	20326.50	Rupees Twenty Thousand Three Hundred Twenty Six and Fifty Paise Only
43.3	Supplying and stacking the following materials at site as per detailed specifications and directions of the Engineer-in-Charge.(Manure/ Sludge measured in stacks will be reduced by 8% for loosening for payment) c)Compost for enhancing soil fertility [For 1Sq.ft =0.03 Kg.]	kg	1380.00	15.10	Rupees Fifteen and Ten Paise Only	20838.00	Rupees Twenty Thousand Eight Hundred Thirty Eight Only
44	Supplying Mexican grass carpet free from diseases, fungus and weeds including transportation cost as per drawings, detailed specifications and directions of the Engineer-in-Charge.	m2	51.00	250.05	Rupees Two Hundred Fifty and Five Paise Only	12752.55	Rupees Twelve Thousand Seven Hundred Fifty Two and Fifty Five Paise Only
45	Supplying Pearl grass carpet free from diseases, fungus and weeds including transportation cost as per drawings, detailed specifications and directions of the Engineer-in-Charge.	m2	4160.00	250.05	Rupees Two Hundred Fifty and Five Paise Only	1040208.00	Rupees Ten Lakh Forty Thousand Two Hundred Eight Only
46	Preparing mixture of red earth, cocopeat and manure and transporting, placing and spreading the mixture at the site at an average height of 10cm , as per directions of the Engineer-in-Charge (Excluding cost of material)	m3	425.00	250.05	Rupees Two Hundred Fifty and Five Paise Only	106271.25	Rupees One Lakh Six Thousand Two Hundred Seventy One and Twenty Five Paise Only
47	Planting / fixing Mexican grass carpet free from diseases, fungus and weeds as per drawings, detailed specifications and directions of the Engineer-in-Charge.	m2	51.00	60.00	Rupees Sixty Only	3060.00	Rupees Three Thousand Sixty Only
48	Planting / fixing Pearl grass carpet free from diseases, fungus and weeds as per drawings, detailed specifications and directions of the Engineer-in-Charge.	m2	4160.00	49.00	Rupees Forty Nine Only	203840.00	Rupees Two Lakh Three Thousand Eight Hundred Forty Only
49	Planting plants as per the directions of the Engineer-in-Charge.	Each	50.00	300.00	Rupees Three Hundred Only	15000.00	Rupees Fifteen Thousand Only
Maintenance of Landscaped area for 2 years							
50	Cleaning & maintaining the whole works and facilities of the landscaped areas excluding mowing/ grass cutting the lawn area including disposing of the rubbish within a lead of 6kms including (a) Proper up keep of lawn by deweeding, manuring etc. (b) Proper up keep of plants by pruning, nursing, manuring etc. (c) Repotting and planting of plants (d) Watering daily except rainy days (e) Any other work connected with the maintenance of landscaped areas etc. (f) Supply of tools/ materials/labour etc. All the above shall be completed as per detailed specifications and directions of Engineer-in-Charge	One Day	600.00	775.00	Rupees Seven Hundred Seventy Five Only	465000.00	Rupees Four Lakh Sixty Five Thousand Only
51	Maintaining the landscaped areas/ lawn area/ other areas by mowing/ cutting and removing grass and overgrowth of vegetation and disposing of the rubbish within a lead of 6kms including (a) Proper up keep of lawn and other areas by mowing/ cutting and removing grass and overgrowth of vegetation. (b) Any other work connected with the maintenance of landscaped areas etc. (c) Supply of brush cutter/ Mower/labour etc. All the above shall be completed as per detailed specifications and directions of Engineer-in-Charge. This shall be done twice a month. Works shall be carried out as and when required as directed by the Engineer-in-charge	One Day	48.00	1691.00	Rupees One Thousand Six Hundred Ninety One Only	81168.00	Rupees Eighty One Thousand One Hundred Sixty Eight Only
TOTAL PART-E						2827715.00	
PART.F.OUTDOOR PLAY EQUIPMENT AT PARK							
52	i) Merry go round conforming to IS 9873.	Nos	2.00	48800.00	Rupees Forty Eight Thousand Eight Hundred Only	97600.00	Rupees Ninety Seven Thousand Six Hundred Only
53	ii) Seesaw conforming to IS 9873.	nos	1.00	11600.00	Rupees Eleven Thousand Six Hundred Only	11600.00	Rupees Eleven Thousand Six Hundred Only
TOTAL PART-F						109200.00	
PART.G.PROVIDING NAME BOARDS							
54	Providing name boards at locations instructed by Engineer-in-charge .	Nos	3.00	7996.58	Rupees Seven Thousand Nine Hundred Ninety Six and Fifty Eight Paise Only	23989.74	Rupees Twenty Three Thousand Nine Hundred Eighty Nine and Seventy Four Paise Only
TOTAL PART-G						23989.74	

	GRAND TOTAL FOR PART-A+PART-B+PART -C+PART-D+PART-E+PART-F+PART-G					34,34,440.46	Rupees Thirty Four Lakh Thirty Four Thousand Four Hundred Forty and Forty Five Paise Only
BIDDER'S QUOTING AREA							
Sl. No.	Description of Work:-PROVIDING LANDSCAPING AND MAINTENANCE OF LANDSCAPED AREA FOR TWO YEARS, YOGA PLATFORM & REPAIR WORKS TO THE STRUCTURES IN PRIYADARSHINI PARK, NORTH END WILLINGDON ISLAND	Departmental Estimated Cost (Rs)	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	₹ 34,34,440.46					
* Note							
1. The Bidder shall quote both in figures and words							
2. The Bidders shall also quote Above / Below in words themselves in the last column							
3. Only two decimal digits will be accepted.							