

COCHIN PORT AUTHORITY

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Tender No: T6/T-1995/2023 -C Date: 29/06/2023 (PRICE BID)

Name of Wok:"RENOVATION AND RAISING THE FLOOR OF TOILET BLOCK & PROVIDING RECTIFIED CERAMIC TILES AT COURT YARD OF 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
A	Part-A- Renovation of Toilet Block						
1	Taking out doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead for area 3 sq. metres and below including cost of all labour, tools, equipments etc. complete as per the directions of the Engineer-in-charge.	5.00	Each	144.81	Rupees One Hundred Forty Four and Eighty One Paise Only	724.05	Rupees Seven Hundred Twenty Four and Five 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
2	Dismantling the existing damaged tile work in floors laid in cement mortar including the mortar and stacking the dismantled material within 50 metres lead including cost of all labour, tools, equipments etc. complete as per detailed specification and direction of Engineer-in-charge. .	50.00	One Square Metre	83.10	Rupees Eighty Three and Ten Paise Only	4155.00	Rupees Four Thousand One Hundred Fifty Five Only
3	Providing and laying in position Cement Concrete specified grade including cost of all labour, materials, tools, equipments etc but excluding the cost of centering, shuttering, finishing- All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) as per detailed specifications, and directions of Engineer-in-Charge.	8.00	One Cubic Metre	9225.98	Rupees Nine Thousand Two Hundred Twenty Five and Ninety Eight Paise Only	73807.84	Rupees Seventy Three Thousand Eight Hundred Seven and Eighty Four 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
4	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement: 4 Coarse sand), including grouting the joints with white cement and matching pigments etc., complete as per detailed specifications and directions of Engineer-in-Charge.	50.00	One Square Metre	1591.03	Rupees One Thousand Five Hundred Ninety One and Three Paise Only	79551.50	Rupees Seventy Nine Thousand Five Hundred Fifty One and Fifty 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
5	<p>Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over fixing glazed/ ceramic/ vitrified floor tiles with Cement based high Polymer modified quick set tile adhesive (Water Based) conforming to IS 15477, in average 3mm thickness and pointing in white cement mixed with pigment of matching shade including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.</p>	85.00	m ²	1277.43	<p>Rupees One Thousand Two Hundred Seventy Seven and Forty Three Paise Only</p>	108581.55	<p>Rupees One Lakh Eight Thousand Five Hundred Eighty One and Fifty Five Paise Only</p>

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
6	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require : a White Vitreous China Angle back wash basin size 400x 400 mm with single 15 mm C.P. brass pillar tap including fixing to frames cost of all labour, materials, tools equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	3.00	Each	3739.13	Rupees Three Thousand Seven Hundred Thirty Nine and Thirteen Paise Only	11217.39	Rupees Eleven Thousand Two Hundred Seventeen and Thirty Nine 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
7	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required :W.C. pan with ISI marked black solid plastic seat and lid including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of the Engineer In Charge.	4.00	Each	6986.21	Rupees Six Thousand Nine Hundred Eighty Six and Twenty One Paise Only	27944.84	Rupees Twenty Seven Thousand Nine Hundred Forty Four and Eighty Four 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 white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350mm and 340x410x265mm size srespectivly with automatic flushing cistern with standard flush pipe and C.P.brass spreader swith brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wher ever required: One urinal basin with 5 litre white P.V.C. automatic flushing cistern including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	4.00	Each	6771.08	Rupees Six Thousand Seven Hundred Seventy One and Eight Paise Only	27084.32	Rupees Twenty Seven Thousand Eighty Four and Thirty Two Paise Only
9	Supplying good quality Health Faucets of Parryware T9940A1 Slimline with SS Hose & Hook or approved equivalent make including including cost of all labour, materials, tools, equipments, all required fitting etc. complete as per detailed specifications and directions of the Engineer-in-charge.	5.00	Each	676.50	Rupees Six Hundred Seventy Six and Fifty Paise Only	3382.50	Rupees Three Thousand Three Hundred Eighty Two and Fifty 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
10	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq. meters 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 within 50 metres lead with cement mortar 1:4 (1cement : 4 fine sand) including cost of all labour, materials, scaffolding, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge	10.00	One Square Metre	567.81	Rupees Five Hundred Sixty Seven and Eighty One Paise Only	5678.10	Rupees Five Thousand Six Hundred Seventy Eight and Ten Paise Only
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, all labour, scaffolding, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge	320.00	One Square Metre	24.80	Rupees Twenty Four and Eighty Paise Only	7936.00	Rupees Seven Thousand Nine Hundred Thirty Six 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	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface : Water thinnable cement primer including cost of all labour, materials, tools, scaffolding etc.complete as per detailed specifications and directions of Engineer-in-Charge.	320.00	One Square Metre	81.54	Rupees Eighty One and Fifty Four Paise Only	26092.80	Rupees Twenty Six Thousand Ninety Two and Eighty Paise Only
13	Wall painting with premium acrylic emulsion paint, 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 labour, materials, tools, scaffolding etc. complete as per detailed specifications and directions of Engineer-In-Charge.	320.00	One Square Metre	145.15	Rupees One Hundred Forty Five and Fifteen Paise Only	46448.00	Rupees Forty Six Thousand Four Hundred Forty Eight 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
14	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : One or more coats on old work including cost of all labour, materials, scaffolding, tools, etc. complete as per detailed specifications and directions of Engineer-in-Charge.	20.00	One Square Metre	108.66	Rupees One Hundred Eight and Sixty Six Paise Only	2173.20	Rupees Two Thousand One Hundred Seventy Three and Twenty Paise Only
15	Providing and fixing Fiber Glass Reinforced plastic (FRP) Door Frames of crosssection 90 mm x 45 mm having single rebate of 32 mm x 15 mm to receive shutter of 30 mm thickness .The laminate shall be moulded with fire resistant grade unsaturated polyester resin and chopped mat . Door frame laminate shall be 2 mm thick and shall be filled with suitable wooden block in all the three legs. The frame shall be covered with fiber glass from all sides. M.S. stay shall be provided at the bottom to steady the frame including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	25.00	One metre	923.94	Rupees Nine Hundred Twenty Three and Ninety Four Paise Only	23098.50	Rupees Twenty Three Thousand Ninety Eight and Fifty 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
16	Providing and fixing to existing door frames, 30 mm thick Glass Fibre Reinforced Plastic (FRP) panelled door shutter of required colour and approved brand and manufacture, made with fire - retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate for forming hollow rails and styles, with moulded to 3 mm thick FRP laminate for forming hollow rails and styles, with wooden frame and suitable blocks of seasoned wood inside at required places for fixing of fittings, cast monolithically with 5 mm thick FRP laminate for panels conforming to IS: 14856, including fixing to frames cost of all labour, materials, tools equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	8.00	One Square metre	4709.14	Rupees Four Thousand Seven Hundred Nine and Fourteen Paise Only	37673.12	Rupees Thirty Seven Thousand Six Hundred Seventy Three and Twelve Paise Only
17	Supplying and fixing CP Brass angle valve 15mm including cost of all labour, materials, tools etc. complete as per detailed specifications and directions of the Engineer-in-charge.	18.00	Each	484.16	Rupees Four Hundred Eighty Four and Sixteen Paise Only	8714.88	Rupees Eight Thousand Seven Hundred Fourteen and Eighty Eight 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
18	Supplying and laying/ fixing 63mm dia. PVC pipe(class 2) buried/ above ground for drainage disposal including cost of all labour, materials, tools, equipments etc. complete as per etailed specifications and directions of the Engineer-in-charge.	20.00	One Metre	172.50	Rupees One Hundred Seventy Two and Fifty Paise Only	3450.00	Rupees Three Thousand Four Hundred Fifty Only
19	Supplying and laying/ fixing 110mm dia. PVC pipe(class 2) buried/ above ground for drainage disposal including cost of all labour, materials, tools, equipments etc. complete as per etailed specifications and directions of the Engineer-in-charge.	20.00	One Metre	338.80	Rupees Three Hundred Thirty Eight and Eighty Paise Only	6776.00	Rupees Six Thousand Seven Hundred Seventy Six Only
20	Supplying and fixing PVC floor traps 110mm dia. with 50mm deep seal and 63/75mm outlet including cost of all materials, labour, tools etc. complete as per detailed specifications and directions of the Engineer In Charge.	8.00	Each	200	Rupees Two Hundred Only	1600.00	Rupees One Thousand Six Hundred 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
21	Supplying and fixing good approved quality special type Push Cock for urinals including cost of all labour, materials, tools etc. complete as per the directions of the Engineer-in-charge.	4.00	Each	1000	Rupees One Thousand Only	4000.00	Rupees Four Thousand Only
22	Supplying and Laying and jointing PVC pipe (class 5) with ISI mark on walls including all specials for water supply line. 25 mm dia., including cost of all labour, materials, tools, equipments, all required fitting etc. complete as per detailed specifications and directions of the Engineer-in-charge.	20.00	One Metre	79.00	Rupees Seventy Nine Only	1580.00	Rupees One Thousand Five Hundred Eighty Only
23	Supplying and Laying and jointing PVC pipe (class 5) with ISI mark on walls including all specials for water supply line. 32 mm dia., including cost of all labour, materials, tools, equipments, all required fitting etc. complete as per detailed specifications and directions of the Engineer-in-charge.	20.00	One Metre	97.40	Rupees Ninety Seven and Forty Paise Only	1948.00	Rupees One Thousand Nine Hundred Forty Eight 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
24	Providing and fixing 15mm dia. or nearest available size Chromium plated brass tap (Heavy) of weight not less than 400g including cost of all labor, tools, equipments etc. complete as per directions of the Engineer-in-charge.	5.00	Each	375.50	Rupees Three Hundred Seventy Five and Fifty Paise Only	1877.50	Rupees One Thousand Eight Hundred Seventy Seven and Fifty Paise Only
25	Transporting surplus materials and debris using tipper lorry(6m3), dumping and levelling within a lead of 6 Km including all labour and consumables etc as per the directions of the Engineer-in-charge.	1.00	One Day	7395.00	Rupees Seven Thousand Three Hundred Ninety Five Only	7395.00	Rupees Seven Thousand Three Hundred Ninety Five Only
	Total part A					522890.09	
B	Part-B- Replacing rectified Ceramic Floor tiles at Courtyard of Marine Building Ground Floor						
1	Dismantling the existing damaged tile work in floors laid in cement mortar including the mortar and stacking the dismantled material within 50 metres lead including cost of all labour, tools, equipments etc. complete as per detailed specification and direction of Engineer-in-charge. .	120.00	One Square Metre	83.10	Rupees Eighty Three and Ten Paise Only	9972.00	Rupees Nine Thousand Nine Hundred Seventy Two 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
2	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement: 4 Coarse sand), including grouting the joints with white cement and matching pigments etc., complete as per detailed specifications and directions of Engineer-in-Charge.	120.00	One Square Metre	1591.03	Rupees One Thousand Five Hundred Ninety One and Three Paise Only	190923.60	Rupees One Lakh Ninety Thousand Nine Hundred Twenty Three and Sixty Paise Only
	Total part B					200895.60	
	Total (Part A + Part B)					723785.69	Rupees Seven Lakh Twenty Three Thousand Seven Hundred Eighty Five and Sixty Nine 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
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			723785.69			
" This is an Electronic Submission. No Need of Signature"							