

**COCHIN PORT TRUST**

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Tender No: T1/Q-07/2020-C Date: 04/03/2020 (PRICE BID)



**Name of Wok:"REPAIRING WORK AND PROVIDING DRAINAGE FACILITIES AT ERNAKULAM WHARF CANTEEN".**

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

Please Enter the Contractor Name							
SL.N o:	Sub- heads and items of work	Approxi-mate Quantity	Unit	Department al rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) 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 within 50 metres lead, all labour, tools etc. complete as per detailed specifictions and directions of the Engineer-in-charge.	15.00	One Square Metre	53.00	<b>Rupees Fifty Three Only</b>	795.00	<b>Rupees Seven Hundred Ninety Five Only</b>
2	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead for thickness of tiles 10 mm to 25 mm, including cost of all labour,tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	10.00	One Square Metre	74.54	<b>Rupees Seventy Four and Fifty Four Paise Only</b>	745.40	<b>Rupees Seven Hundred Forty Five and Forty Paise Only</b>

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
3	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. Nominal concrete 1:3:6 or richer mix or equivalent design mix including cost of all labour,tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	7.00	One Cubic Metre	2361.26	<b>Rupees Two Thousand Three Hundred Sixty One and Twenty Six Paise Only</b>	16528.82	<b>Rupees Sixteen Thousand Five Hundred Twenty Eight and Eighty Two Paise Only</b>
4	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil including cost of all labour,tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	16.00	One Cubic Metre	342.89	<b>Rupees Three Hundred Forty Two and Eighty Nine Paise Only</b>	5486.24	<b>Rupees Five Thousand Four Hundred Eighty Six and Twenty Four Paise Only</b>

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	Providing Kota stone slab 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 cementmortar 1 : 4 (1 cement : 4 coarse sand) : 25 mm thick including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	10.00	One Square Metre	2081.85	<b>Rupees Two Thousand Eighty One and Eighty Five Paise Only</b>	20818.50	<b>Rupees Twenty Thousand Eight Hundred Eighteen and Fifty Paise Only</b>
6	Providing and fixing up to floor five level precast cement concrete solid block, including hoisting and setting in position with cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering, shuttering complete : 1:1½:3 (1 Cement: 1½ 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 the Engineer-in-charge..	2.00	One Cubic Metre	19354.16	<b>Rupees Nineteen Thousand Three Hundred Fifty Four and Sixteen Paise Only</b>	38708.32	<b>Rupees Thirty Eight Thousand Seven Hundred Eight and Thirty Two Paise Only</b>
7	Plastering with cement mortar 1:4 (1 cement: 4 fine sand) 12 mm thick including finishing, curing, cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of Engineer - in - Charge.	35.00	One Square Metre	362.66	<b>Rupees Three Hundred Sixty Two and Sixty Six Paise Only</b>	12693.10	<b>Rupees Twelve Thousand Six Hundred Ninety Three and Ten Paise Only</b>

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 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 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade, cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge..	15.00	One Square Metre	1400.22	<b>Rupees One Thousand Four Hundred and Twenty Two Paise Only</b>	21003.30	<b>Rupees Twenty One Thousand Three and Thirty Paise Only</b>
9	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M - 30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with fine sand, cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	125.00	One Square Metre	1167.89	<b>Rupees One Thousand One Hundred Sixty Seven and Eighty Nine Paise Only</b>	145986.25	<b>Rupees One Lakh Forty Five Thousand Nine Hundred Eighty Six and Twenty Five Paise Only</b>

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	Providing and laying in position cement concrete for all work up to plinth level with Cement Concrete 1:4:8 (1 cement: 4 coarse sand: 8 graded stone aggregate 40 mm nominal size) including laying, compacting, curing, cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	0.50	One Cubic Metre	7868.3	<b>Rupees Seven Thousand Eight Hundred Sixty Eight and Thirty Paise Only</b>	3934.15	<b>Rupees Three Thousand Nine Hundred Thirty Four and Fifteen Paise Only</b>
11	Providing PVC Fabricated Grease trap type C-3 chamber 520x1780x910 mm Fabricate with 8 mm PVC Sheet 3 nos Filter Bucket include (Three chamber) Capacity - 600ltr., Flow Rate - 175 GPM Grease holding capacity - 350 lbs including, cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	1.00	No.	81983.50	<b>Rupees Eighty One Thousand Nine Hundred Eighty Three and Fifty Paise Only</b>	81983.50	<b>Rupees Eighty One Thousand Nine Hundred Eighty Three and Fifty Paise Only</b>
12	Supplying and laying/ fixing 160mm dia. PVC pipe (class 2) buried/ above ground for drainage disposal including cost of all labour, materials, tools, equipments etc. complete as per directions of the Engineer-in-charge.	45.00	One Metre	497.00	<b>Rupees Four Hundred Ninety Seven Only</b>	22365.00	<b>Rupees Twenty Two Thousand Three Hundred Sixty Five Only</b>

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
13	Providing and laying flamed finish Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-charge: Flamed finish granite stone slab jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	5.00	One Square Metre	3365.59	<b>Rupees Three Thousand Three Hundred Sixty Five and Fifty Nine Paise Only</b>	16827.95	<b>Rupees Sixteen Thousand Eight Hundred Twenty Seven and Ninety Five Paise Only</b>
14	Providing precast Reinforced Cement Concrete 1:1.5:3 slabs over drains including setting in position with Cement Mortar 1:3, cost of required centering, shuttering, including laying, compacting, curing, cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge but excluding reinforcement as directed by the Engineer-in-charge.	0.50	One Cubic Metre	9526.78	<b>Rupees Nine Thousand Five Hundred Twenty Six and Seventy Eight Paise Only</b>	4763.39	<b>Rupees Four Thousand Seven Hundred Sixty Three and Thirty Nine Paise Only</b>

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
15	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.Thermo-Mechanically Treated bars of grade Fe-500D or more including cutting, bending, laying in position, tying, cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge..	50.00	One Kilogram	113.48	<b>Rupees One Hundred Thirteen and Forty Eight Paise Only</b>	5674.00	<b>Rupees Five Thousand Six Hundred Seventy Four Only</b>
16	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 including cost of all tools, labour etc. Complete as per detailed specifications and directions of the Engineer-in-Charge.	350.00	One Square Metre	24.8	<b>Rupees Twenty Four and Eighty Paise Only</b>	8680.00	<b>Rupees Eight Thousand Six Hundred Eighty Only</b>
17	Applying one coat of water thinnable cement primer on wall surfaces, having VOC content less than 50 grams/litre including cost of all labour, materials, tools etc. complete as per detailed specification and the directions of the Engineer - in - Charge	350.00	One Square Metre	81.54	<b>Rupees Eighty One and Fifty Four Paise Only</b>	28539.00	<b>Rupees Twenty Eight Thousand Five Hundred Thirty Nine Only</b>

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	Finishing walls with Acrylic Smooth exterior paint of required shade over Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface including cost of all labour, materials, tools, equipment etc. complete as per detailed specifications and directions of the Engineer-in-charge..	10.00	One Square Metre	223.83	<b>Rupees Two Hundred Twenty Three and Eighty Three Paise Only</b>	2238.30	<b>Rupees Two Thousand Two Hundred Thirty Eight and Thirty Paise Only</b>
19	Applying priming coat with ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood) including cost of all labour, materials, tools, equipment etc. complete as per detailed specifications and directions of the Engineer-in-charge..	6.19	One Square Metre	77.53	<b>Rupees Seventy Seven and Fifty Three Paise Only</b>	479.91	<b>Rupees Four Hundred Seventy Nine and Ninety One Paise Only</b>
20	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. - 30 mm thick shutters including cost of all tools, labour materials, equipments etc. Complete as per detailed specifications and directions of the Engineer-in-Charge.	6.24	One Square Metre	4443.86	<b>Rupees Four Thousand Four Hundred Forty Three and Eighty Six Paise Only</b>	27729.69	<b>Rupees Twenty Seven Thousand Seven Hundred Twenty Nine and Sixty Eight Paise Only</b>



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	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work including cost of all tools, labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-Charge.	10.00	One Square Metre	165.19	<b>Rupees One Hundred Sixty Five and Nineteen Paise Only</b>	1651.90	<b>Rupees One Thousand Six Hundred Fifty One and Ninety Paise Only</b>
	<b>Total</b>					<b>467631.72</b>	<b>Rupees Four Lakh Sixty Seven Thousand Six Hundred Thirty One and Seventy One Paise Only</b>
<b>BIDDER'S QUOTING AREA</b>							
		Departmental Estimated Cost	Percentage Quoted		Above / Below	Bidder's Quoted Amount (Rs.)	Bidder's Quoted Amount (Rs.) in Words
			*In figures	In Words			
	Percentage quoted above/ below the departmental amount shown in the above schedule	467,631.72					

**Note : 1. The tenderer shall quote either plus or minus sign (eg: +5 or -5) in figures and words**

**2. Only two decimal digits shall be accepted**

**3. The tenderer shall also quote Above / Below and Quoted Amount in figures and words themselves**

**" This is an Electronic Submission No Need of Signature"**