

**COCHIN PORT AUTHORITY**

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Tender No: T6/T-2047/2025-C Date: 12/03/2025 (PRICE BID)

**Name of Wok: "Resurfacing the bituminous area and providing RCC Drain with cover slabs at Fire Station Ground".**

**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 10sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, including cost of all labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-charge.	16.00	One Cubic Metre	247.1	<b>Rupees Two Hundred Forty Seven and Ten Paise Only</b>	3953.60	<b>Rupees Three Thousand Nine Hundred Fifty Three and Sixty Paise Only</b>
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 4.1.2 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 Engineer-in-charge.	5.00	One Cubic Metre	9799.43	<b>Rupees Nine Thousand Seven Hundred Ninety Nine and Forty Three Paise Only</b>	48997.15	<b>Rupees Forty Eight Thousand Nine Hundred Ninety Seven and Fifteen 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	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 5.1.2 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.	8.00	One Cubic Metre	10489.41	<b>Rupees Ten Thousand Four Hundred Eighty Nine and Forty One Paise Only</b>	83915.28	<b>Rupees Eighty Three Thousand Nine Hundred Fifteen and Twenty Eight Paise Only</b>
4	Centering and shuttering including strutting, propping etc. and removal of form work for : 4.3.2 Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc. including cost of all labour, materials, tools, equipments etc. complete as per the directions of Engineer-in-charge.	82.00	One Square Metre	828.06	<b>Rupees Eight Hundred Twenty Eight and Six Paise Only</b>	67900.92	<b>Rupees Sixty Seven Thousand Nine Hundred and Ninety Two Paise Only</b>
5	Thermo-Mechanically Treated Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level for RCC items above including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-	1200.00	One Kilogram	113.48	<b>Rupees One Hundred Thirteen and Forty Eight Paise Only</b>	136176.00	<b>Rupees One Lakh Thirty Six Thousand One Hundred Seventy Six Only</b>
6	Plastering with cement mortar 1:4 (1 cement: 4 fine sand) 12 mm thick including finishing, curing, all labour, materials, scaffolding, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-charge.	62.00	One Square Metre	362.66	<b>Rupees Three Hundred Sixty Two and Sixty Six Paise Only</b>	22484.92	<b>Rupees Twenty Two Thousand Four Hundred Eighty Four and Ninety Two 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
7	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 for all leads & lifts, laying in uniform layers with mechanicalpaverfinisher in sub- base / base course on well prepared surface and compacting with vibratory roller of 8 to 10 tonne capacityto achievethe desired density, including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	10.00	One Cubic Metre	3589.77	<b>Rupees Three Thousand Five Hundred Eighty Nine and Seventy Seven Paise Only</b>	35897.70	<b>Rupees Thirty Five Thousand Eight Hundred Ninety Seven and Seventy Paise Only</b>
8	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 directions of Engineer-in-Charge.	20.00	One Cubic Metre	188.70	<b>Rupees One Hundred Eighty Eight and Seventy Paise Only</b>	3774.00	<b>Rupees Three Thousand Seven Hundred Seventy Four Only</b>
9	Providing and applying Prime coat using bitumen emulsion conforming to IS:8887, using emulsion pressure distributor including preparing the surface & cleaning with mechanical broom. With medium setting bitumen emulsion On W.B.M / W.M.M. @ 0.4kg/sqm including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge	70.00	One Square Metre	22.63	<b>Rupees Twenty Two and Sixty Three Paise Only</b>	1584.10	<b>Rupees One Thousand Five Hundred Eighty Four 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
10	Providing and applying tack coat using bitumen emulsion conforming to IS:8887, using emulsion pressure distributor including preparing the surface & cleaning with mechanical broom. With medium setting bitumen emulsion On bituminous surface @ 0.25kg/sqm including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	1860.00	One Square Metre	14.95	<b>Rupees Fourteen and Ninety Five Paise Only</b>	27807.00	<b>Rupees Twenty Seven Thousand Eight Hundred Seven Only</b>
11	Providing and laying bituminous macadam using crushed stone aggregates of specified grading premixed with bituminous binder, transported to site by tippers, laid over a previously prepared surface with paver finisher equipped with electronic sensor to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers as per specifications to achieve the desired compaction and density, complete as per specifications and directions of Engineer-in-Charge. 50 to 100 mm average compacted thickness with bitumen of grade VG-30 @ 3.5 0% (percentage by weight of total mix) prepared in Batch Type Hot Mix Plant of 100-120 TPH capacity including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	18.00	One Cubic Metre	10523.79	<b>Rupees Ten Thousand Five Hundred Twenty Three and Seventy Nine Paise Only</b>	189428.22	<b>Rupees One Lakh Eighty Nine Thousand Four Hundred Twenty Eight and Twenty Two 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
12	Providing and laying Bituminous concrete using crushed stone aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site by tippers, laying with paver finisher equipped with electronic sensor to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction and density as per specification, complete and as per directions of Engineer-in-Charge. 40/50 mm compacted thickness with bitumen of grade VG-30 @5.5% (percentage by weight of total mix) and lime filler @3% (percentage by weight of Aggregate) prepared in Batch Type Hot Mix Plant of 100-120 TPH capacity including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge	61.00	One Cubic Metre	14874.22	<b>Rupees Fourteen Thousand Eight Hundred Seventy Four and Twenty Two Paise Only</b>	907327.42	<b>Rupees Nine Lakh Seven Thousand Three Hundred Twenty Seven and Forty Two Paise Only</b>
	<b>Total</b>					<b>1529246.31</b>	<b>Rupees Fifteen Lakh Twenty Nine Thousand Two</b>

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<b>BIDDERS QUOTING AREA</b>							
				Departemental 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	
	<b>Notes :</b> 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 discepancy in words and figures the quoted figure in word will prevail			1529246.31			
<b>" This is an Electronic Submission. No Need of Signature"</b>							