

COCHIN PORT TRUST

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Tender No: T6/T-1994/2023-C Date: 19.06.2023- (PRICE BID)

Name of Wok:"RECTIFICATION AND RESURFACING OF VARIOUS ROADS AT WILLINGDON ISLAND"

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- Malabar Road						
1	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, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	2470.00	One Square Metre	14.95	Rupees Fourteen and Ninety Five Paise Only	36926.50	Rupees Thirty Six Thousand Nine Hundred Twenty Six 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
2	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, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	8.00	One cubic metre	10523.8	Rupees Ten Thousand Five Hundred Twenty Three and Eighty Paise Only	84190.40	Rupees Eighty Four Thousand One Hundred Ninety 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
3	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, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	96.00	One Cubic metre	14874.22	Rupees Fourteen Thousand Eight Hundred Seventy Four and Twenty Two Paise Only	1427925.12	Rupees Fourteen Lakh Twenty Seven Thousand Nine Hundred Twenty Five and Twelve 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 applying 2.5 mm thick road marking strips (retroreflective) of specified shade / colour using hot thermoplastic material by fully / semi automatic thermoplastic paint applicator machine fitted with profile shoe, glass beads dispenser, propane tank heater and profile shoe heater, driven by experienced operator on road surface including cost of material, labour, T&P, cleaning the road surface of all dirt, seals, oil, grease and foreign material including cost of all labour, materials, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	100.00	One Square metre	825.34	Rupees Eight Hundred Twenty Five and Thirty Four Paise Only	82534.00	Rupees Eighty Two Thousand Five Hundred Thirty Four Only
	Total Part-A					1631576.02	
B	Part- B- Road at South End Reclamation area.						
1	Cutting , sectioning & levelling the earth heaps, vegetation growth, waste materials etc. complete using JCB including all labour and consumables etc as per the directions of the Engineer-in-charge including cost of all labour, materials, equipments, tools etc. complete as per detailed specifications and directions of	64.00	One Hour	1224.80	Rupees One Thousand Two Hundred Twenty Four and Eighty Paise Only	78387.20	Rupees Seventy Eight Thousand Three Hundred Eighty Seven and Twenty 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	Transporting surplus materials and debris using tipper lorry (6m ³), dumping and levelling with in a lead of 6 Km including cost of all labour, equipments and consumables etc. as per the directions of the Engineer-in-charge.	6.00	One day	7395.00	Rupees Seven Thousand Three Hundred Ninety Five Only	44370.00	Rupees Forty Four Thousand Three Hundred Seventy Only
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 including cost of all labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	20.00	One Cubic Metre	2361.26	Rupees Two Thousand Three Hundred Sixty One and Twenty Six Paise Only	47225.20	Rupees Forty Seven Thousand Two Hundred Twenty Five and Twenty 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, 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.	400.00	One cubic metre	3589.77	Rupees Three Thousand Five Hundred Eighty Nine and Seventy Seven Paise Only	1435908.00	Rupees Fourteen Lakh Thirty Five Thousand Nine Hundred Eight Only
5	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 as per directions of Engineer-in-Charge. On W.B.M / W.M.M. @ 0.4kg/sqm including cost of all labour, materials, equipments, tools etc. complete as per detailed specifications and directions of Engineer-in-Charge.	2700.00	One Square Metre	22.63	Rupees Twenty Two and Sixty Three Paise Only	61101.00	Rupees Sixty One Thousand One Hundred One 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
6	Providing Bitumen premix in 80mm layers for filling pot holes, easing the undulations etc. to the required level and camber, hire charges of tools including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	215.00	One Cubic Metre	5775.20	Rupees Five Thousand Seven Hundred Seventy Five and Twenty Paise Only	1241668.00	Rupees Twelve Lakh Forty One Thousand Six Hundred Sixty Eight Only
7	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, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	5900.00	One Square Metre	14.95	Rupees Fourteen and Ninety Five Paise Only	88205.00	Rupees Eighty Eight Thousand Two Hundred Five Only
8	Providing close graded premix surfacing 25 mm thick using materials 12 mm metal, 6 mm metal, Crusher run screening and bitumen including cost of all labour, materials, equipments etc. complete as per detailed specifications & direction of Engineer -in-Charge.	5900.00	One square metre	268.90	Rupees Two Hundred Sixty Eight and Ninety Paise Only	1586510.00	Rupees Fifteen Lakh Eighty Six Thousand Five Hundred Ten Only
	Total Part-A					4583374.40	

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
C	Part- C- Road to lakshadeep Wharf.						
1	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, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	3000.00	One Square Metre	14.95	Rupees Fourteen and Ninety Five Paise Only	44850.00	Rupees Forty Four Thousand Eight Hundred Fifty Only
2	Providing Bitumen premix in 80mm layers for filling pot holes, easening the undulations etc. to the required level and camber, hire charges of tools including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	240.00	One Cubic Metre	5775.20	Rupees Five Thousand Seven Hundred Seventy Five and Twenty Paise Only	1386048.00	Rupees Thirteen Lakh Eighty Six Thousand 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
3	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 Rapid setting bitumen emulsion on bituminous surface @ 0.25kg/sqm including cost of all labour, materials, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	3000.00	One Square Metre	10.94	Rupees Ten and Ninety Four Paise Only	32820.00	Rupees Thirty Two Thousand Eight Hundred 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
4	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, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	3000.00	One Square metre	268.90	Rupees Two Hundred Sixty Eight and Ninety Paise Only	806700.00	Rupees Eight Lakh Six Thousand Seven Hundred Only
	Total Part-C					2270418.00	

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
	Total Part A + Part B + Part C					8485368.42	Rupees Eighty Four Lakh Eighty Five Thousand Three Hundred Sixty Eight and Forty Two Paise Only
BIDDER'S 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 quotationer 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.quotationers 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				8485368.42			
" This is a Electronic Submission No Need of Signature"							