

COCHIN PORT TRUST

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Tender No: T6/T-1918/2020-C Date: 12/03/2020 (PRICE BID)

Name of Wok: "PROVIDING REMOVABLE SPEED BREAKER TO TOLL BOOTH NO.1 & II AND SUPPLY & FIXING SIGNAGE".

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	Cutting sectioning and levelling the earth heaps, vegetation growth, waste materials etc. complete using JCB including all labour, consumables, etc. complete as per the direction of the Engineer -in-charge.	3.00	One Hour	914.00	Rupees Nine Hundred Fourteen Only	2742.00	Rupees Two Thousand Seven Hundred Forty Two Only
2	Providing and laying in position reinforced cement concrete of grade 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size) for all work up to plinth level excluding the cost of centering, shuttering, and reinforcement but including cost of all labour, equipments, tools, levelling, finishing, curing etc, complete as per detailed specifications and direction of Engineer-in-charge	20.00	One cubic metre	10489.41	Rupees Ten Thousand Four Hundred Eighty Nine and Forty One Paise Only	209788.20	Rupees Two Lakh Nine Thousand Seven Hundred Eighty Eight and Twenty Paise Only

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3	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete using Thermo Mechanically Treated bars including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and direction of Engineer-in-charge.	2100.00	One Kilogram	113.48	Rupees One Hundred Thirteen and Forty Eight Paise Only	238308.00	Rupees Two Lakh Thirty Eight Thousand Three Hundred Eight Only
4	Providing and fixing Glow studs of size 100x20 mm made of heavy duty body shall be moulded ASA (Acrylic styrene Acryloretrite) or HIP (High impact polystyrene) or ABS having electronically welded micro- prismatic lens with abrasion resistant coating as approved by Engineer in charge. The glow stud shall support a load of 13635 kg tested in accordance with ASTM D4280. The slope of retro- reflective surface shall be 35 (+/-5) degrees to base .The reflective panels on both sides with at least 12 cm of reflective area up each side. The luminance intensity should be as per the specification and shall be tested as described in ASTM I: 809 as recommended in BS: 873 part 4 : 1973. The studs shall be fixed to the Road surface using the adhesive conforming to IS, as per procedure recommended by the manufacturer complete and as per direction of Engineer-in-charge.	800.00	Each	266.92	Rupees Two Hundred Sixty Six and Ninety Two Paise Only	213536.00	Rupees Two Lakh Thirteen Thousand Five 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
5	Providing good approved quality reinforced heavy duty rubber speed breaker of approximate size 500x400x75mm yellow and black colour with end caps, bolts, nuts chemicals etc. including cost of all labour, materials, tools, equipments etc. complete as per direction of the Engineer-in-charge.	40.00	One metre	4008.35	Rupees Four Thousand Eight and Thirty Five Paise Only	160334.00	Rupees One Lakh Sixty Thousand Three Hundred Thirty Four Only
6	Providing approved quality heavy duty Rubber/ PVC Rumbler strips of approximate size 500x100x25mm in yellow and black colours with fixing charges including nuts, bolts, screws, all labour, materials, tools, equipments etc. complete as per the direction of the Engineer-in-charge.	215.00	One metre	1100.71	Rupees One Thousand One Hundred and Seventy One Paise Only	236652.65	Rupees Two Lakh Thirty Six Thousand Six Hundred Fifty Two and Sixty Five Paise Only
7	Painting road surface marking with two or more coats for New work to give uniform finish with ready mixed road marking paint conforming to IS : 164, on bituminous surface in white/ yellow shade, including cleaning the surface of all dirt, scales, oil, grease and foreign material, cost of all labour, materials, tools, equipments etc. complete as per the directions of the Engineer-in-charge.	260.00	One square metre	293.48	Rupees Two Hundred Ninety Three and Forty Eight Paise Only	76304.80	Rupees Seventy Six Thousand Three Hundred Four and Eighty 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	Manufacturing, supplying and fixing retro reflective overhead signage boards made up of 2 mm thick aluminium sheet, face to be fully covered with high intensity and encapsulated lens type heat activated retro reflective sheeting conforming to type - III of ASTM-D-4956-01 as approved by Engineer-in-charge, letters, borders etc. as per IRC : 67-2001 in silver white with blue colour background and with high intensity grade, pasted on substrate by pressure sensitive adhesive backing which shall be activated by applying pressure conforming to class II of ASTM-D-4956-01 and fixing the same to the plate of structural frame work by means of suitable sized aluminium alloys, rivets or bolts & nuts @ 300 mm centre to centre all along the periphery as well as in two vertical rows along with theft resistant measures, including the cost of painting with two or more coats of epoxy paint in grey colour on the back side of aluminium sheet including appropriate priming coat. The rate includes the cost of rounding off the corners, lowering down the structural frame work from the gantry, fixing	5.80	One square metre	7181.78	Rupees Seven Thousand One Hundred Eighty One and Seventy Eight Paise Only	41654.32	Rupees Forty One Thousand Six Hundred Fifty Four and Thirty Two Paise Only

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	and erecting the same in position including cost of all material labour, tools, equipments etc. complete as per detailed specification and direction of the Engineer-in-Charge. (Structural frame work including M.S. plate to be provided separately. Rectangular area of the sheet only shall be measured for payment).						

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9	<p>Providing Retro-reflective regulatory sign board of size 900 mm dia meter made out of 2 mm thick aluminium sheet, face to be fully covered with high intensity encapsulated lens type retro -reflective sheeting as approved by Engineer-in-charge . Letter, symbols, borders etc. will be as per IRC - 67 with required colour scheme on the boards and with the high intensity grade A. The aluminium sheet to be riveted to M.S. frame of angle iron of size 40x40x4 mm. The boards will be fixed to 1 No. 50x50 mm square post made of M.S. angle 50x50x4 mm, 4 m long welded to the frame with adequate anti-theft arrangement .Sheet work to be painted with two or more coats of synthetic enamel paint over an under coat (primer) and back side of aluminium sheet to be painted with two or more coats of epoxy paint including appropriate priming coat including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.</p>	4.00	Each	9146.2	<p>Rupees Nine Thousand One Hundred Forty Six and Twenty Paise Only</p>	36584.80	<p>Rupees Thirty Six Thousand Five Hundred Eighty Four and Eighty Paise Only</p>
	Total					1215904.77	<p>Rupees Twelve Lakh Fifteen Thousand Nine Hundred Four and Seventy Seven Paise Only</p>

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BIDDER'S QUOTING AREA							
	Description of work	Departmental Estimated Cost (Rs)	Percentage Quoted above/below the Departmental Amount by the Bidder		Above/Below	Bidders Quoted Amount (Rs.)	Bidders Quoted Amount (Rs.) in Words
			* In Figures	# In Words			
	Percentage quoted above/ below the departmental amount shown in the above schedule.	1215904.77					
<p>* The tenderer shall quote either plus or minus sign (eg: +5 or -5) in figures only and minimum two decimal digits shall only be accepted.</p> <p># Contents in cells under column " In Words" shall be entered by the bidder.</p>							

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