

## COCHIN PORT AUTHORITY

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Tender No: T6/T-2070/2025-C

Name of Work : RESURFACING THE MILNE ROAD FROM 3rd CROSS ROAD to HOSPITAL Jn., 4th CROSS ROAD &amp; RESTORATION OF DRAINS AT W/ISLAND

## SCHEDULE – "II"- SCHEDULE OF QUANTITIES OF WORK TO BE DONE ON CONTRACT

Name and Address of the Vendor:

Sl. No.	Sub- heads and items of work	Unit	Approximate Quantity	Departmental Rate/ unit Price (Rs)	Departmental Rate in Words	Departmental Amount in Rs.	Departmental Amount in Words
<b>I</b>	<b>Phase-I - From 3rd Cross Road To Ekm.Wharf Jn.</b>						
<b>A</b>	<b>Part-A- Resurfacing the road</b>						
1	Clearing the dust, earth, rubbish etc accumulated in the side of the road, wharf frontage/berths, container yard etc including sweeping and depositing the materials upto a lead of 6km including cost of all labour, tools, equipments as per the direction of Engineer-in-Charge	One Square Metre	940.00	13.20	Rupees Thirteen and Twenty Paise Only	12,408.00	Rupees Twelve Thousand Four Hundred Eight Only
2	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, carriage of mixed material by tipper to site, for all leads & lifts, laying in uniform layers with mechanical paver finisher in sub-base /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, tools, equipments etc. complete as per specifications and directions of Engineer-in-charge.	One Cubic Metre	47.00	3244.23	Rupees Three Thousand Two Hundred Forty Four and Twenty Three Paise Only	1,52,478.81	Rupees One Lakh Fifty Two Thousand Four Hundred Seventy Eight and Eighty One Paise Only
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 on WMM surface @ 0.40kg/sqm including cost of all labour, materials, tools, equipments etc. complete as per specifications and directions of Engineer-in-charge.	One Square Metre	309.00	23.60	Rupees Twenty Three and Sixty Paise Only	7,292.40	Rupees Seven Thousand Two Hundred Ninety Two and Forty Paise Only
4	Providing and applying tack coat using bitumen emulsion conforming to IS: 8887, using emulsion pressure distributor including preparing the surface & cleaning with mechanical broom on bituminous surface @ 0.25kg/sqm including cost of all labour, materials, tools, equipments etc. complete as per specifications and directions of Engineer-in-charge.	One Square Metre	13620.00	15.64	Rupees Fifteen and Sixty Four Paise Only	2,13,016.80	Rupees Two Lakh Thirteen Thousand Sixteen and Eighty Paise Only
5	Providing and laying Dense Graded Bituminous Macadam 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 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 @ 3.50% (percentage by weight of total mix) and lime filler @3% (percentage by weight of Aggregate)and waste plastic additive 8% (percentage by weight of bitumen) prepared in Drum Type Hot Mix Plant of 60-90 TPH including cost of all labour, materials, tools, equipments etc. complete as per specifications and directions of Engineer-in-charge.	One Cubic Metre	404.00	9468.57	Rupees Nine Thousand Four Hundred Sixty Eight and Fifty Seven Paise Only	38,25,302.28	Rupees Thirty Eight Lakh Twenty Five Thousand Three Hundred Two and Twenty Eight Paise Only

6	Providing and laying semi-dense 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% (percentage by weight of total mix) and lime filler @ 2% (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 specifications and directions of Engineer-in-charge.	One Cubic Metre	360.00	13499.01	Rupees Thirteen Thousand Four Hundred Ninety Nine and One Paise Only	48,59,643.60	Rupees Forty Eight Lakh Fifty Nine Thousand Six Hundred Forty Three and Sixty Paise Only
7	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.	One Square Metre	201.00	832.46	Rupees Eight Hundred Thirty Two and Forty Six Paise Only	1,67,324.46	Rupees One Lakh Sixty Seven Thousand Three Hundred Twenty Four and Forty Six Paise Only
8	Providing and fixing Glow studs of size 100x20 mm made of heavyduty 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 studs shall be fixed to the Road surface using the adhesive conforming to IS, as per procedure recommended by the manufacturer including cost of all labour, materials, tools, equipments etc. complete as per specifications and directions of Engineer-in-charge.	One Number	470.00	229.66	Rupees Two Hundred Twenty Nine and Sixty Six Paise Only	1,07,940.20	Rupees One Lakh Seven Thousand Nine Hundred Forty and Twenty Paise Only
9	Manufacturing, supplying and fixing retro reflective sign boards made up of 2 mm thick aluminium sheet, face to be fully covered with high intensity encapsulated type heat activated retro reflective sheeting conforming to type - IV of ASTM-D 4956-01 in blue and silver white or other colour combination including subject matter, message (bi lingual), symbols and borders etc. as per IRC ; 67:2001, pasted on substrate by an adhesive backing which shall be activated by applying heat and pressure conforming to class -2 of ASTM-D-4956-01 and fixing the same with suitable sized aluminium alloy rivets @ 20 cm c/c to back support frame of M.S. angle iron of size 25x25x3 mm along with theft resistant measures, mounted and fixed with 2 Nos. M.S. angles of size 35x35x5 mm to a vertical post made up to M.S. Tee section ISMT 50x50x6 mm welded with base plate of size 100x100x5 mm at the bottom end and including making holes in pipes, angles flats, providing & fixing M.S. message plate of required size, steel work to be painted with two or more coats of synthetic enamel paint of required shade and of approved brand & manufacture over priming coat of zinc chromate yellow primer (vertical MS-Tee support to be painted in black and white colours).Backside of aluminium sheet to be painted with two or more coats of epoxy paint over and including appropriate priming coat including all leads and lifts etc. complete as per drawing, specification and direction of Engineer-in-charge. Mandatory/ Regulatory sign boards of 900 mm diameter with support length of 3750 mm including cost of all labour, materials, tools, equipments etc. complete as per specifications and directions of Engineer-in-charge.	One Number	3.00	7996.58	Rupees Seven Thousand Nine Hundred Ninety Six and Fifty Eight Paise Only	23,989.74	Rupees Twenty Three Thousand Nine Hundred Eighty Nine and Seventy Four Paise Only

10	Providing Retro-reflective regulatory sign board 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 complete in all respects including cost of all labour, materials, tools, equipments etc. complete as per directions of Engineer-in-charge.	One Number	3.00	9077.50	Rupees Nine Thousand Seventy Seven and Fifty Paise Only	27,232.50	Rupees Twenty Seven Thousand Two Hundred Thirty Two and Fifty Paise Only
11	Providing and laying in position cement concrete of specified grade of excluding the cost of centering , shuttering finishing a- for foundation of Kerb Stones using concret of grade 1:2:4 (1 Cement: 2 Coarse Sand (zone-III) : 4 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 all complete.	One Cubic Metre	80.00	8770.42	Rupees Eight Thousand Seven Hundred Seventy and Forty Two Paise Only	7,01,633.60	Rupees Seven Lakh One Thousand Six Hundred Thirty Three and Sixty Paise Only
12	Providing and laying in position cement concrete of specified grade of Reinforced Cement Concrete excluding the cost of centering , shuttering finishing and reinforcement- for flooring using concret of grade M25 using 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 all complete.	One Cubic Metre	80.00	10158.21	Rupees Ten Thousand One Hundred Fifty Eight and Twenty One Paise Only	8,12,656.80	Rupees Eight Lakh Twelve Thousand Six Hundred Fifty Six and Eighty Paise Only
13	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 cost of all materials, labour, tools, equipments etc. complete s per detailed specifications and directions of the Engineer-in-charge.	One Kilogram	8000.00	148.84	Rupees One Hundred Forty Eight and Eighty Four Paise Only	11,90,720.00	Rupees Eleven Lakh Ninety Thousand Seven Hundred Twenty Only
	Total for Part-A					1,21,01,639.19	
<b>B</b>	<b>Part-B- Restoration of Drain</b>						
14	Taking out all the old precast cover slabs of the drain and stacking within 50 metres lead including cost of all labour, tools, equipments etc. complete s per directions of the Engineer-in-charge.	One Square Metre	403.00	482.58	Rupees Four Hundred Eighty Two and Fifty Eight Paise Only	1,94,479.74	Rupees One Lakh Ninety Four Thousand Four Hundred Seventy Nine and Seventy Four Paise Only
15	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 including cost of all labour, tools, equipments etc. complete s per detailed specifications and directions of the Engineer-in-charge.	One Cubic Metre	95.00	197.60	Rupees One Hundred Ninety Seven and Sixty Paise Only	18,772.00	Rupees Eighteen Thousand Seven Hundred Seventy Two Only
16	Providing and laying in position cement concrete of specified grade of excluding the cost of centering , shuttering finishing a- for foundation of Kerb Stones using concret of grade 1:2:4 (1 Cement: 2 Coarse Sand (zone-III) : 4 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 all complete.	One Cubic Metre	32.00	8770.42	Rupees Eight Thousand Seven Hundred Seventy and Forty Two Paise Only	2,80,653.44	Rupees Two Lakh Eighty Thousand Six Hundred Fifty Three and Forty Four Paise Only

17	Providing and laying in position cement concrete of specified grade of excluding the cost of centering , shuttering finishing a- for raising the side wall of RCC drain and for Kerb Stones using concret of grade 1:1 1/2:3 (1 Cement: 2 Coarse Sand (zone-III) : 4 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 all complete.	One Cubic Metre	69.00	10158.21	Rupees Ten Thousand One Hundred Fifty Eight and Twenty One Paise Only	7,00,916.49	Rupees Seven Lakh Nine Hundred Sixteen and Forty Nine Paise Only
18	Filling with quarry dust inside basemnr including consolidation including cost of all labour, materials, tools, equipments etc. complete as per directions of the Engineer-in-charge	One Cubic Metre	16.00	1975.80	Rupees One Thousand Nine Hundred Seventy Five and Eighty Paise Only	31,612.80	Rupees Thirty One Thousand Six Hundred Twelve and Eighty Paise Only
19	Providing precast cement concrete for cover slabs of drain, including hoisting and setting in position with cement mortar 1:3 (1 Cement : 3 coarse sand), cost of required Centering complete. using cement concrete of grade 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20mm nominal size) including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-charge all complete.	One Cubic Metre	64.00	10069.82	Rupees Ten Thousand Sixty Nine and Eighty Two Paise Only	6,44,468.48	Rupees Six Lakh Forty Four Thousand Four Hundred Sixty Eight and Forty Eight Paise Only
20	Steel reinforcement for R.C.C. work including straightening, cutting,bending, placing in position and binding, cost of all labour, materials, tools, equipments etc. all complete. upto plinth level as per detailed specifications and directions of Engineer-in-charge	One Kilogram	5120.00	120.06	Rupees One Hundred Twenty and Six Paise Only	6,14,707.20	Rupees Six Lakh Fourteen Thousand Seven Hundred Seven and Twenty Paise Only
21	Providing eurocone tile flooring over the existing concrete floor including levelling with 20mm thick cement mortar 1:4 including cost of all labour, materials, tools, equipments etc. complete as per directions of Engineer-in-charge all complete.	One Square Metre	1255.00	857.14	Rupees Eight Hundred Fifty Seven and Fourteen Paise Only	10,75,710.70	Rupees Ten Lakh Seventy Five Thousand Seven Hundred Ten and Seventy Paise Only
22	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete for MS Manhole cover including cost of all labour, materials, tools, equipments etc. complete as per directions of Engineer-in-charge all complete.	One Kilogram	3550.00	148.84	Rupees One Hundred Forty Eight and Eighty Four Paise Only	5,28,382.00	Rupees Five Lakh Twenty Eight Thousand Three Hundred Eighty Two Only
	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete for manhole cover including cost of all labour, materials, tools, equipments etc. complete as per directions of Engineer-in-charge all complete.	One Square Metre	200.00	269.12	Rupees Two Hundred Sixty Nine and Twelve Paise Only	53,824.00	Rupees Fifty Three Thousand Eight Hundred Twenty Four Only
	Painting the kerb stones with synthetic enamel paint of approved brand and manufacture of required colour two coats to give an even shade including cost of all labour, materials, tools, equipments etc. complete as per directions of Engineer-in-charge all complete.	One Square Metre	315.00	251.86	Rupees Two Hundred Fifty One and Eighty Six Paise Only	79,335.90	Rupees Seventy Nine Thousand Three Hundred Thirty Five and Ninety Paise Only
	Total for Part-B					42,22,862.75	
	Total for Phase-I (Part A + B)					1,63,24,501.94	
<b>II</b>	<b>Phase-II - From Ekm.Wharf Jn.to Hospital Jn. &amp; 4th Cross Road</b>						
<b>C</b>	<b>Part-C- Resurfacing the road</b>						
1	Clearing the dust, earth, rubbish etc accumulated in the side of the road, wharf frontage/berths, container yard etc including sweeping and depositing the materails upto a lead of 6km including cost of all labour, tools, equipments as per the direction of Engineer-in-Charge	One Square Metre	1600	13.2	Rupees Thirteen and Twenty Paise Only	21,120.00	Rupees Twenty One Thousand One Hundred Twenty Only

2	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, carriage of mixed material by tipper to site, for all leads & lifts, laying in uniform layers with mechanical paver finisher in sub-base /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, tools, equipments etc. complete as per specifications and directions of Engineer-in-charge.	One Cubic Metre	50	3244.23	Rupees Three Thousand Two Hundred Forty Four and Twenty Three Paise Only	1,62,211.50	Rupees One Lakh Sixty Two Thousand Two Hundred Eleven and Fifty Paise Only
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 on WMM surface @ 0.40kg/sqm including cost of all labour, materials, tools, equipments etc. complete as per specifications and directions of Engineer-in-charge.	One Square Metre	480	23.6	Rupees Twenty Three and Sixty Paise Only	11,328.00	Rupees Eleven Thousand Three Hundred Twenty Eight Only
4	Providing and applying tack coat using bitumen emulsion conforming to IS: 8887, using emulsion pressure distributor including preparing the surface & cleaning with mechanical broom on bituminous surface @ 0.25kg/sqm including cost of all labour, materials, tools, equipments etc. complete as per specifications and directions of Engineer-in-charge.	One Square Metre	24300	15.64	Rupees Fifteen and Sixty Four Paise Only	3,80,052.00	Rupees Three Lakh Eighty Thousand Fifty Two Only
5	Providing and laying Dense Graded Bituminous Macadam 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 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 @ 3.50% (percentage by weight of total mix) and lime filler @3% (percentage by weight of Aggregate)and waste plastic additive 8% (percentage by weight of bitumen) prepared in Drum Type Hot Mix Plant of 60-90 TPH including cost of all labour, materials, tools, equipments etc. complete as per specifications and directions of Engineer-in-charge.	One Cubic Metre	610	9468.57	Rupees Nine Thousand Four Hundred Sixty Eight and Fifty Seven Paise Only	57,75,827.70	Rupees Fifty Seven Lakh Seventy Five Thousand Eight Hundred Twenty Seven and Seventy Paise Only
6	Providing and laying semi-dense 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% (percentage by weight of total mix) and lime filler @ 2% (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 specifications and directions of Engineer-in-charge.	One Cubic Metre	490	13499.01	Rupees Thirteen Thousand Four Hundred Ninety Nine and One Paise Only	66,14,514.90	Rupees Sixty Six Lakh Fourteen Thousand Five Hundred Fourteen and Ninety Paise Only
7	Providing and applying 2.5 mm thick road marking strips (retroreflective) of specified shade / colour using hot thermoplastic material by fully / semi automatic thermoplastic plant 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.	One Square Metre	300	832.46	Rupees Eight Hundred Thirty Two and Forty Six Paise Only	2,49,738.00	Rupees Two Lakh Forty Nine Thousand Seven Hundred Thirty Eight Only

8	Providing and fixing Glow studs of size 100x20 mm made of heavyduty 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 studs shall be fixed to the Road surface using the adhesive conforming to IS, as per procedure recommended by the manufacturer including cost of all labour, materials, tools, equipments etc. complete as per specifications and directions of Engineer-in-charge.	One Number	800	229.66	Rupees Two Hundred Twenty Nine and Sixty Six Paise Only	1,83,728.00	Rupees One Lakh Eighty Three Thousand Seven Hundred Twenty Eight Only
9	Manufacturing, supplying and fixing retro reflective sign boards made up of 2 mm thick aluminium sheet, face to be fully covered with high intensity encapsulated type heat activated retro reflective sheeting conforming to type - IV of ASTM-D 4956-01 in blue and silver white or other colour combination including subject matter, message (bi lingual), symbols and borders etc. as per IRC : 67:2001, pasted on substrate by an adhesive backing which shall be activated by applying heat and pressure conforming to class -2 of ASTM-D-4956-01 and fixing the same with suitable sized aluminium alloy rivets @ 20 cm c/c to back support frame of M.S. angle iron of size 25x25x3 mm along with theft resistant measures, mounted and fixed with 2 Nos. M.S. angles of size 35x35x5 mm to a vertical post made up to M.S. Tee section ISMT 50x50x6 mm welded with base plate of size 100x100x5 mm at the bottom end and including making holes in pipes, angles flats, providing & fixing M.S. message plate of required size, steel work to be painted with two or more coats of synthetic enamel paint of required shade and of approved brand & manufacture over priming coat of zinc chromate yellow primer (vertical MS-Tee support to be painted in black and white colours).Backside of aluminium sheet to be painted with two or more coats of epoxy paint over and including appropriate priming coat including all leads and lifts etc. complete as per drawing, specification and direction of Engineer-in-charge. Mandatory/ Regulatory sign boards of 900 mm diameter with support length of 3750 mm including cost of all labour, materials, tools, equipments etc. complete as per specifications and directions of Engineer-in-charge.	One Number	3	7996.58	Rupees Seven Thousand Nine Hundred Ninety Six and Fifty Eight Paise Only	23,989.74	Rupees Twenty Three Thousand Nine Hundred Eighty Nine and Seventy Four Paise Only
	Total for Part-C					1,34,22,509.84	
D	Part-D- Restoration of Drain						
10	Taking out all the old precast cover slabs of the drain and stacking within 50 metres lead including cost of all labour, tools, equipments etc. complete s per directions of the Engineer-in-charge.	One Square Metre	920.00	482.58	Rupees Four Hundred Eighty Two and Fifty Eight Paise Only	4,43,973.60	Rupees Four Lakh Forty Three Thousand Nine Hundred Seventy Three and Sixty Paise Only
11	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 including cost of all labour, tools, equipments etc. complete s per detailed specifications and directions of the Engineer-in-charge.	One Cubic Metre	170	197.6	Rupees One Hundred Ninety Seven and Sixty Paise Only	33,592.00	Rupees Thirty Three Thousand Five Hundred Ninety Two Only
12	Providing and laying in position cement concrete of specified grade of excluding the cost of centering , shuttering finishing a- for foundation of Kerb Stones using concret of grade 1:2:4 (1 Cement: 2 Coarse Sand (zone-III) : 4 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 all complete.	One Cubic Metre	56	8770.42	Rupees Eight Thousand Seven Hundred Seventy and Forty Two Paise Only	4,91,143.52	Rupees Four Lakh Ninety One Thousand One Hundred Forty Three and Fifty Two Paise Only
13	Providing and laying in position cement concrete of specified grade of excluding the cost of centering , shuttering finishing a- for raising the side wall of RCC drain and for Kerb Stones using concret of grade 1:1 1/2:3 (1 Cement: 2 Coarse Sand (zone-III) : 4 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 all complete.	One Cubic Metre	57	10158.21	Rupees Ten Thousand One Hundred Fifty Eight and Twenty One Paise Only	5,79,017.97	Rupees Five Lakh Seventy Nine Thousand Seventeen and Ninety Seven Paise Only

14	Providing precast cement concrete for cover slabs of drain, including hoisting and setting in position with cement mortar 1:3 (1 Cement : 3 coarse sand), cost of required Centering complete. using cement concrete of grade 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20mm nominal size) including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-charge all complete.	One Cubic Metre	110	10069.82	Rupees Ten Thousand Sixty Nine and Eighty Two Paise Only	11,07,680.20	Rupees Eleven Lakh Seven Thousand Six Hundred Eighty and Twenty Paise Only
15	Steel reinforcement for R.C.C. work including straightening, cutting,bending, placing in position and binding, cost of all labour, materials, tools, equipments etc. all complete. upto plinth level as per detailed specifications and directions of Engineer-in-charge	One Kilogram	8800	120.06	Rupees One Hundred Twenty and Six Paise Only	10,56,528.00	Rupees Ten Lakh Fifty Six Thousand Five Hundred Twenty Eight Only
16	Providing eurocone tile flooring over the existing concrete floor including levelling with 20mm thick cement mortar 1:4 including cost of all labour, materials, tools, equipments etc. complete as per directions of Engineer-in-charge all complete.	One Square Metre	2270	857.14	Rupees Eight Hundred Fifty Seven and Fourteen Paise Only	19,45,707.80	Rupees Nineteen Lakh Forty Five Thousand Seven Hundred Seven and Eighty Paise Only
17	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete for MS Manhole cover including cost of all labour, materials, tools, equipments etc. complete as per directions of Engineer-in-charge all complete.	One Kilogram	6200	148.84	Rupees One Hundred Forty Eight and Eighty Four Paise Only	9,22,808.00	Rupees Nine Lakh Twenty Two Thousand Eight Hundred Eight Only
18	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete for manhole cover including cost of all labour, materials, tools, equipments etc. complete as per directions of Engineer-in-charge all complete.	One Square Metre	340	269.12	Rupees Two Hundred Sixty Nine and Twelve Paise Only	91,500.80	Rupees Ninety One Thousand Five Hundred and Eighty Paise Only
19	Painting the kerb stones with synthetic enamel paint of approved brand and manufacture of required colour two coats to give an even shade including cost of all labour, materials, tools, equipments etc. complete as per directions of Engineer-in-charge all complete.	One Square Metre	1920	251.86	Rupees Two Hundred Fifty One and Eighty Six Paise Only	4,83,571.20	Rupees Four Lakh Eighty Three Thousand Five Hundred Seventy One and Twenty Paise Only
	<b>TOTAL PART D</b>					71,55,523.09	Rupees Seventy One Lakh Fifty Five Thousand Five Hundred Twenty Three and Nine Paise Only
	<b>Total for Phase-II (Part C + D)</b>					2,05,78,032.93	Rupees Two Crore Five Lakh Seventy Eight Thousand Thirty Two and Ninety Three Paise Only
	<b>TOTAL PHASE I + II</b>					3,69,02,534.87	Rupees Three Crore Sixty Nine Lakh Two Thousand Five Hundred Thirty Four and Eighty Seven Paise Only

BIDDER'S QUOTING AREA							
Sl. No.	Description of Work	Departmental Estimated Cost (Rs)	Percentage Quoted above/ below the Departmental Amount by the Bidder		Above/Below		
			* In Figures	*In Words			
	Perccentatge Quoted above / below the Departmental Amount shown in the above Schedule	3,69,02,534.87					
<b>* Note</b>							
<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 discrepancy in words and figures the quoted figure in word will prevail							