

## COCHIN PORT TRUST

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Tender No: T9/T-1915/2020-C Date: 19-03-2019 - PRICE BID

Name of Work : "DEVELOPING ADDITIONAL INFRASTRUCTURE FOR NEW COCHIN PORT CRUISE TERMINAL"

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

Please Enter the Bidder 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
<b>PART I-A - DEVELOPMENT OF PARKING AREA</b>							
1	Cutting and removing Coconut trees of various heights & girthd including disposal of debris at area pointed out by the Engineer-in- charge without damaging nearby buildings/ structures including cost of all labour, equipments, tools etc. complete as per directions of the Engineer-in-charge	10.00	Each	3,000.00	Rupees Three Thousand Only	30,000.00	Rupees Thirty Thousand Only
2a	Felling trees of the girth beyond 30 cm girth upto and including 60 cm girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots etc. complete including transporting and disposing off all tree parts within a distance of 6 km as per directions of the Engineer-in-charge.	15.00	Each	284.74	Rupees Two Hundred Eighty Four and Seventy Four Paise Only	4,271.10	Rupees Four Thousand Two Hundred Seventy One and Ten Paise Only
2b	Felling trees of the girth beyond 60 cm girth upto and including 120 cm girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots etc. complete including transporting and disposing off all tree parts within a distance of 6 km as per directions of the Engineer-in-charge.	22.00	Each	1,261.00	Rupees One Thousand Two Hundred Sixty One Only	27,742.00	Rupees Twenty Seven Thousand Seven Hundred Forty Two 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
2c	Felling trees of the girth beyond 240 cm girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots etc. complete including transporting and disposing off all tree parts within a distance of 6 km as per directions of the Engineer-in-charge.	4.00	Each	11,697.25	Rupees Eleven Thousand Six Hundred Ninety Seven and Twenty Five Paise Only	46,789.00	Rupees Forty Six Thousand Seven Hundred Eighty Nine Only
3	Cutting, sectioning and levelling the earth heaps, vegetation growth, waste materials etc. complete using JCB including cost of all labour, consumables etc. complete as per the direction of Engineer-in-Charge. (Payment will be on hourly basis based on the reading taken before the commencement of work and completion of work)	62.00	Hour	914.00	Rupees Nine Hundred Fourteen Only	56,668.00	Rupees Fifty Six Thousand Six Hundred Sixty Eight Only
4	Demolishing brick work in cement mortar manually/ mechanical means including stacking of servicable materials and disposal of the unservicable materials within a lead of 50m including cost of all labour, equipments, tools etc. complete as per detailed specifications and directions of the Engineer-in-charge.	62.00	One Cubic Metre	1,997.65	Rupees One Thousand Nine Hundred Ninety Seven and Sixty Five Paise Only	123,854.30	Rupees One Lakh Twenty Three Thousand Eight Hundred Fifty Four and Thirty Paise Only
5	Raising the low lying land area, to a level higher than the adjacent road level as per site conditions by filling with dredged material available at the western side of LNG terminal area at Puthuvypeen including loading, transporting from Puthuvypeen to the filling area near Vathruthy railway gate, dumping, dozing, levelling and compacting using vehicle movement and rolling the top surface with 8/10 tonne roller etc. complete as per drawings, detailed specifications and directions of the Engineer-in- Charge.	4,500.00	One Cubic Metre	352.00	Rupees Three Hundred Fifty Two Only	1,584,000.00	Rupees Fifteen Lakh Eighty Four Thousand 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	Filling with best quality laterite gravel brought from outside, to the required line and level including cost of all labour, material, loading, transporting, unloading, spreading, levelling, compacting with 8 to 10 tonne roller in layers etc. complete as per drawings, detailed specifications and directions of Engineer-in-charge.	2,200.00	One Cubic Metre	1,000.00	Rupees One Thousand Only	2,200,000.00	Rupees Twenty Two Lakh Only
7	Providing Wet Mix Macadam (WMM) by laying, spreading and compacting graded stone aggregate including premixing the material with water at OMC in mechanical mix plant, transporting, laying in uniform layers with paver over granular sub base course / base course and compacting with vibratory roller to achieve the desired density for laying interlocking paver blocks etc. complete as per drawings detailed specifications and directions of Engineer-in-Charge.	1,500.00	One Cubic Metre	3,589.77	Rupees Three Thousand Five Hundred Eighty Nine and Seventy Seven Paise Only	5,384,655.00	Rupees Fifty Three Lakh Eighty Four Thousand Six Hundred Fifty Five Only
8	Earthwork in excavation in all kinds of soil by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30cm in depth and 1.5m in width as well as 10 sq. m on plan) including dressing of sides and ramming of bottoms, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil within a lead of 50m as per the detailed specification and directions of the Engineer-in-Charge.	35.10	One Cubic Metre	247.14	Rupees Two Hundred Forty Seven and Fourteen Paise Only	8,674.61	Rupees Eight Thousand Six Hundred Seventy Four and Sixty One 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
9	Providing and laying in position cement concrete 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) grade properly mixed and consolidated with rammers, spreading, compacting, bailing out water, if required, cost and conveyance but excluding the cost of centering and shuttering for all work up to plinth level including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	12.10	One Cubic Metre	8,325.82	Rupees Eight Thousand Three Hundred Twenty Five and Eighty Two Paise Only	100,742.42	Rupees One Lakh Seven Hundred Forty Two and Forty Two Paise Only
10	Providing and laying in position cement concrete 1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) grade properly mixed and consolidated with rammers, spreading, compacting, bailing out water, if required, cost and conveyance but excluding the cost of centering and shuttering for all work up to plinth level including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	38.50	One Cubic Metre	11,625.91	Rupees Eleven Thousand Six Hundred Twenty Five and Ninety One Paise Only	447,597.54	Rupees Four Lakh Forty Seven Thousand Five Hundred Ninety Seven and Fifty Three Paise Only
11	Providing, fixing, centering and shuttering including strutting, propping etc. and removal of form for foundations, footings, bases of columns etc. complete as per drawings, detailed specifications and directions of the Engineer-in-Charge	390.00	One Square metre	387.12	Rupees Three Hundred Eighty Seven and Twelve Paise Only	150,976.80	Rupees One Lakh Fifty Thousand Nine Hundred Seventy Six and Eighty Paise Only
12	Supplying laying/ fixing good approved quality PVC pipes (Class 2) of 110mm dia with ISI mark buries / above ground level for drainage disposal including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	50.00	One metre	227.00	Rupees Two Hundred Twenty Seven Only	11,350.00	Rupees Eleven Thousand Three Hundred Fifty 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
13	Providing and laying factory made 100mm thick Cement Concrete paver blocks of M40 grade, thickness & size/ shape, made by table vibratory method , to attain superior smooth finish using PU or equivalent moulds, laid in required colour & pattern over 50mm thick compacted bed of 6mm coarse aggregate, compacting and proper embedding / laying of inter locking paver blocks into the 6mm coarse aggregate bedding layer through vibratory compaction by using plate vibrator, filling the joints with crusher sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand in drive ways or traffic parking including cost of all labour, materials, equipments etc. complete as per manufacturer's specifications/ detailed specifications& direction of Engineer -in-Charge	9,900.00	One Square metre	1,030.00	Rupees One Thousand Thirty Only	10,197,000.00	Rupees One Crore One Lakh Ninety Seven Thousand Only
14	Painting Road Kerbs & Traffic Islands with good approved quality Synthetic Enamel paint of White, Balck & Yellow in colour in two coats after g cleaning the surface by rubbing, wire brushing including cost of all labour, materials, tools etc. complete as per detailed specifications and directions of the Engineer-in-charge.	270.00	One Square metre	115.30	Rupees One Hundred Fifteen and Thirty Paise Only	31,131.00	Rupees Thirty One Thousand One Hundred Thirty One Only
15	Providing and fixing warning boards with 18 Gauge GI shett on 1" GI Square tube (16 gauge) frame (3' x 2' size) with post of 2" dia. GI pipe (16 gauge) 7 feet height, single side rame work including digital colour printed letters on Vinyl sheeting and fixing in position with PCC 1:2:4 (0.45m x 0.45m x 0.60m) painting two coats of Synthetic Enamel paint over a coat of Zinc Chromate primer including cost of all labour, materials, tools, equipments etc. complete as per directions of the Engineer-in-charge.	7.00	Each	5,970.00	Rupees Five Thousand Nine Hundred Seventy Only	41,790.00	Rupees Forty One Thousand Seven Hundred Ninety 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
16	Demolishing stone / rubble masonry in cement mortar manually/ mechanical means including stacking of servicable materials and disposal of the unservicable materials within a lead of 50m including cost of all labour, equipments, tools etc. complete as per detailed specificatins and directions of the Engineer-in-charge	17.00	One Cubic Metre	2,384.16	Rupees Two Thousand Three Hundred Eighty Four and Sixteen Paise Only	40,530.72	Rupees Forty Thousand Five Hundred Thirty and Seventy Two Paise Only
17	Demolishing Cement Concrete in cement mortar manually/ mechanical means including stacking of servicable materials and disposal of the unservicable materials within a lead of 50m including cost of all labour, equipments, tools etc. complete as per detailed specificatins and directions of the Engineer-in-charge	6.00	One Cubic Metre	2,361.26	Rupees Two Thousand Three Hundred Sixty One and Twenty Six Paise Only	14,167.56	Rupees Fourteen Thousand One Hundred Sixty Seven and Fifty Six Paise Only
18	Disposal of building rubbish/ malba/ similar unservicable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved Municipal dumping ground or as approved by the Engineer-in-Charge including cost of all labour, vehicle, consumables etc. complete as per directions of the Engineer-in-charge.	150.00	One Cubic Metre	188.70	Rupees One Hundred Eighty Eight and Seventy Paise Only	28,305.00	Rupees Twenty Eight Thousand Three Hundred Five Only
19	Providing, fixing, centering and shuttering including strutting, propping etc. and removal of form for foundations, footings, bases of columns etc. complete as per drawings, detailed specifications and directions of the Engineer-in-Charge	106.00	One Square metre	387.12	Rupees Three Hundred Eighty Seven and Twelve Paise Only	41,034.72	Rupees Forty One Thousand Thirty Four and Seventy Two 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
20	Providing and laying in position cement concrete 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) grade properly mixed and consolidated with rammers, spreading, compacting, bailing out water, if required, cost and conveyance but excluding the cost of centering and shuttering for all work up to plinth level including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	15.00	One Cubic Metre	8,325.82	Rupees Eight Thousand Three Hundred Twenty Five and Eighty Two Paise Only	124,887.30	Rupees One Lakh Twenty Four Thousand Eight Hundred Eighty Seven and Thirty Paise Only
21	Providing and laying in position Reinforced Cement Concrete of grade 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) for all works up to plinth level, excluding the cost of centering, shuttering and reinforcement work but including admixtures in recommended proportion (as per IS : 9103) to accelerate, retard setting of concrete to improve workability without impairing strength and durability, levelling, compacting, curing, fixing in position, cost and conveyance of all materials, labour etc. complete as per drawing, detailed specifications and directions of the Engineer-in-Charge.	13.00	One Cubic Metre	9,018.84	Rupees Nine Thousand Eighteen and Eighty Four Paise Only	117,244.92	Rupees One Lakh Seventeen Thousand Two Hundred Forty Four and Ninety Two 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
22	Providing precast Reinforced Cement Concrete of grade 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) for cover slab of drain, excluding the cost of reinforcement work but including centering, shuttering admixtures in recommended proportion (as per IS : 9103) to accelerate, retard setting of concrete to improve workability without impairing strength and durability, levelling, compacting, curing, fixing in position, cost and conveyance of all materials, labour etc. complete as per drawing, detailed specifications and directions of the Engineer-in-Charge.	15.00	One Cubic Metre	9,526.78	Rupees Nine Thousand Five Hundred Twenty Six and Seventy Eight Paise Only	142,901.70	Rupees One Lakh Forty Two Thousand Nine Hundred One and Seventy Paise Only
23	Providing and placing in position reinforcement using Thermo-Mechanically Treated bars of grade Fe-500D bars for all RCC items including straightening, cutting, bending, placing in position and binding with 16 gauge GI binding wire, providing cover blocks etc. complete including cost, conveyance, lead, lift of all materials as per drawings, detailed specifications and directions of the Engineer-in-Charge.	4,400.00	One Kilogram	111.58	Rupees One Hundred Eleven and Fifty Eight Paise Only	490,952.00	Rupees Four Lakh Ninety Thousand Nine Hundred Fifty Two Only
24	Providing 12 mm thick plastering with cement mortar 1:4 (1 cement : 4 sand) for walls trowelled hard, finishing smooth including curing, cost and conveyance of all materials, labour charges, scaffolding etc. complete as per detailed specifications and directions of the Engineer-in-Charge.	13.00	One Square metre	362.66	Rupees Three Hundred Sixty Two and Sixty Six Paise Only	4,714.58	Rupees Four Thousand Seven Hundred Fourteen and Fifty Eight Paise Only
	TOTAL PART-I-A					21,451,980.27	Rupees Two Crore Fourteen Lakh Fifty One Thousand Nine Hundred Eighty and Twenty Seven 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
<b>PART I-B- CONSTRUCTION OF COMPOUND WALL AT PARKING AREA</b>							
1	Demolishing brick work in cement mortar manually/ mechanical means including stacking of servicable materials and disposal of the unservicable materials within a lead of 50m including cost of all labour, equipments, tools etc. complete as per detailed specifications and directions of the Engineer-in-charge.	86.00	One Cubic Metre	1,997.65	Rupees One Thousand Nine Hundred Ninety Seven and Sixty Five Paise Only	171,797.90	Rupees One Lakh Seventy One Thousand Seven Hundred Ninety Seven and Ninety Paise Only
2	Earthwork in excavation in all kinds of soil by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30cm in depth and 1.5m in width as well as 10 sq. m on plan) including dressing of sides and ramming of bottoms, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil within a lead of 50m as per the detailed specification and directions of the Engineer-in-Charge.	353.00	One Cubic Metre	247.14	Rupees Two Hundred Forty Seven and Fourteen Paise Only	87,240.42	Rupees Eighty Seven Thousand Two Hundred Forty and Forty Two Paise Only
3	Providing and laying in position cement concrete 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) grade properly mixed and consolidated with rammers, spreading, compacting, bailing out water, if required, cost and conveyance but excluding the cost of centering and shuttering for all work up to plinth level including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	44.00	One Cubic Metre	8,325.82	Rupees Eight Thousand Three Hundred Twenty Five and Eighty Two Paise Only	366,336.08	Rupees Three Lakh Sixty Six Thousand Three Hundred Thirty Six and Eight 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 laying in position Reinforced Cement Concrete of grade 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) for all works up to plinth level, excluding the cost of centering, shuttering and reinforcement work but including admixtures in recommended proportion (as per IS : 9103) to accelerate, retard setting of concrete to improve workability without impairing strength and durability, levelling, compacting, curing, fixing in position, cost and conveyance of all materials, labour etc. complete as per drawing, detailed specifications and directions of the Engineer-in-Charge.	65.00	One Cubic Metre	10,489.41	Rupees Ten Thousand Four Hundred Eighty Nine and Forty One Paise Only	681,811.65	Rupees Six Lakh Eighty One Thousand Eight Hundred Eleven and Sixty Five Paise Only
5	Providing and laying in position Cement Concrete of grade 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) for all works up to plinth level, excluding the cost of centering, shuttering but including admixtures in recommended proportion (as per IS : 9103) to accelerate, retard setting of concrete to improve workability without impairing strength and durability, levelling, compacting, curing, fixing in position, cost and conveyance of all materials, labour etc. complete as per drawing, detailed specifications and directions of the Engineer-in-Charge.	195.00	One Cubic Metre	9,799.42	Rupees Nine Thousand Seven Hundred Ninety Nine and Forty Two Paise Only	1,910,886.90	Rupees Nineteen Lakh Ten Thousand Eight Hundred Eighty Six and Ninety Paise Only
6	Providing and laying solid block masonry with 1:2:4 grade precast solid blocks (factory made) of size 300mm x200mm x200 mm or nearest available size of approved quality confirming to IS : 2185 Part I of 1979 in CM 1:3 (1 cement : 3 coarse sand) including cost of scaffolding, raking out of joints, curing, cost and conveyance of all materials, labour, lead, lift, etc. complete as per drawings, detailed specifications and directions of the Engineer-in-Charge	146.00	One Cubic Metre	19,354.15	Rupees Nineteen Thousand Three Hundred Fifty Four and Fifteen Paise Only	2,825,705.90	Rupees Twenty Eight Lakh Twenty Five Thousand Seven Hundred Five and Ninety 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
7	Providing and fixing Stainless Steel Square Hollow Tube of size 40mm x 40mm x 1.50mm shell thickness for railings in 5 rows in the dwarf wall between pillars including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	4,500.00	One Kilogram	450.00	Rupees Four Hundred Fifty Only	2,025,000.00	Rupees Twenty Lakh Twenty Five Thousand Only
8	Providing and laying in position Reinforced Cement Concrete of grade 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) for all works up to plinth level, excluding the cost of centering, shuttering and reinforcement work but including admixtures in recommended proportion (as per IS : 9103) to accelerate, retard setting of concrete to improve workability without impairing strength and durability, levelling, compacting, curing, fixing in position, cost and conveyance of all materials, labour etc. complete as per drawing, detailed specifications and directions of the Engineer-in-Charge.	6.00	One Cubic Metre	10,489.41	Rupees Ten Thousand Four Hundred Eighty Nine and Forty One Paise Only	62,936.46	Rupees Sixty Two Thousand Nine Hundred Thirty Six and Forty Six Paise Only
9	providing and laying Reinforced Cement Concrete of grade 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) in walls of any thickness, including attached pilasters, buttresses, plinth and string course, fillets, columns, pillars, piers, abutments, posts & struts etc. above plinth level including levelling, compacting, curing, fixing in position, cost and conveyance of all materials, labour etc. complete as per drawing, detailed specifications and directions of the Engineer-in-Charge.	3.15	One Cubic Metre	12,647.23	Rupees Twelve Thousand Six Hundred Forty Seven and Twenty Three Paise Only	39,838.77	Rupees Thirty Nine Thousand Eight Hundred Thirty Eight and Seventy Seven 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
10	Providing and placing in position reinforcement using Thermo-Mechanically Treated bars of grade Fe-500D bars for all RCC items including straightening, cutting, bending, placing in position and binding with 16 gauge GI binding wire, providing cover blocks etc. complete including cost, conveyance, lead, lift of all materials as per drawings, detailed specifications and directions of the Engineer-in-Charge.	11,100.00	One Kilogram	113.48	Rupees One Hundred Thirteen and Forty Eight Paise Only	1,259,628.00	Rupees Twelve Lakh Fifty Nine Thousand Six Hundred Twenty Eight Only
11	Providing, fixing, centering and shuttering including strutting, propping etc. and removal of form for foundations, footings, bases of columns etc. complete as per drawings, detailed specifications and directions of the Engineer-in-Charge	945.00	One Square metre	387.12	Rupees Three Hundred Eighty Seven and Twelve Paise Only	365,828.40	Rupees Three Lakh Sixty Five Thousand Eight Hundred Twenty Eight and Forty Paise Only
12	Providing 20mm thick plaster beading on the top face of dwarf wall with cement mortar 1:4 (1 Cement : 4 sand) trowelled hard including scaffolding, curing, all labour, materials, tools etc. complete as per detailed specifications and directions of the Engineer-in-charge.	2,475.00	One Square metre	492.38	Rupees Four Hundred Ninety Two and Thirty Eight Paise Only	1,218,640.50	Rupees Twelve Lakh Eighteen Thousand Six Hundred Forty and Fifty Paise Only
13	Providing 12 mm thick plastering with cement mortar 1:4 (1 cement : 4 sand) for walls trowelled hard, finishing smooth including curing, cost and conveyance of all materials, labour charges, scaffolding etc. complete as per detailed specifications and directions of the Engineer-in-Charge.	1,815.00	One Square metre	308.98	Rupees Three Hundred Eight and Ninety Eight Paise Only	560,798.70	Rupees Five Lakh Sixty Thousand Seven Hundred Ninety Eight and Seventy Paise Only
14	Fabricating and fixing in position Stainless Steel main gate (Sliding type) of size and design as approved by the Engineer-in-charge, including providing suitable size SS tower bolt and aldrops, providing guide rails, including cost of all materials, labour, etc. complete as per drawing, detailed specifications and directions of the Engineer-in-Charge.	750.00	One Kilogram	450.00	Rupees Four Hundred Fifty Only	337,500.00	Rupees Three Lakh Thirty Seven Thousand Five Hundred Only

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15	Providing and applying Acrylic emulsion smooth exterior finish paint (Weather coat by Berger or Nerolac Excel or Weather shield by ICI Dulux or Snowcyl XT-premium by Snowcem India Ltd.) in two coats over one coat of primer for outside walls to give a smooth and even shade including scaffolding, topping of all holes and depressions, cleaning with sand paper etc. complete as per detailed specifications and directions of the Engineer-in-Charge.	1,815.00	One Square metre	219.00	Rupees Two Hundred Nineteen Only	397,485.00	Rupees Three Lakh Ninety Seven Thousand Four Hundred Eighty Five Only
16	Disposal of building rubbish/ malba/ similar unservicable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved Municipal dumping ground or as approved by the Engineer-in-Charge including cost of all labour, vehicle, consumables etc. complete as per directions of the Engineer-in-charge.	465.00	One Cubic Metre	188.70	Rupees One Hundred Eighty Eight and Seventy Paise Only	87,745.50	Rupees Eighty Seven Thousand Seven Hundred Forty Five and Fifty Paise Only
	TOTAL PART-I-B					12,399,180.18	Rupees One Crore Twenty Three Lakh Ninety Nine Thousand One Hundred Eighty and Eighteen Paise Only
<b>PART I-C- CONSTRUCTION OF TOILET AT PARKING AREA</b>							
1	Earthwork in excavation in all kinds of soil by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30cm in depth and 1.5m in width as well as 10 sq. m on plan) including dressing of sides and ramming of bottoms, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil within a lead of 50m as per the detailed specification and directions of the Engineer-in-Charge.	13.00	One Cubic Metre	247.14	Rupees Two Hundred Forty Seven and Fourteen Paise Only	3,212.82	Rupees Three Thousand Two Hundred Twelve and Eighty Two 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 in position cement concrete 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) grade properly mixed and consolidated with rammers, spreading, compacting, bailing out water, if required, cost and conveyance but excluding the cost of centering and shuttering for all work up to plinth level including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	3.00	One Cubic Metre	8,325.82	Rupees Eight Thousand Three Hundred Twenty Five and Eighty Two Paise Only	24,977.46	Rupees Twenty Four Thousand Nine Hundred Seventy Seven and Forty Six Paise Only
3	Providing and laying solid block masonry with 1:2:4 grade precast solid blocks (factory made) of size 300mm x200mm x200 mm or nearest available size of approved quality confirming to IS : 2185 Part I of 1979 in CM 1:3 (1 cement : 3 coarse sand) including cost of scaffolding, raking out of joints, curing, cost and conveyance of all materials, labour, lead, lift, etc. complete as per drawings, detailed specifications and directions of the Engineer-in-Charge	13.00	One Cubic Metre	19,354.15	Rupees Nineteen Thousand Three Hundred Fifty Four and Fifteen Paise Only	251,603.95	Rupees Two Lakh Fifty One Thousand Six Hundred Three and Ninety Five Paise Only
4	Providing and laying in position Reinforced Cement Concrete of grade 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) for all works up to plinth level, excluding the cost of centering, shuttering and reinforcement work but including admixtures in recommended proportion (as per IS : 9103) to accelerate, retard setting of concrete to improve workability without impairing strength and durability, levelling, compacting, curing, fixing in position, cost and conveyance of all materials, labour etc. complete as per drawing, detailed specifications and directions of the Engineer-in-Charge.	1.50	One Cubic Metre	9,018.84	Rupees Nine Thousand Eighteen and Eighty Four Paise Only	13,528.26	Rupees Thirteen Thousand Five Hundred Twenty Eight and Twenty Six 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
5	Providing and laying solid block masonry with 1:2:4 grade precast solid blocks (factory made) of size 300mm x200mm x200 mm or nearest available size of approved quality confirming to IS : 2185 Part I of 1979 in CM 1:3 (1 cement : 3 coarse sand) including cost of scaffolding, raking out of joints, curing, cost and conveyance of all materials, labour, lead, lift, etc. complete as per drawings, detailed specifications and directions of the Engineer-in-Charge	11.00	One Cubic Metre	19,354.15	Rupees Nineteen Thousand Three Hundred Fifty Four and Fifteen Paise Only	212,895.65	Rupees Two Lakh Twelve Thousand Eight Hundred Ninety Five and Sixty Five Paise Only
6	Providing Reinforced Cement Concrete work in beams, suspended floors, roofs having slope to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, stair cases and spiral staircases, up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement but including levelling, compacting, curing, fixing in position, cost and conveyance of all materials, labour etc. complete as per drawing, detailed specifications and directions of the Engineer-in-Charge.	2.00	One Cubic Metre	13,269.40	Rupees Thirteen Thousand Two Hundred Sixty Nine and Forty Paise Only	26,538.80	Rupees Twenty Six Thousand Five Hundred Thirty Eight and Eighty Paise Only
7	Providing Reinforced Cement Concrete work in arches, arch ribs, domes, vaults, shells, folded plate and roofs having slope more than 15°, up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement but including levelling, compacting, curing, fixing in position, cost and conveyance of all materials, labour etc. complete as per drawing, detailed specifications and directions of the Engineer-in-Charge.	2.50	One Cubic Metre	13,983.16	Rupees Thirteen Thousand Nine Hundred Eighty Three and Sixteen Paise Only	34,957.90	Rupees Thirty Four Thousand Nine Hundred Fifty Seven and Ninety 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	Providing, fixing, centering and shuttering including strutting, propping etc. and removal of form for foundations, footings, bases of columns etc. complete as per drawings, detailed specifications and directions of the Engineer-in-Charge	50.00	One Square metre	387.12	Rupees Three Hundred Eighty Seven and Twelve Paise Only	19,356.00	Rupees Nineteen Thousand Three Hundred Fifty Six Only
9	Providing and placing in position reinforcement using Thermo-Mechanically Treated bars of grade Fe-500D bars for all RCC items including straightening, cutting, bending, placing in position and binding with 16 gauge GI binding wire, providing cover blocks etc. complete including cost, conveyance, lead, lift of all materials as per drawings, detailed specifications and directions of the Engineer-in-Charge.	675.00	One Kilogram	113.48	Rupees One Hundred Thirteen and Forty Eight Paise Only	76,599.00	Rupees Seventy Six Thousand Five Hundred Ninety Nine Only
10	Providing and filling inside the basement with 6mm metal mixed with quarry dust in layers of 10 cm consolidated thickness, including consolidating by ramming, watering, cost of all labour, materials, equipments etc. complete as per directions of the Engineer in charge.	7.00	One Cubic Metre	2,882.00	Rupees Two Thousand Eight Hundred Eighty Two Only	20,174.00	Rupees Twenty Thousand One Hundred Seventy Four Only
11	Providing and laying plain cement concrete of 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size) properly mixed and consolidated with hand rammers, including cost and conveyance of all materials, labour, preparing bed, compacting, curing, lead lift etc. complete for flooring as per drawings, detailed specifications and directions of the Engineer-in-Charge.	14.00	One Square metre	480.00	Rupees Four Hundred Eighty Only	6,720.00	Rupees Six Thousand Seven Hundred Twenty Only
12	Providing 12 mm thick plastering with cement mortar 1:4 (1 cement : 4 sand) for walls trowelled hard, finishing smooth including curing, cost and conveyance of all materials, labour charges, scaffolding etc. complete as per detailed specifications and directions of the Engineer-in-Charge.	90.00	One Square metre	362.66	Rupees Three Hundred Sixty Two and Sixty Six Paise Only	32,639.40	Rupees Thirty Two Thousand Six Hundred Thirty Nine 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
13	Providing 6 mm thick plastering with cement mortar 1:3 (1 cement : 3 sand) trowelled hard, finishing smooth including curing, cost and conveyance of all materials, labour charges, scaffolding etc. complete as per detailed specifications and directions of the Engineer-in-Charge.	72.00	One Square metre	308.98	Rupees Three Hundred Eight and Ninety Eight Paise Only	22,246.56	Rupees Twenty Two Thousand Two Hundred Forty Six and Fifty Six Paise Only
14	Providing and laying rectified Glazed Ceramic floor tiles 300x300mm or more (Thickness to be specified by the manufactures) of 1st quality approved by the Engineer-in-charge confirming to IS : 15622, of approved make, in colours White, Ivory, Fume Red Brown laid on 20mm thickness Cement Mortar bed of 1:4 (1 Cement : 4 sand) filling the joints with white cement mixed with suitable colour joint filler including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	16.00	One Square metre	1,479.18	Rupees One Thousand Four Hundred Seventy Nine and Eighteen Paise Only	23,666.88	Rupees Twenty Three Thousand Six Hundred Sixty Six and Eighty Eight Paise Only
15	Providing dadoing with 1st quality ceramic glazed wall tiles of approved shades matching with the flooring, make of johnson or khajaria or asian or somany or orient bell of size not less than 300x 200mm as approved by Engineer-In-charge in dados over 12mm thick bed floor cement mortar 1:3 and fixing tiles in cement slurry including grouting finishing the joints with tile jointing powder of same color, cleaning etc. complete as per detailed specifications and the directions of Engineer-in-Charge.	36.00	One Square metre	1,400.22	Rupees One Thousand Four Hundred and Twenty Two Paise Only	50,407.92	Rupees Fifty Thousand Four Hundred Seven and Ninety Two 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
16	Providing and fixing Fiber Glass Reinforced plastic (FRP) Door Frames of cross-section 90 mm x 45 mm of approved colour, design and pattern having single rebate of 32 mm x 15 mm to receive shutter of 30 mm thickness as per detailed specifications and directions of Engineer-in-charge. The laminate shall be moulded with fire resistant grade unsaturated polyester resin and chopped mat . Door frame laminate shall be 2 mm thick and shall be filled with suitable wooden block in all the three legs. The frame shall be covered with fiber glass from all sides. M.S. stay shall be provided at the bottom to steady the frame etc. complete as per drawings, detailed specifications and directions of Engineer-in-Charge.	15.00	One metre	923.94	Rupees Nine Hundred Twenty Three and Ninety Four Paise Only	13,859.10	Rupees Thirteen Thousand Eight Hundred Fifty Nine and Ten Paise Only
17	Providing and fixing approved 30 mm thick Fiberglass Reinforced Plastic (F.R.P.) flush door shutter in different plain and wood finish made with fire retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate all around, with suitable wooden blocks inside at required places for fixing of fittings and polyurethane foam (PUF)/ Polystyrene foam to be used as filler material throughout the hollow panel, casted monolithically with testing parameters of F.R.P. laminate conforming to table-3 of IS: 14856, complete as per drawings, detailed specifications and direction of Engineer-in-charge.	5.00	One Square metre	4,709.14	Rupees Four Thousand Seven Hundred Nine and Fourteen Paise Only	23,545.70	Rupees Twenty Three Thousand Five Hundred Forty Five and Seventy 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
18	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : For fixed portion with Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15) including cost of all labour, materials, tools, equipments etc. complete as per directions of the Engineer-in-charge.	50.00	One Kilogram	576.16	Rupees Five Hundred Seventy Six and Sixteen Paise Only	28,808.00	Rupees Twenty Eight Thousand Eight Hundred Eight Only
19	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the directions of Engineer-in-charge with float glass panes of 5.50 mm thickness including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	2.00	One Square metre	1,761.86	Rupees One Thousand Seven Hundred Sixty One and Eighty Six Paise Only	3,523.72	Rupees Three Thousand Five Hundred Twenty Three and Seventy Two 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
20	Supplying and fixing PVC floor traps 110mm dia. with 50mm deep seal and 63mm/75mm out let with cement concrete around using 20mm broken stones including cutting opening through masonry walls, concrete etc. making good the same providing and fixing Chromium plated brass gratings of approved make on top of trap etc. complete including cost and conveyance of all materials, labour charges, etc. complete as per detailed specifications and directions of the Engineer-in-Charge.	4.00	Each	200.00	Rupees Two Hundred Only	800.00	Rupees Eight Hundred Only
21	Supplying laying/ fixing good approved quality PVC pipes (Class 2) of 63mm dia with ISI mark buries / above ground level for drainage disposal including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	30.00	One metre	118.70	Rupees One Hundred Eighteen and Seventy Paise Only	3,561.00	Rupees Three Thousand Five Hundred Sixty One Only
22	Supplying laying/ fixing good approved quality PVC pipes (Class 2) of 110mm dia with ISI mark buries / above ground level for drainage disposal including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	30.00	One metre	227.00	Rupees Two Hundred Twenty Seven Only	6,810.00	Rupees Six Thousand Eight Hundred Ten Only
23	Supplying laying and joining PVC pipes with ISI marks 32mm dia. For water supply including cost of all labour, materials, tools, cutting and making good the wall/ floor etc. complete as per detailed specifications and directions of the Engineer In Charge.	40.00	One metre	66.20	Rupees Sixty Six and Twenty Paise Only	2,648.00	Rupees Two Thousand Six Hundred Forty Eight Only
24	Supplying laying and joining PVC pipes with ISI marks 25mm dia. For water supply including cost of all labour, materials, tools, cutting and making good the wall/ floor etc. complete as per detailed specifications and directions of the Engineer In Charge.	20.00	One metre	53.30	Rupees Fifty Three and Thirty Paise Only	1,066.00	Rupees One Thousand Sixty 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
25	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan with ISI marked) with white solid plastic seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required etc. complete, including cost and conveyance of all materials, labour charges, lead, lift etc. complete as per detailed specifications and directions of the Engineer-in-Charge.	2.00	Each	6,986.21	Rupees Six Thousand Nine Hundred Eighty Six and Twenty One Paise Only	13,972.42	Rupees Thirteen Thousand Nine Hundred Seventy Two and Forty Two Paise Only
26	Providing and fixing stone slab (Granite Stone of approved shade) with table rubbed, edges rounded and polished, of size 75x50 cm deep and 1.8 cm thick, fixed in urinal partitions by cutting a chase of appropriate width with chase cutter and embedding the stone in the chase with epoxy grout or with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 6 mm nominal size) including cost of all labour, materials, tools etc. complete as per direction of Engineer-in-charge and finished smooth.	4.00	Each	4,371.90	Rupees Four Thousand Three Hundred Seventy One and Ninety Paise Only	17,487.60	Rupees Seventeen Thousand Four Hundred Eighty Seven and Sixty Paise Only
27	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm or 340x410x265 mm sizes respectively including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer In Charge.	4.00	Each	6,771.08	Rupees Six Thousand Seven Hundred Seventy One and Eight Paise Only	27,084.32	Rupees Twenty Seven Thousand Eighty Four and Thirty Two 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
28	Providing and fixing White Vitreous China Flat back wash basin 550x 400 mm size of approved make on galvanised iron rag bolts with 15 mm C.P. brass pillar tap, C.P. waste coupling 32mm or nearest available size PVC waste down pipe (all of approved make), heavy type 15 mm PVC connections with nuts and washers at both ends, 12mm brass valve including cutting and making good walls etc. complete, including cost and conveyance of all materials, labour charges, lead, lift etc. complete as per detailed specifications and directions of the Engineer-in-Charge.	2.00	Each	3,411.80	Rupees Three Thousand Four Hundred Eleven and Eighty Paise Only	6,823.60	Rupees Six Thousand Eight Hundred Twenty Three and Sixty Paise Only
29	Supplying and fixing good quality Health faucets of Parryware T9940 A1 Slimline with SS Hose & Hooks or approved equivalent make including cost of all labour, materials, tools etc. complete as per directions of the Engineer-in-charge.	2.00	Each	676.50	Rupees Six Hundred Seventy Six and Fifty Paise Only	1,353.00	Rupees One Thousand Three Hundred Fifty Three Only
30	Providing and fixing Brass Stop cock of approved brand, quality and make 15 mm NB including cost of materials, conveyance of all materials, labour charges, lead, lift etc. complete as per the directions of the Engineer-in-Charge.	10.00	Each	411.18	Rupees Four Hundred Eleven and Eighteen Paise Only	4,111.80	Rupees Four Thousand One Hundred Eleven and Eighty Paise Only
31	Providing and fixing CP brass long body bib cock of approved brand, quality and make conforming to IS standards and weight not less than 690gms. 15 mm NB including cost of materials, conveyance of all materials, labour charges, lead, lift etc. complete as per the directions of the Engineer-in-Charge.	3.00	Each	750.67	Rupees Seven Hundred Fifty and Sixty Seven Paise Only	2,252.01	Rupees Two Thousand Two Hundred Fifty Two and One Paise Only
32	Providing and laying approved quality and make Mangalore pattern roofing tiles of size 215x150mm or nearest available size including its ridge tiles over RCC sloped slabs set in cement mortar 1:4 (1cement : 4 sand) mixed with 2% integral water proofing compound, laid over a bed of 20mm thick over roof slab including finishing the joints with coloured cement etc. complete as per drawings, detailed specifications and directions of the Engineer-in-charge.	24.00	One Square metre	670.70	Rupees Six Hundred Seventy and Seventy Paise Only	16,096.80	Rupees Sixteen Thousand Ninety Six 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
33	Applying priming coats with water thinnable cement primer on wall surface having VOC content less than 50 grams/litre with primer of approved brand and manufacture including cost of all labour, materials, tools etc. complete as per detailed specifications and directions of the Engineer In Charge.	55.00	One Square metre	81.54	Rupees Eighty One and Fifty Four Paise Only	4,484.70	Rupees Four Thousand Four Hundred Eighty Four and Seventy Paise Only
34	Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound ) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour. Two coats as per detailed specifications and directions of Engineer-In-Charge.	55.00	One Square metre	145.15	Rupees One Hundred Forty Five and Fifteen Paise Only	7,983.25	Rupees Seven Thousand Nine Hundred Eighty Three and Twenty Five Paise Only
35	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade for New work (Two or more coats applied @ 1.43 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm) including cleaning the surface cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	106.00	One Square metre	219.00	Rupees Two Hundred Nineteen Only	23,214.00	Rupees Twenty Three Thousand Two Hundred Fourteen 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
36	Constructing brick masonry manhole in cement mortar 1:4 ( 1 cement : 4 coarse sand) with R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand (zone- III) : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand (zone- III) : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design. Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 including cost of all labour, materials, tools etc. complete as per detailed specifications and directions of the Engineer-in-charge.	3.00	Each	14,820.40	Rupees Fourteen Thousand Eight Hundred Twenty and Forty Paise Only	44,461.20	Rupees Forty Four Thousand Four Hundred Sixty One and Twenty Paise Only
37	Providing and fixing PTMT 600 mm long towel rail with total length of 645 mm weighing not less than 190 gms with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality and colour etc. complete, including cost and conveyance of all materials, labour charges, lead, lift etc. complete as per detailed specifications and directions of the Engineer-in-Charge.	3.00	Each	809.30	Rupees Eight Hundred Nine and Thirty Paise Only	2,427.90	Rupees Two Thousand Four Hundred Twenty Seven and Ninety Paise Only
38	Providing and fixing Rectangular shape 453x357 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers etc. complete, including cost and conveyance of all materials, labour charges, lead, lift etc. complete as per detailed specifications and directions of the Engineer-in-Charge.	2.00	Each	1,522.46	Rupees One Thousand Five Hundred Twenty Two and Forty Six Paise Only	3,044.92	Rupees Three Thousand Forty Four and Ninety Two 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
39	Fabricating, supplying and installing 2 Cubic Metre capacity DRDO Technology Fibre reinforced Plastic Bio-Digesters with 30% AMI (Anaerobic Microbial Inoculum Bacteria) including transportation, excavation, backfilling, installation charges, all pipes, fittings etc. complete as per the directions of the Engineer in charge.	1.00	Each	150,000.00	Rupees One Lakh Fifty Thousand Only	150,000.00	Rupees One Lakh Fifty Thousand Only
	TOTAL PART-I-C					1,228,943.64	Rupees Twelve Lakh Twenty Eight Thousand Nine Hundred Forty Three and Sixty Four Paise Only
<b>PART I-D- PROVIDING WATER SUPPLY ARRANGEMENTS AT PARKING AREA</b>							
1	Cutting through hard surfaced area/ road surface as per detailed specifications and directions of Engineer-in-Charge.	20.10	One Cubic Metre	1,237.50	Rupees One Thousand Two Hundred Thirty Seven and Fifty Paise Only	24,873.75	Rupees Twenty Four Thousand Eight Hundred Seventy Three and Seventy Five Paise Only
2	Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5 m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m : All kinds of soil for Pipes, cables etc, not exceeding 80 mm dia.	210.00	One Cubic Metre	303.07	Rupees Three Hundred Three and Seven Paise Only	63,644.70	Rupees Sixty Three Thousand Six Hundred Forty Four and Seventy Paise Only
3	Supplying and erection of RCC precast water tank of size 130cm dia. 2500mm length and 60mm wall thickness or nearest available size and capacity not less than 3000 Litres including supplying, transporting loading & unloading, erection in position, cost of all labour, materials, tools, equipments etc. complete as per the directions of the Engineer-in-charge.	1.00	Each	40,000.00	Rupees Forty Thousand Only	40,000.00	Rupees Forty Thousand 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	Supplying and installing 500 Ltr capacity Genuine plastic HDPE double layer water tanks of Sintex or approved equivalent brand with ISI mark including cost of all fittings, lid, conveyance, fixing in position, all labour, materials etc. complete as per directions of the Engineer-in-charge	2.00	Each	5,000.00	Rupees Five Thousand Only	10,000.00	Rupees Ten Thousand Only
5	Supplying, laying, and jointing Schedule 40 UPVC ASTM pipe 65mm dia. and Schedule 80 ASTM-UPVC specials of approved make such as tees elbows, unions, bends, sockets bends, flanges, reducers, end caps, saddles, plugs, coupling, etc. including cost of all jointing materials like solvent cement, bolts, nuts, rubber washers, ferrule, pipe supports, cost of extra wastage of fittings during laying of pipe line such as rectification and recharging of the existing line as and when required etc., hire of tools and plant, cost and conveyance of water for testing after connecting to mains including all testing pipe line to the specified hydrostatic test pressure, rectifying any leakage or defects etc. complete. for water supply for external works below ground level as per drainings, detailed specifications and directions of the Engineer-in-Charge	210.00	One metre	509.10	Rupees Five Hundred Nine and Ten Paise Only	106,911.00	Rupees One Lakh Six Thousand Nine Hundred Eleven 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	Supplying, laying, and jointing Schedule 40 UPVC ASTM pipe 40mm dia. and Schedule 80 ASTM-UPVC specials of approved make such as tees elbows, unions, bends, sockets bends, flanges, reducers, end caps, saddles, plugs, coupling, etc. including cost of all jointing materials like solvent cement, bolts, nuts, rubber washers, ferrule, pipe supports, cost of extra wastage of fittings during laying of pipe line such as rectification and recharging of the existing line as and when required etc., hire of tools and plant, cost and conveyance of water for testing after connecting to mains including all testing pipe line to the specified hydrostatic test pressure, rectifying any leakage or defects etc. complete. for water supply for external works below ground level as per drainings, detailed specifications and directions of the Engineer-in-Charge	15.00	One metre	304.70	Rupees Three Hundred Four and Seventy Paise Only	4,570.50	Rupees Four Thousand Five Hundred Seventy and Fifty Paise Only
	TOTAL PART-I-D					249,999.95	
<b>PART I-E- ELECTRICAL WORK AT PARKING AREA</b>							
1	Supply of decorative light pole of height 5 metre made out of GI pipe as per IS 1116 and as per annexure.	16.00	One number	25,700.00	Rupees Twenty Five Thousand Seven Hundred Only	411,200.00	Rupees Four Lakh Eleven Thousand Two Hundred Only
2	Supply of decorative light pole of height 3 metre made out of GI pipe as per IS 1116 and as per annexure.	16.00	One number	15,650.00	Rupees Fifteen Thousand Six Hundred Fifty Only	250,400.00	Rupees Two Lakh Fifty Thousand Four Hundred Only
3	Supply of integral type post top luminary suitable for providing 60 W LED lamp with driver and LED lamp etc. as per annexure	16.00	One number	8,500.00	Rupees Eight Thousand Five Hundred Only	136,000.00	Rupees One Lakh Thirty Six Thousand Only
4	Supply of integral type post top luminary suitable for providing 40 W LED lamp with driver and LED lamp etc. as per annexure	16.00	One number	7,500.00	Rupees Seven Thousand Five Hundred Only	120,000.00	Rupees One Lakh Twenty Thousand 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	Supply of materials for providing foundation, footing etc for the poles mentioned in item No.1 & 2 as per annexure	32.00	One number	2,100.00	Rupees Two Thousand One Hundred Only	67,200.00	Rupees Sixty Seven Thousand Two Hundred Only
6	Supply of Outdoor type cable Junction boxes (IP65) made of Polycarbonate material with metric knockouts for cable entry , 16 A RYBN connector with GI supports for taking street light connection as per annexure.	32.00	One number	1,925.00	Rupees One Thousand Nine Hundred Twenty Five Only	61,600.00	Rupees Sixty One Thousand Six Hundred Only
7	Supply of GI pipe 40mm dia, B class , 5 feet length for pipe earthing lights poles and intermediate points as per annexure.	10.00	One number	475.00	Rupees Four Hundred Seventy Five Only	4,750.00	Rupees Four Thousand Seven Hundred Fifty Only
8	Supply of 4 core 6 sqmm LT stranded copper UG XLPE cable for taking supply to light poles	250.00	One metre	270.00	Rupees Two Hundred Seventy Only	67,500.00	Rupees Sixty Seven Thousand Five Hundred Only
9	Supply of end termination kit with single compression cable gland with copper socket /lugs, suitable for 4 C x 6 Sqmm cable	50.00	One number	100.00	Rupees One Hundred Only	5,000.00	Rupees Five Thousand Only
10	Supply of 100 A Outdoor type DB of Polycarbonate material with 1 no. 3 P 32 A MCCB as incomer and street light control cubicle, MCBs for as outgoing as per annexure including its foundation	2.00	One number	45,200.00	Rupees Forty Five Thousand Two Hundred Only	90,400.00	Rupees Ninety Thousand Four Hundred Only
11	Supply of of single phase meter box comprising of (1) provisioning of 1 phase smart meter with 2 way communication and connection / disconnection arrangement (2) 3 Nos 3 pin plug socket and (3) 1 No 1 A plug socket. The item includes supply of pedestal for fixing the same	64.00	One number	7,300.00	Rupees Seven Thousand Three Hundred Only	467,200.00	Rupees Four Lakh Sixty Seven Thousand Two Hundred Only
12	Supply of cables with following sizes					-	
a	4 x 16 Sqmm XLPE	140.00	One metre	120.00	Rupees One Hundred Twenty	16,800.00	Rupees Sixteen Thousand Eight Hundred Only
b	4 x 10 Sqmm XLPE	185.00	One metre	80.00	Rupees Eighty Only	14,800.00	Rupees Fourteen Thousand Eight Hundred Only
c	4 x 6 Sqmm XLPE	245.00	One metre	55.00	Rupees Fifty Five Only	13,475.00	Rupees Thirteen Thousand Four Hundred Seventy Five

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	Supply of end termination kit with single compression gland, Al: socket etc suitable for the following 1.1 KV grade, XLPE/PVCAPVC cables as per annexure.					-	
a	4 x 16 Sqmm XLPE	25.00	One number	500.00	Rupees Five Hundred Only	12,500.00	Rupees Twelve Thousand Five Hundred Only
b	4 x 10 Sqmm XLPE	8.00	One number	450.00	Rupees Four Hundred Fifty	3,600.00	Rupees Three Thousand Six Hundred Only
c	4 x 6 Sqmm XLPE	78.00	One number	400.00	Rupees Four Hundred Only	31,200.00	Rupees Thirty One Thousand Two Hundred
	<b>ERECTION PART</b>					-	
14	Installation, Testing & Commissioning of 5 M street light poles, including fixing of top luminary, termination of cables in poles from JB using including supply of glanding materials , cables for taking supply from JB to luminary , MCB's etc. mentioned in item No.1 of Part A, as per annexure	16.00	One number	950.00	Rupees Nine Hundred Fifty Only	15,200.00	Rupees Fifteen Thousand Two Hundred Only
15	Installation, Testing & Commissioning of 3 M street light poles including fixing of top luminary , termination of cables in poles from JB using including supply of glanding materials , cables for taking supply from JB to luminary , MCB's etc. mentioned in item No. 2 of Part A, as per annexure	16.00	One number	850.00	Rupees Eight Hundred Fifty Only	13,600.00	Rupees Thirteen Thousand Six Hundred Only
16	Providing foundation, footing etc for the street light poles ( 5M/3M) mentioned in item No.1 and 2 of Part A, as per annexure	32.00	One number	2,500.00	Rupees Two Thousand Five Hundred Only	80,000.00	Rupees Eighty Thousand Only
17	Erection, fixing and Commissioning of Outdoor type cable junction boxes with 16 A RYBN connector for taking street light connection as per annexure.	32.00	One number	300.00	Rupees Three Hundred Only	9,600.00	Rupees Nine Thousand Six Hundred Only
18	Providing pipe earthing using 40 mm. dia. 5 feet length GI pipe for light poles and intermediate points as per annexure.	10.00	One number	500.00	Rupees Five Hundred Only	5,000.00	Rupees Five Thousand 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
19	Painting the lamp posts footing (foundation) portion above the ground level with 2 coats using synthetic enamel paint light yellow in colour after cleaning the surface with wire brush as per directions of the Engineer-in-Charge	30.00	One number	200.00	Rupees Two Hundred Only	6,000.00	Rupees Six Thousand Only
20	Providing open trench for laying of various sizes type of cables and laying of the cable by excavation of cable trenches 40 cm deep in loose soil for laying of street light cables etc. and refilling the trench with excavated good earth etc . as per annexure	250.00	One metre	114.00	Rupees One Hundred Fourteen Only	28,500.00	Rupees Twenty Eight Thousand Five Hundred Only
21	Fixing DBs E/m box etc	67.00	One number	300.00	Rupees Three Hundred Only	20,100.00	Rupees Twenty Thousand One Hundred Only
22	Providing earthing	4.00	One number	500.00	Rupees Five Hundred Only	2,000.00	Rupees Two Thousand Only
23	Excavation of trenches and laying of cables of different sizes	570.00	One metre	150.00	Rupees One Hundred Fifty Only	85,500.00	Rupees Eighty Five Thousand Five Hundred Only
	<b>Total part-I-E</b>					2,039,125.00	Rupees Twenty Lakh Thirty Nine Thousand One Hundred Twenty Five Only
						37,369,229.05	
<b>PART II-DEELOPMENT OF KOCHI HAAT</b>							
<b>PART II-A-DEELOPING OF STALL AREA</b>							
1	Cutting and removing Coconut trees of various heights & girthd including disposal of debris at area pointed out by the Engineer-in- charge without damaging nearby buildings/ structures including cost of all labour, equipments, tools etc. complete as per directions of the Engineer-in-charge	20.00	Each	3,000.00	Rupees Three Thousand Only	60,000.00	Rupees Sixty Thousand 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
2a	Felling trees of the girth beyond 30 cm girth upto and including 60 cm girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots etc. complete including transporting and disposing off all tree parts within a distance of 6 km as per directions of the Engineer-in-charge.	25.00	Each	284.74	Rupees Two Hundred Eighty Four and Seventy Four Paise Only	7,118.50	Rupees Seven Thousand One Hundred Eighteen and Fifty Paise Only
2b	Felling trees of the girth beyond 60 cm girth upto and including 120 cm girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots etc. complete including transporting and disposing off all tree parts within a distance of 6 km as per directions of the Engineer-in-charge.	10.00	Each	1,261.00	Rupees One Thousand Two Hundred Sixty One Only	12,610.00	Rupees Twelve Thousand Six Hundred Ten Only
2c	Felling trees of the girth beyond 240 cm girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots etc. complete including transporting and disposing off all tree parts within a distance of 6 km as per directions of the Engineer-in-charge.	2.00	Each	11,697.25	Rupees Eleven Thousand Six Hundred Ninety Seven and Twenty Five Paise Only	23,394.50	Rupees Twenty Three Thousand Three Hundred Ninety Four and Fifty Paise Only
3	Cutting, sectioning and levelling the earth heaps, vegetation growth, waste materials etc. complete using JCB including cost of all labour, consumables etc. complete as per the direction of Engineer-in-Charge. (Payment will be on hourly basis based on the reading taken before the commencement of work and completion of work)	30.00	Hour	914.00	Rupees Nine Hundred Fourteen Only	27,420.00	Rupees Twenty Seven Thousand Four Hundred Twenty Only
4	Demolishing brick work in cement mortar manually/ mechanical means including stacking of servicable materials and disposal of the unservicable materials within a lead of 50m including cost of all labour, equipments, tools etc. complete as per detailed specifications and directions of the Engineer-in-charge.	56.00	One Cubic Metre	1,997.65	Rupees One Thousand Nine Hundred Ninety Seven and Sixty Five Paise Only	111,868.40	Rupees One Lakh Eleven Thousand Eight Hundred Sixty Eight 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
5	Demolishing RCC work manually/ mechanical means including stacking of servicable materials and disposal of the unservicable materials within a lead of 50m including cost of all labour, equipments, tools etc. complete as per detailed specifications and directions of the Engineer-in-charge.	5.00	One Cubic Metre	3,444.76	Rupees Three Thousand Four Hundred Forty Four and Seventy Six Paise Only	17,223.80	Rupees Seventeen Thousand Two Hundred Twenty Three and Eighty Paise Only
6	Raising the low lying land area, to a level higher than the adjacent road level as per site conditions by filling with dredged material available at the western side of LNG terminal area at Puthuvypeen including loading, transporting from Puthuvypeen to the filling area near Vathruthy railway gate, dumping, dozing, levelling and compacting using vehicle movement and rolling the top surface with 8/10 tonne roller etc. complete as per drawings, detailed specifications and directions of the Engineer-in- Charge.	1,500.00	One Cubic Metre	352.00	Rupees Three Hundred Fifty Two Only	528,000.00	Rupees Five Lakh Twenty Eight Thousand Only
7	Filling with best quality laterite gravel brought from outside, to the required line and level including cost of all labour, material, loading, transporting, unloading, spreading, levelling, compacting with 8 to 10 tonne roller in layers etc. complete as per drawings, detailed specifications and directions of Engineer-in-charge.	650.00	One Cubic Metre	1,000.00	Rupees One Thousand Only	650,000.00	Rupees Six Lakh Fifty Thousand Only
8	Providing Wet Mix Macadam (WMM) by laying, spreading and compacting graded stone aggregate including premixing the material with water at OMC in mechanical mix plant, transporting, laying in uniform layers with paver over granular sub base course / base course and compacting with vibratory roller to achieve the desired density for laying interlocking paver blocks etc. complete as per drawings detailed specifications and directions of Engineer-in-Charge.	490.00	One Cubic Metre	3,589.77	Rupees Three Thousand Five Hundred Eighty Nine and Seventy Seven Paise Only	1,758,987.30	Rupees Seventeen Lakh Fifty Eight Thousand Nine Hundred Eighty Seven and Thirty 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
9	Earthwork in excavation in all kinds of soil by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30cm in depth and 1.5m in width as well as 10 sq. m on plan) including dressing of sides and ramming of bottoms, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil within a lead of 50m as per the detailed specification and directions of the Engineer-in-Charge.	23.00	One Cubic Metre	247.14	Rupees Two Hundred Forty Seven and Fourteen Paise Only	5,684.22	Rupees Five Thousand Six Hundred Eighty Four and Twenty Two Paise Only
10	Providing and laying in position cement concrete 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) grade properly mixed and consolidated with rammers, spreading, compacting, bailing out water, if required, cost and conveyance but excluding the cost of centering and shuttering for all work up to plinth level including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	7.50	One Cubic Metre	8,325.82	Rupees Eight Thousand Three Hundred Twenty Five and Eighty Two Paise Only	62,443.65	Rupees Sixty Two Thousand Four Hundred Forty Three and Sixty Five Paise Only
11	Providing and laying in position cement concrete 1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) grade properly mixed and consolidated with rammers, spreading, compacting, bailing out water, if required, cost and conveyance but excluding the cost of centering and shuttering for all work up to plinth level including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	25.00	One Cubic Metre	11,625.91	Rupees Eleven Thousand Six Hundred Twenty Five and Ninety One Paise Only	290,647.75	Rupees Two Lakh Ninety Thousand Six Hundred Forty Seven and Seventy Five Paise Only
12	Providing, fixing, centering and shuttering including strutting, propping etc. and removal of form for foundations, footings, bases of columns etc. complete as per drawings, detailed specifications and directions of the Engineer-in-Charge	215.00	One Square metre	387.12	Rupees Three Hundred Eighty Seven and Twelve Paise Only	83,230.80	Rupees Eighty Three Thousand Two Hundred Thirty 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
13	Supplying laying/ fixing good approved quality PVC pipes (Class 2) of 110mm dia with ISI mark buries / above ground level for drainage disposal including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	20.00	One metre	227.00	Rupees Two Hundred Twenty Seven Only	4,540.00	Rupees Four Thousand Five Hundred Forty Only
14	Providing and laying factory made 100mm thick Cement Concrete paver blocks of M40 grade, thickness & size/ shape, made by table vibratory method , to attain superior smooth finish using PU or equivalent moulds, laid in required colour & pattern over 50mm thick compacted bed of 6mm coarse aggregate, compacting and proper embedding / laying of inter locking paver blocks into the 6mm coarse aggregate bedding layer through vibratory compaction by using plate vibrator, filling the joints with crusher sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand in drive ways or traffic parking including cost of all labour, materials, equipments etc. complete as per manufacturer's specifications/ detailed specifications& direction of Engineer -in-Charge	3,300.00	One Square metre	1,030.00	Rupees One Thousand Thirty Only	3,399,000.00	Rupees Thirty Three Lakh Ninety Nine Thousand Only
15	Painting Road Kerbs & Traffic Islands with good approved quality Synthetic Enamel paint of White, Balck & Yellow in colour in two coats after g cleaning the surface by rubbing, wire brushing including cost of all labour, materials, tools etc. complete as per detailed specifications and directions of the Engineer-in-charge.	122.00	One Square metre	115.30	Rupees One Hundred Fifteen and Thirty Paise Only	14,066.60	Rupees Fourteen Thousand Sixty Six and Sixty 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
16	Providing and fixing warning boards with 18 Gauge GI sheet on 1" GI Square tube (16 gauge) frame (3' x 2' size) with post of 2" dia. GI pipe (16 gauge) 7 feet height, single side rame work including digital colour printed letters on Vinyl sheeting and fixing in position with PCC 1:2:4 (0.45m x 0.45m x 0.60m) painting two coats of Synthetic Enamel paint over a coat of Zinc Chromate primer including cost of all labour, materials, tools, equipments etc. complete as per directions of the Engineer-in-charge.	2.00	Each	5,970.00	Rupees Five Thousand Nine Hundred Seventy Only	11,940.00	Rupees Eleven Thousand Nine Hundred Forty Only
17	Demolishing stone / rubble masonry in cement mortar manually/ mechanical means including stacking of servicable materials and disposal of the unservicable materials within a lead of 50m including cost of all labour, equipments, tools etc. complete as per detailed specificatins and directions of the Engineer-in-charge	8.00	One Cubic Metre	2,384.16	Rupees Two Thousand Three Hundred Eighty Four and Sixteen Paise Only	19,073.28	Rupees Nineteen Thousand Seventy Three and Twenty Eight Paise Only
18	Demolishing Cement Concrete in cement mortar manually/ mechanical means including stacking of servicable materials and disposal of the unservicable materials within a lead of 50m including cost of all labour, equipments, tools etc. complete as per detailed specificatins and directions of the Engineer-in-charge	3.00	One Cubic Metre	2,361.23	Rupees Two Thousand Three Hundred Sixty One and Twenty Three Paise Only	7,083.69	Rupees Seven Thousand Eighty Three and Sixty Nine Paise Only
19	Disposal of building rubbish/ malba/ similar unservicable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved Municipal dumping ground or as approved by the Engineer-in-Charge including cost of all labour, vehicle, consumables etc. complete as per directions of the Engineer-in-charge.	125.00	One Cubic Metre	188.70	Rupees One Hundred Eighty Eight and Seventy Paise Only	23,587.50	Rupees Twenty Three Thousand Five Hundred Eighty Seven 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
20	Providing, fixing, centering and shuttering including strutting, propping etc. and removal of form for foundations, footings, bases of columns etc. complete as per drawings, detailed specifications and directions of the Engineer-in-Charge	30.00	One Square metre	387.12	Rupees Three Hundred Eighty Seven and Twelve Paise Only	11,613.60	Rupees Eleven Thousand Six Hundred Thirteen and Sixty Paise Only
21	Providing and laying in position cement concrete 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) grade properly mixed and consolidated with rammers, spreading, compacting, bailing out water, if required, cost and conveyance but excluding the cost of centering and shuttering for all work up to plinth level including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	3.00	One Cubic Metre	8,325.82	Rupees Eight Thousand Three Hundred Twenty Five and Eighty Two Paise Only	24,977.46	Rupees Twenty Four Thousand Nine Hundred Seventy Seven and Forty Six Paise Only
22	Providing and laying in position Reinforced Cement Concrete of grade 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) for all works up to plinth level, excluding the cost of centering, shuttering and reinforcement work but including admixtures in recommended proportion (as per IS : 9103) to accelerate, retard setting of concrete to improve workability without impairing strength and durability, levelling, compacting, curing, fixing in position, cost and conveyance of all materials, labour etc. complete as per drawing, detailed specifications and directions of the Engineer-in-Charge.	8.00	One Cubic Metre	9,018.84	Rupees Nine Thousand Eighteen and Eighty Four Paise Only	72,150.72	Rupees Seventy Two Thousand One Hundred Fifty and Seventy Two 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
23	Providing precast Reinforced Cement Concrete of grade 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) for cover slab of drain, excluding the cost of reinforcement work but including centering, shuttering admixtures in recommended proportion (as per IS : 9103) to accelerate, retard setting of concrete to improve workability without impairing strength and durability, levelling, compacting, curing, fixing in position, cost and conveyance of all materials, labour etc. complete as per drawing, detailed specifications and directions of the Engineer-in-Charge.	3.00	One Cubic Metre	9,526.78	Rupees Nine Thousand Five Hundred Twenty Six and Seventy Eight Paise Only	28,580.34	Rupees Twenty Eight Thousand Five Hundred Eighty and Thirty Four Paise Only
24	Providing and placing in position reinforcement using Thermo-Mechanically Treated bars of grade Fe-500D bars for all RCC items including straightening, cutting, bending, placing in position and binding with 16 gauge GI binding wire, providing cover blocks etc. complete including cost, conveyance, lead, lift of all materials as per drawings, detailed specifications and directions of the Engineer-in-Charge.	1,700.00	One Kilogram	111.58	Rupees One Hundred Eleven and Fifty Eight Paise Only	189,686.00	Rupees One Lakh Eighty Nine Thousand Six Hundred Eighty Six Only
25	Providing 12 mm thick plastering with cement mortar 1:4 (1 cement : 4 sand) for walls trowelled hard, finishing smooth including curing, cost and conveyance of all materials, labour charges, scaffolding etc. complete as per detailed specifications and directions of the Engineer-in-Charge.	30.00	One Square metre	362.66	Rupees Three Hundred Sixty Two and Sixty Six Paise Only	10,879.80	Rupees Ten Thousand Eight Hundred Seventy Nine and Eighty Paise Only
	TOTAL PART-II-A					7,455,807.91	Rupees Seventy Four Lakh Fifty Five Thousand Eight Hundred Seven and Ninety One Paise Only
<b>PART II-B-CONSTRUCTION OF COMPOUND WALL AT STALL AREA</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
1	Demolishing brick work in cement mortar manually/ mechanical means including stacking of servicable materials and disposal of the unservicable materials within a lead of 50m including cost of all labour, equipments, tools etc. complete as per detailed specifications and directions of the Engineer-in-charge.	27.00	One Cubic Metre	1,997.65	Rupees One Thousand Nine Hundred Ninety Seven and Sixty Five Paise Only	53,936.55	Rupees Fifty Three Thousand Nine Hundred Thirty Six and Fifty Five Paise Only
2	Earthwork in excavation in all kinds of soil by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30cm in depth and 1.5m in width as well as 10 sq. m on plan) including dressing of sides and ramming of bottoms, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil within a lead of 50m as per the detailed specification and directions of the Engineer-in-Charge.	170.00	One Cubic Metre	247.14	Rupees Two Hundred Forty Seven and Fourteen Paise Only	42,013.80	Rupees Forty Two Thousand Thirteen and Eighty Paise Only
3	Providing and laying in position cement concrete 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) grade properly mixed and consolidated with rammers, spreading, compacting, bailing out water, if required, cost and conveyance but excluding the cost of centering and shuttering for all work up to plinth level including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	21.00	One Cubic Metre	8,325.82	Rupees Eight Thousand Three Hundred Twenty Five and Eighty Two Paise Only	174,842.22	Rupees One Lakh Seventy Four Thousand Eight Hundred Forty Two and Twenty Two 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 laying in position Reinforced Cement Concrete of grade 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) for all works up to plinth level, excluding the cost of centering, shuttering and reinforcement work but including admixtures in recommended proportion (as per IS : 9103) to accelerate, retard setting of concrete to improve workability without impairing strength and durability, levelling, compacting, curing, fixing in position, cost and conveyance of all materials, labour etc. complete as per drawing, detailed specifications and directions of the Engineer-in-Charge.	33.00	One Cubic Metre	10,489.41	Rupees Ten Thousand Four Hundred Eighty Nine and Forty One Paise Only	346,150.53	Rupees Three Lakh Forty Six Thousand One Hundred Fifty and Fifty Three Paise Only
5	Providing and laying in position Cement Concrete of grade 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) for all works up to plinth level, excluding the cost of centering, shuttering but including admixtures in recommended proportion (as per IS : 9103) to accelerate, retard setting of concrete to improve workability without impairing strength and durability, levelling, compacting, curing, fixing in position, cost and conveyance of all materials, labour etc. complete as per drawing, detailed specifications and directions of the Engineer-in-Charge.	87.00	One Cubic Metre	9,799.43	Rupees Nine Thousand Seven Hundred Ninety Nine and Forty Three Paise Only	852,550.41	Rupees Eight Lakh Fifty Two Thousand Five Hundred Fifty and Forty One Paise Only
6	Providing and laying solid block masonry with 1:2:4 grade precast solid blocks (factory made) of size 300mm x200mm x200 mm or nearest available size of approved quality confirming to IS : 2185 Part I of 1979 in CM 1:3 (1 cement : 3 coarse sand) including cost of scaffolding, raking out of joints, curing, cost and conveyance of all materials, labour, lead, lift, etc. complete as per drawings, detailed specifications and directions of the Engineer-in-Charge	71.00	One Cubic Metre	19,354.16	Rupees Nineteen Thousand Three Hundred Fifty Four and Sixteen Paise Only	1,374,145.36	Rupees Thirteen Lakh Seventy Four Thousand One Hundred Forty Five and Thirty Six 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
7	Providing and fixing Stainless Steel Square Hollow Tube of size 40mm x 40mm x 1.50mm shell thickness for railings in 5 rows in the dwarf wall between pillars including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	2,250.00	One Kilogram	450.00	Rupees Four Hundred Fifty Only	1,012,500.00	Rupees Ten Lakh Twelve Thousand Five Hundred Only
8	Providing and laying in position Reinforced Cement Concrete of grade 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) for all works up to plinth level, excluding the cost of centering, shuttering and reinforcement work but including admixtures in recommended proportion (as per IS : 9103) to accelerate, retard setting of concrete to improve workability without impairing strength and durability, levelling, compacting, curing, fixing in position, cost and conveyance of all materials, labour etc. complete as per drawing, detailed specifications and directions of the Engineer-in-Charge.	2.00	One Cubic Metre	10,489.41	Rupees Ten Thousand Four Hundred Eighty Nine and Forty One Paise Only	20,978.82	Rupees Twenty Thousand Nine Hundred Seventy Eight and Eighty Two Paise Only
9	Providing and laying Reinforced Cement Concrete of grade 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) in walls of any thickness, including attached pilasters, buttresses, plinth and string course, fillets, columns, pillars, piers, abutments, posts & struts etc. above plinth level including levelling, compacting, curing, fixing in position, cost and conveyance of all materials, labour etc. complete as per drawing, detailed specifications and directions of the Engineer-in-Charge.	1.10	One Cubic Metre	12,647.23	Rupees Twelve Thousand Six Hundred Forty Seven and Twenty Three Paise Only	13,911.95	Rupees Thirteen Thousand Nine Hundred Eleven and Ninety Five 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
10	Providing and placing in position reinforcement using Thermo-Mechanically Treated bars of grade Fe-500D bars for all RCC items including straightening, cutting, bending, placing in position and binding with 16 gauge GI binding wire, providing cover blocks etc. complete including cost, conveyance, lead, lift of all materials as per drawings, detailed specifications and directions of the Engineer-in-Charge.	5,500.00	One Kilogram	113.48	Rupees One Hundred Thirteen and Forty Eight Paise Only	624,140.00	Rupees Six Lakh Twenty Four Thousand One Hundred Forty Only
11	Providing, fixing, centering and shuttering including strutting, propping etc. and removal of form for foundations, footings, bases of columns etc. complete as per drawings, detailed specifications and directions of the Engineer-in-Charge	490.00	One Square metre	387.12	Rupees Three Hundred Eighty Seven and Twelve Paise Only	189,688.80	Rupees One Lakh Eighty Nine Thousand Six Hundred Eighty Eight and Eighty Paise Only
12	Providing 20mm thick plaster beading on the top face of dwarf wall with cement mortar 1:4 (1 Cement : 4 sand) trowelled hard including scaffolding, curing, all labour, materials, tools etc. complete as per detailed specifications and directions of the Engineer-in-charge.	1,210.00	One Square metre	492.38	Rupees Four Hundred Ninety Two and Thirty Eight Paise Only	595,779.80	Rupees Five Lakh Ninety Five Thousand Seven Hundred Seventy Nine and Eighty Paise Only
13	Providing 12 mm thick plastering with cement mortar 1:4 (1 cement : 4 sand) for walls trowelled hard, finishing smooth including curing, cost and conveyance of all materials, labour charges, scaffolding etc. complete as per detailed specifications and directions of the Engineer-in-Charge.	650.00	One Square metre	308.98	Rupees Three Hundred Eight and Ninety Eight Paise Only	200,837.00	Rupees Two Lakh Eight Hundred Thirty Seven Only
14	Fabricating and fixing in position Stainless Steel main gate (Sliding type) of suitable size and design as approved by the Engineer-in-charge, including providing suitable size SS tower bolt and aldrop, providing guide rails, including cost of all materials, labour, etc. complete as per drawing, detailed specifications and directions of the Engineer-in-Charge.	250.00	One Kilogram	450.00	Rupees Four Hundred Fifty Only	112,500.00	Rupees One Lakh Twelve Thousand Five Hundred 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
15	Providing and applying Acrylic emulsion smooth exterior finish paint (Weather coat by Berger or Nerolac Excel or Weather shield by ICI Dulux or Snowcyl XT-premium by Snowcem India Ltd.) in two coats over one coat of primer for outside walls to give a smooth and even shade including scaffolding, topping of all holes and depressions, cleaning with sand paper etc. complete as per detailed specifications and directions of the Engineer-in-Charge.	650.00	One Square metre	219.00	Rupees Two Hundred Nineteen Only	142,350.00	Rupees One Lakh Forty Two Thousand Three Hundred Fifty Only
16	Disposal of building rubbish/ malba/ similar unservicable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved Municipal dumping ground or as approved by the Engineer-in-Charge including cost of all labour, vehicle, consumables etc. complete as per directions of the Engineer-in-charge.	210.00	One Cubic Metre	188.70	Rupees One Hundred Eighty Eight and Seventy Paise Only	39,627.00	Rupees Thirty Nine Thousand Six Hundred Twenty Seven Only
	TOTAL PART-II-B					5,795,952.24	Rupees Fifty Seven Lakh Ninety Five Thousand Nine Hundred Fifty Two and Twenty Four Paise Only
<b>PART II-C- CONSTRUCTION OF TOILET AT STALL AREA</b>							
1	Earthwork in excavation in all kinds of soil by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30cm in depth and 1.5m in width as well as 10 sq. m on plan) including dressing of sides and ramming of bottoms, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil within a lead of 50m as per the detailed specification and directions of the Engineer-in-Charge.	13.00	One Cubic Metre	247.14	Rupees Two Hundred Forty Seven and Fourteen Paise Only	3,212.82	Rupees Three Thousand Two Hundred Twelve and Eighty Two 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 in position cement concrete 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) grade properly mixed and consolidated with rammers, spreading, compacting, bailing out water, if required, cost and conveyance but excluding the cost of centering and shuttering for all work up to plinth level including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	3.00	One Cubic Metre	8,325.82	Rupees Eight Thousand Three Hundred Twenty Five and Eighty Two Paise Only	24,977.46	Rupees Twenty Four Thousand Nine Hundred Seventy Seven and Forty Six Paise Only
3	Providing and laying solid block masonry with 1:2:4 grade precast solid blocks (factory made) of size 300mm x200mm x200 mm or nearest available size of approved quality confirming to IS : 2185 Part I of 1979 in CM 1:3 (1 cement : 3 coarse sand) including cost of scaffolding, raking out of joints, curing, cost and conveyance of all materials, labour, lead, lift, etc. complete as per drawings, detailed specifications and directions of the Engineer-in-Charge	13.00	One Cubic Metre	19,354.15	Rupees Nineteen Thousand Three Hundred Fifty Four and Fifteen Paise Only	251,603.95	Rupees Two Lakh Fifty One Thousand Six Hundred Three and Ninety Five Paise Only
4	Providing and laying in position Reinforced Cement Concrete of grade 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) for all works up to plinth level, excluding the cost of centering, shuttering and reinforcement work but including admixtures in recommended proportion (as per IS : 9103) to accelerate, retard setting of concrete to improve workability without impairing strength and durability, levelling, compacting, curing, fixing in position, cost and conveyance of all materials, labour etc. complete as per drawing, detailed specifications and directions of the Engineer-in-Charge.	1.50	One Cubic Metre	9,018.84	Rupees Nine Thousand Eighteen and Eighty Four Paise Only	13,528.26	Rupees Thirteen Thousand Five Hundred Twenty Eight and Twenty Six 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
5	Providing and laying solid block masonry with 1:2:4 grade precast solid blocks (factory made) of size 300mm x200mm x200 mm or nearest available size of approved quality confirming to IS : 2185 Part I of 1979 in CM 1:3 (1 cement : 3 coarse sand) including cost of scaffolding, raking out of joints, curing, cost and conveyance of all materials, labour, lead, lift, etc. complete as per drawings, detailed specifications and directions of the Engineer-in-Charge	11.00	One Cubic Metre	19,354.15	Rupees Nineteen Thousand Three Hundred Fifty Four and Fifteen Paise Only	212,895.65	Rupees Two Lakh Twelve Thousand Eight Hundred Ninety Five and Sixty Five Paise Only
6	Providing Reinforced Cement Concrete work in beams, suspended floors, roofs having slope to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, stair cases and spiral staircases, up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement but including levelling, compacting, curing, fixing in position, cost and conveyance of all materials, labour etc. complete as per drawing, detailed specifications and directions of the Engineer-in-Charge.	2.00	One Cubic Metre	13,269.40	Rupees Thirteen Thousand Two Hundred Sixty Nine and Forty Paise Only	26,538.80	Rupees Twenty Six Thousand Five Hundred Thirty Eight and Eighty Paise Only
7	Providing Reinforced Cement Concrete work in arches, arch ribs, domes, vaults, shells, folded plate and roofs having slope more than 15°, up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement but including levelling, compacting, curing, fixing in position, cost and conveyance of all materials, labour etc. complete as per drawing, detailed specifications and directions of the Engineer-in-Charge.	2.50	One Cubic Metre	13,983.16	Rupees Thirteen Thousand Nine Hundred Eighty Three and Sixteen Paise Only	34,957.90	Rupees Thirty Four Thousand Nine Hundred Fifty Seven and Ninety 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	Providing, fixing, centering and shuttering including strutting, propping etc. and removal of form for foundations, footings, bases of columns etc. complete as per drawings, detailed specifications and directions of the Engineer-in-Charge	50.00	One Square metre	387.12	Rupees Three Hundred Eighty Seven and Twelve Paise Only	19,356.00	Rupees Nineteen Thousand Three Hundred Fifty Six Only
9	Providing and placing in position reinforcement using Thermo-Mechanically Treated bars of grade Fe-500D bars for all RCC items including straightening, cutting, bending, placing in position and binding with 16 gauge GI binding wire, providing cover blocks etc. complete including cost, conveyance, lead, lift of all materials as per drawings, detailed specifications and directions of the Engineer-in-Charge.	675.00	One Kilogram	113.48	Rupees One Hundred Thirteen and Forty Eight Paise Only	76,599.00	Rupees Seventy Six Thousand Five Hundred Ninety Nine Only
10	Providing and filling inside the basement with 6mm metal mixed with quarry dust in layers of 10 cm consolidated thickness, including consolidating by ramming, watering, cost of all labour, materials, equipments etc. complete as per directions of the Engineer in charge.	7.00	One Cubic Metre	2,882.00	Rupees Two Thousand Eight Hundred Eighty Two Only	20,174.00	Rupees Twenty Thousand One Hundred Seventy Four Only
11	Providing and laying plain cement concrete of 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size) properly mixed and consolidated with hand rammers, including cost and conveyance of all materials, labour, preparing bed, compacting, curing, lead lift etc. complete for flooring as per drawings, detailed specifications and directions of the Engineer-in-Charge.	14.00	One Square metre	480.00	Rupees Four Hundred Eighty Only	6,720.00	Rupees Six Thousand Seven Hundred Twenty Only
12	Providing 12 mm thick plastering with cement mortar 1:4 (1 cement : 4 sand) for walls trowelled hard, finishing smooth including curing, cost and conveyance of all materials, labour charges, scaffolding etc. complete as per detailed specifications and directions of the Engineer-in-Charge.	90.00	One Square metre	362.66	Rupees Three Hundred Sixty Two and Sixty Six Paise Only	32,639.40	Rupees Thirty Two Thousand Six Hundred Thirty Nine 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
13	Providing 6 mm thick plastering with cement mortar 1:3 (1 cement : 3 sand) trowelled hard, finishing smooth including curing, cost and conveyance of all materials, labour charges, scaffolding etc. complete as per detailed specifications and directions of the Engineer-in-Charge.	72.00	One Square metre	308.98	Rupees Three Hundred Eight and Ninety Eight Paise Only	22,246.56	Rupees Twenty Two Thousand Two Hundred Forty Six and Fifty Six Paise Only
14	Providing and laying rectified Glazed Ceramic floor tiles 300x300mm or more (Thickness to be specified by the manufactures) of 1st quality approved by the Engineer-in-charge confirming to IS : 15622, of approved make, in colours White, Ivory, Fume Red Brown laid on 20mm thickness Cement Mortar bed of 1:4 (1 Cement : 4 sand) filling the joints with white cement mixed with suitable colour joint filler including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	16.00	One Square metre	1,479.18	Rupees One Thousand Four Hundred Seventy Nine and Eighteen Paise Only	23,666.88	Rupees Twenty Three Thousand Six Hundred Sixty Six and Eighty Eight Paise Only
15	Providing dadoing with 1st quality ceramic glazed wall tiles of approved shades matching with the flooring, make of johnson or khajaria or asian or somany or orient bell of size not less than 300x 200mm as approved by Engineer-In-charge in dados over 12mm thick bed floor cement mortar 1:3 and fixing tiles in cement slurry including grouting finishing the joints with tile jointing powder of same color, cleaning etc. complete as per detailed specifications and the directions of Engineer-in-Charge.	36.00	One Square metre	1,400.22	Rupees One Thousand Four Hundred and Twenty Two Paise Only	50,407.92	Rupees Fifty Thousand Four Hundred Seven and Ninety Two 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
16	Providing and fixing Fiber Glass Reinforced plastic (FRP) Door Frames of cross-section 90 mm x 45 mm of approved colour, design and pattern having single rebate of 32 mm x 15 mm to receive shutter of 30 mm thickness as per detailed specifications and directions of Engineer-in-charge. The laminate shall be moulded with fire resistant grade unsaturated polyester resin and chopped mat . Door frame laminate shall be 2 mm thick and shall be filled with suitable wooden block in all the three legs. The frame shall be covered with fiber glass from all sides. M.S. stay shall be provided at the bottom to steady the frame etc. complete as per drawings, detailed specifications and directions of Engineer-in-Charge.	15.00	One metre	923.94	Rupees Nine Hundred Twenty Three and Ninety Four Paise Only	13,859.10	Rupees Thirteen Thousand Eight Hundred Fifty Nine and Ten Paise Only
17	Providing and fixing approved 30 mm thick Fiberglass Reinforced Plastic (F.R.P.) flush door shutter in different plain and wood finish made with fire retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate all around, with suitable wooden blocks inside at required places for fixing of fittings and polyurethane foam (PUF)/ Polystyrene foam to be used as filler material throughout the hollow panel, casted monolithically with testing parameters of F.R.P. laminate conforming to table-3 of IS: 14856, complete as per drawings, detailed specifications and direction of Engineer-in-charge.	5.00	One Square metre	4,709.14	Rupees Four Thousand Seven Hundred Nine and Fourteen Paise Only	23,545.70	Rupees Twenty Three Thousand Five Hundred Forty Five and Seventy 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
18	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : For fixed portion with Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15) including cost of all labour, materials, tools, equipments etc. complete as per directions of the Engineer-in-charge.	50.00	One Kilogram	576.16	Rupees Five Hundred Seventy Six and Sixteen Paise Only	28,808.00	Rupees Twenty Eight Thousand Eight Hundred Eight Only
19	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the directions of Engineer-in-charge with float glass panes of 5.50 mm thickness including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	2.00	One Square metre	1,761.86	Rupees One Thousand Seven Hundred Sixty One and Eighty Six Paise Only	3,523.72	Rupees Three Thousand Five Hundred Twenty Three and Seventy Two 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
20	Supplying and fixing PVC floor traps 110mm dia. with 50mm deep seal and 63mm/75mm out let with cement concrete around using 20mm broken stones including cutting opening through masonry walls, concrete etc. making good the same providing and fixing Chromium plated brass gratings of approved make on top of trap etc. complete including cost and conveyance of all materials, labour charges, etc. complete as per detailed specifications and directions of the Engineer-in-Charge.	4.00	Each	200.00	Rupees Two Hundred Only	800.00	Rupees Eight Hundred Only
21	Supplying laying/ fixing good approved quality PVC pipes (Class 2) of 63mm dia with ISI mark buries / above ground level for drainage disposal including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	30.00	One metre	118.70	Rupees One Hundred Eighteen and Seventy Paise Only	3,561.00	Rupees Three Thousand Five Hundred Sixty One Only
22	Supplying laying/ fixing good approved quality PVC pipes (Class 2) of 110mm dia with ISI mark buries / above ground level for drainage disposal including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	30.00	One metre	227.00	Rupees Two Hundred Twenty Seven Only	6,810.00	Rupees Six Thousand Eight Hundred Ten Only
23	Supplying laying and joining PVC pipes with ISI marks 32mm dia. For water supply including cost of all labour, materials, tools, cutting and making good the wall/ floor etc. complete as per detailed specifications and directions of the Engineer In Charge.	40.00	One metre	66.20	Rupees Sixty Six and Twenty Paise Only	2,648.00	Rupees Two Thousand Six Hundred Forty Eight Only
24	Supplying laying and joining PVC pipes with ISI marks 25mm dia. For water supply including cost of all labour, materials, tools, cutting and making good the wall/ floor etc. complete as per detailed specifications and directions of the Engineer In Charge.	20.00	One metre	53.30	Rupees Fifty Three and Thirty Paise Only	1,066.00	Rupees One Thousand Sixty 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
25	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan with ISI marked) with white solid plastic seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required etc. complete, including cost and conveyance of all materials, labour charges, lead, lift etc. complete as per detailed specifications and directions of the Engineer-in-Charge.	2.00	Each	6,986.21	Rupees Six Thousand Nine Hundred Eighty Six and Twenty One Paise Only	13,972.42	Rupees Thirteen Thousand Nine Hundred Seventy Two and Forty Two Paise Only
26	Providing and fixing stone slab (Granite Stone of approved shade) with table rubbed, edges rounded and polished, of size 75x50 cm deep and 1.8 cm thick, fixed in urinal partitions by cutting a chase of appropriate width with chase cutter and embedding the stone in the chase with epoxy grout or with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 6 mm nominal size) including cost of all labour, materials, tools etc. complete as per direction of Engineer-in-charge and finished smooth.	4.00	Each	4,371.90	Rupees Four Thousand Three Hundred Seventy One and Ninety Paise Only	17,487.60	Rupees Seventeen Thousand Four Hundred Eighty Seven and Sixty Paise Only
27	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm or 340x410x265 mm sizes respectively including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer In Charge.	4.00	Each	6,771.08	Rupees Six Thousand Seven Hundred Seventy One and Eight Paise Only	27,084.32	Rupees Twenty Seven Thousand Eighty Four and Thirty Two 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
28	Providing and fixing White Vitreous China Flat back wash basin 550x 400 mm size of approved make on galvanised iron rag bolts with 15 mm C.P. brass pillar tap, C.P. waste coupling 32mm or nearest available size PVC waste down pipe (all of approved make), heavy type 15 mm PVC connections with nuts and washers at both ends, 12mm brass valve including cutting and making good walls etc. complete, including cost and conveyance of all materials, labour charges, lead, lift etc. complete as per detailed specifications and directions of the Engineer-in-Charge.	2.00	Each	3,411.80	Rupees Three Thousand Four Hundred Eleven and Eighty Paise Only	6,823.60	Rupees Six Thousand Eight Hundred Twenty Three and Sixty Paise Only
29	Supplying and fixing good quality Health faucets of Parryware T9940 A1 Slimline with SS Hose & Hooks or approved equivalent make including cost of all labour, materials, tools etc. complete as per directions of the Engineer-in-charge.	2.00	Each	676.50	Rupees Six Hundred Seventy Six and Fifty Paise Only	1,353.00	Rupees One Thousand Three Hundred Fifty Three Only
30	Providing and fixing Brass Stop cock of approved brand, quality and make 15 mm NB including cost of materials, conveyance of all materials, labour charges, lead, lift etc. complete as per the directions of the Engineer-in-Charge.	10.00	Each	411.18	Rupees Four Hundred Eleven and Eighteen Paise Only	4,111.80	Rupees Four Thousand One Hundred Eleven and Eighty Paise Only
31	Providing and fixing CP brass long body bib cock of approved brand, quality and make conforming to IS standards and weight not less than 690gms. 15 mm NB including cost of materials, conveyance of all materials, labour charges, lead, lift etc. complete as per the directions of the Engineer-in-Charge.	3.00	Each	750.67	Rupees Seven Hundred Fifty and Sixty Seven Paise Only	2,252.01	Rupees Two Thousand Two Hundred Fifty Two and One Paise Only
32	Providing and laying approved quality and make Mangalore pattern roofing tiles of size 215x150mm or nearest available size including its ridge tiles over RCC sloped slabs set in cement mortar 1:4 (1cement : 4 sand) mixed with 2% integral water proofing compound, laid over a bed of 20mm thick over roof slab including finishing the joints with coloured cement etc. complete as per drawings, detailed specifications and directions of the Engineer-in-charge.	24.00	One Square metre	670.70	Rupees Six Hundred Seventy and Seventy Paise Only	16,096.80	Rupees Sixteen Thousand Ninety Six 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
33	Applying priming coats with water thinnable cement primer on wall surface having VOC content less than 50 grams/litre with primer of approved brand and manufacture including cost of all labour, materials, tools etc. complete as per detailed specifications and directions of the Engineer In Charge.	55.00	One Square metre	81.54	Rupees Eighty One and Fifty Four Paise Only	4,484.70	Rupees Four Thousand Four Hundred Eighty Four and Seventy Paise Only
34	Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound ) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour. Two coats as per detailed specifications and directions of Engineer-In-Charge.	55.00	One Square metre	145.15	Rupees One Hundred Forty Five and Fifteen Paise Only	7,983.25	Rupees Seven Thousand Nine Hundred Eighty Three and Twenty Five Paise Only
35	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade for New work (Two or more coats applied @ 1.43 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm) including cleaning the surface cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	106.00	One Square metre	219.00	Rupees Two Hundred Nineteen Only	23,214.00	Rupees Twenty Three Thousand Two Hundred Fourteen 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
36	Constructing brick masonry manhole in cement mortar 1:4 ( 1 cement : 4 coarse sand) with R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand (zone- III) : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand (zone- III) : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design. Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 including cost of all labour, materials, tools etc. complete as per detailed specifications and directions of the Engineer-in-charge.	3.00	Each	14,820.40	Rupees Fourteen Thousand Eight Hundred Twenty and Forty Paise Only	44,461.20	Rupees Forty Four Thousand Four Hundred Sixty One and Twenty Paise Only
37	Providing and fixing PTMT 600 mm long towel rail with total length of 645 mm weighing not less than 190 gms with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality and colour etc. complete, including cost and conveyance of all materials, labour charges, lead, lift etc. complete as per detailed specifications and directions of the Engineer-in-Charge.	3.00	Each	809.30	Rupees Eight Hundred Nine and Thirty Paise Only	2,427.90	Rupees Two Thousand Four Hundred Twenty Seven and Ninety Paise Only
38	Providing and fixing Rectangular shape 453x357 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers etc. complete, including cost and conveyance of all materials, labour charges, lead, lift etc. complete as per detailed specifications and directions of the Engineer-in-Charge.	2.00	Each	1,522.46	Rupees One Thousand Five Hundred Twenty Two and Forty Six Paise Only	3,044.92	Rupees Three Thousand Forty Four and Ninety Two 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
39	Fabricating, supplying and installing 2 Cubic Metre capacity DRDO Technology Fibre reinforced Plastic Bio-Digesters with 30% AMI (Anaerobic Microbial Inoculum Bacteria) including transportation, excavation, backfilling, installation charges, all pipes, fittings etc. complete as per the directions of the Engineer in charge.	1.00	Each	150,000.00	Rupees One Lakh Fifty Thousand Only	150,000.00	Rupees One Lakh Fifty Thousand Only
	TOTAL PART II-C					1,228,943.64	Rupees Twelve Lakh Twenty Eight Thousand Nine Hundred Forty Three and Sixty Four Paise Only
<b>PART II-D- PROVIDING WATER SUPPLY ARRANGEMENTS AT STALL AREA</b>							
1	Cutting through hard surfaced area/ road surface as per detailed specifications and directions of Engineer-in-Charge.	20.10	One Cubic Metre	1,237.50	Rupees One Thousand Two Hundred Thirty Seven and Fifty Paise Only	24,873.75	Rupees Twenty Four Thousand Eight Hundred Seventy Three and Seventy Five Paise Only
2	Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5 m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m : All kinds of soil for Pipes, cables etc, not exceeding 80 mm dia. as per directions of the Engineer-in-charge.	210.00	One Cubic Metre	303.07	Rupees Three Hundred Three and Seven Paise Only	63,644.70	Rupees Sixty Three Thousand Six Hundred Forty Four and Seventy 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	Supplying and erection of RCC precast water tank of size 130cm dia. 2500mm length and 60mm wall thickness or nearest available size and capacity not less than 3000 Litres including supplying, transporting loading & unloading, erection in position, cost of all labour, materials, tools, equipments etc. complete as per the directions of the Engineer-in-charge.	1.00	Each	40,000.00	Rupees Forty Thousand Only	40,000.00	Rupees Forty Thousand Only
4	Supplying and installing 500 Ltr capacity Genuine plastic HDPE double layer water tanks of Sintex or approved equivalent brand with ISI mark including cost of all fittings, lid, conveyance, fixing in position, all labour, materials etc. complete as per directions of the Engineer-in-charge	2.00	Each	5,000.00	Rupees Five Thousand Only	10,000.00	Rupees Ten Thousand Only
5	Supplying, laying, and jointing Schedule 40 UPVC ASTM pipe 65mm dia. and Schedule 80 ASTM-UPVC specials of approved make such as tees elbows, unions, bends, sockets bends, flanges, reducers, end caps, saddles, plugs, coupling, etc. including cost of all jointing materials like solvent cement, bolts, nuts, rubber washers, ferrule, pipe supports, cost of extra wastage of fittings during laying of pipe line such as rectification and recharging of the existing line as and when required etc., hire of tools and plant, cost and conveyance of water for testing after connecting to mains including all testing pipe line to the specified hydrostatic test pressure, rectifying any leakage or defects etc. complete. for water supply for external works below ground level as per draings, detailed specifications and directions of the Engineer-in-Charge	210.00	One metre	509.10	Rupees Five Hundred Nine and Ten Paise Only	106,911.00	Rupees One Lakh Six Thousand Nine Hundred Eleven 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	Supplying, laying, and jointing Schedule 40 UPVC ASTM pipe 40mm dia. and Schedule 80 ASTM-UPVC specials of approved make such as tees elbows, unions, bends, sockets bends, flanges, reducers, end caps, saddles, plugs, coupling, etc. including cost of all jointing materials like solvent cement, bolts, nuts, rubber washers, ferrule, pipe supports, cost of extra wastage of fittings during laying of pipe line such as rectification and recharging of the existing line as and when required etc., hire of tools and plant, cost and conveyance of water for testing after connecting to mains including all testing pipe line to the specified hydrostatic test pressure, rectifying any leakage or defects etc. complete. for water supply for external works below ground level as per draings, detailed specifications and directions of the Engineer-in-Charge	15.00	One metre	304.70	Rupees Three Hundred Four and Seventy Paise Only	4,570.50	Rupees Four Thousand Five Hundred Seventy and Fifty Paise Only
	TOTAL PART-II-D					249,999.95	Rupees Two Lakh Forty Nine Thousand Nine Hundred Ninety Nine and Ninety Five Paise Only
<b>PART II-E- ELECTRICAL WORK AT PARKING AREA</b>							
1	Design & Supply, installation, testing and commissioning of 16 m height high Mast lighting system for saline environment with accessories including LED fittings of 12 nos with lamp of 300 W etc	2.00	One number	823,207.00	Rupees Eight Lakh Twenty Three Thousand Two Hundred Seven Only	1,646,414.00	Rupees Sixteen Lakh Forty Six Thousand Four Hundred Fourteen Only
2	Supply , of Outdoor type cable Junction boxes (IP65) made of Polycarbonate material with metric knockouts for cable entry , 16 A RYBN connector with GI supports for taking street light connection	2.00	One number	1,925.00	Rupees One Thousand Nine Hundred Twenty Five Only	3,850.00	Rupees Three Thousand Eight Hundred Fifty Only
3	Supply of GI pipe 40mm dia, B class , 5 feet length for pipe earthing lights poles and intermediate points	2.00	One number	475.00	Rupees Four Hundred Seventy Five Only	950.00	Rupees Nine Hundred Fifty 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	Supply, laying and commissioning of 4x25 Sq mm XLPE cable	50.00	One metre	700.00	Rupees Seven Hundred Only	35,000.00	Rupees Thirty Five Thousand Only	
5	Earthing system	4.00	One metre	32,000.00	Rupees Thirty Two Thousand Only	128,000.00	Rupees One Lakh Twenty Eight Thousand Only	
6	Others such as statutory fees, Safety items etc	1.00	LS	195,400.00	Rupees One Lakh Ninety Five Thousand Four	195,400.00	Rupees One Lakh Ninety Five Thousand Four Hundred Only	
	Total Part-II-E					2,009,614.00	Rupees Twenty Lakh Nine Thousand Six Hundred Fourteen Only	
	Total part-II					16,740,317.74		
	<b>GRAND TOTAL [PART I TO PART II]</b>						54,109,546.79	Rupees Five Crore Forty One Lakh Nine Thousand Five Hundred Forty Six and Seventy Eight Paise Only

**Rupees Five Crores Forty Six Lakhs Twenty Four Thousand Six Hundred Ninety Nine and Forty Paise Only**

<b>BIDDER'S QUOTING AREA</b>							
	Departmental Estimated Cost	Percentage Quoted above/below the		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	54,109,546.79						

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"**