

COCHIN PORT AUTHORITYwww.tenderwizard.com/CPT

Tender No: T6/T-1972/2022 -C Date: 25/10/2022 (PRICE BID)

Name of Wok:"RENOVATION OF PROPOSED GARAGE FOR GOI IN COCHIN PORT".**SCHEDULE- A- SCHEDULE OF QUANTITIES TO BE DONE ON CONTRACT**

Please Enter the Contractor Name							
Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
1	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish upto a lead 50 m and lift up to 1.5 m including cost of all labour, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	200.00	One Square Metre	33.09	Rupees Thirty Three and Nine Paise Only	6618.00	Rupees Six Thousand Six Hundred Eighteen Only
2	Dismantling of existing old/ damaged Sanitary fittings at Toilet without damaging the nearby fittings & fixtures including cost of all labour, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	1.00	One Number	2000.00	Rupees Two Thousand Only	2000.00	Rupees Two 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
3	Dismantling R.C.C. work by mechanical means and stockpiling at designated locations and disposal of dismantled materials up to a lead of 50m, stacking serviceable and unserviceable material separately including cutting reinforcement bars, cost of all labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	2.00	One Cubic Metre	3444.76	Rupees Three Thousand Four Hundred Forty Four and Seventy Six Paise Only	6889.52	Rupees Six Thousand Eight Hundred Eighty Nine and Fifty Two Paise Only
4	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar including cost of all labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge. .	10.00	One Cubic Metre	1997.65	Rupees One Thousand Nine Hundred Ninety Seven and Sixty Five Paise Only	19976.50	Rupees Nineteen Thousand Nine Hundred Seventy Six and Fifty Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
5	Removing existing precast RCC slabs of various sizes across the drain at various location stacking the slabs on the side berm/ convenient places without damaging and making any hindrance to traffic, transporting and relaying the same in the original position after the work including removing the silt from inside the drain, removal garbage and transporting and disposing the rubbish within a lead of 6km etc. complete including cost of all labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge. .	10.00	One Square Metre	289.30	Rupees Two Hundred Eighty Nine and Thirty Paise Only	2893.00	Rupees Two Thousand Eight Hundred Ninety Three Only
6	Demolishing Cement Concrete work manually/ by mechanical means and stocking at designated locations and disposal of dismantled materials up to a lead of 50m, stacking serviceable and unserviceable material separately including cost of all labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	6.00	One Cubic Metre	2361.26	Rupees Two Thousand Three Hundred Sixty One and Twenty Six Paise Only	14167.56	Rupees Fourteen Thousand One Hundred Sixty Seven and Fifty 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	Taking out doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead for area 3 sq. metres and below including cost of all labour, tools, equipments etc. complete as per the directions of the Engineer-in-charge.	4.00	Each	191.22	Rupees One Hundred Ninety One and Twenty Two Paise Only	764.88	Rupees Seven Hundred Sixty Four and Eighty Eight Paise Only
8	Demolishing Asbestose Cement sheet roofing including ridges, hips, valleys and gutters etc. including stacking of serviceable material and disposal of unserviceable material within 50 metres lead including cost of all labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge. .	24.00	One Square Metre	77.33	Rupees Seventy Seven and Thirty Three Paise Only	1855.92	Rupees One Thousand Eight Hundred Fifty Five 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
9	Providing Asbestos Sheet 6mm thick corrugated sheets roofing up to any pitch and fixing with Polymer coated J, or L hooks, bolts & nuts 8mm dia. GI plain and bitumen washers or with self drilling fastener and EPDM washers etc. complete (excluding cost of purlins, rafters and trusses) including cutting sheets to size and shape wherever required with the retrieved sheets supplied departmentally at free of cost including cost of all labour, material except roofing sheet, tools, equipments etc. complete as per directions of the Engineer-in-charge.	24.00	One Square Metre	155.06	Rupees One Hundred Fifty Five and Six Paise Only	3721.44	Rupees Three Thousand Seven Hundred Twenty One and Forty Four Paise Only
10	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work including cost of all labour, materials, scaffolding, tools, etc. complete as per detailed specifications and directions of Engineer-in-Charge.	500.00	One Square Metre	165.19	Rupees One Hundred Sixty Five and Nineteen Paise Only	82595.00	Rupees Eighty Two Thousand Five Hundred Ninety Five 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
11	Random rubble masonry with hard stone in foundation and plinth including leveling up with cement concrete 1:6:12 (1 Cement: 6 coarse sand: 12 graded stone aggregate 20mm nominal size) upto plinth level with Cement mortar 1:6 (1Cement : 6 Coarse Sand) with retrieved rubbles including cost of all labour, materials except rubble tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	1.00	One Cubic Metre	6002.36	Rupees Six Thousand Two and Thirty Six Paise Only	6002.36	Rupees Six Thousand Two and Thirty Six Paise Only
12	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth. 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed. All kinds of soil including cost of all labor, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	10.50	One Cubic Metre	247.14	Rupees Two Hundred Forty Seven and Fourteen Paise Only	2594.97	Rupees Two Thousand Five Hundred Ninety Four and Ninety 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
13	Providing and laying in position Cement Concrete specified grade including cost of all labour, materials, tools, equipments etc but excluding the cost of centering, shuttering, finishing- All work up to plinth level : 1:3:6 (1 Cement : 3 Coarse Sand : 6 Graded Stone Aggregate 20 mm nominal size) including cost of all labour, materials, tools, equipments, curing etc. complete as per detailed specifications, and directions of Engineer-in-Charge.	7.00	One Cubic Metre	8325.82	Rupees Eight Thousand Three Hundred Twenty Five and Eighty Two Paise Only	58280.74	Rupees Fifty Eight Thousand Two Hundred Eighty and Seventy Four Paise Only
14	Providing and laying in position Cement Concrete specified grade including cost of all labour, materials, tools, equipments etc but excluding the cost of centering, shuttering, finishing- All work up to plinth level : 1:1.5:3 (1 Cement : 1.5 Coarse Sand (Zone III) : 6 Graded Stone Aggregate 20 mm nominal size) including cost of all labour, materials, tools, equipments, curing etc. complete as per detailed specifications, and directions of Engineer-in-Charge.	11.00	One Cubic Metre	10489.41	Rupees Ten Thousand Four Hundred Eighty Nine and Forty One Paise Only	115383.51	Rupees One Lakh Fifteen Thousand Three Hundred Eighty Three and Fifty 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
15	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge.	4.00	One Cubic Metre	10868.65	Rupees Ten Thousand Eight Hundred Sixty Eight and Sixty Five Paise Only	43474.60	Rupees Forty Three Thousand Four Hundred Seventy Four 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	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size including cost of all labour, materials, tools, equipments, curing etc. complete as per detailed specifications and directions of	5.00	One Cubic Metre	13269.39	Rupees Thirteen Thousand Two Hundred Sixty Nine and Thirty Nine Paise Only	66346.95	Rupees Sixty Six Thousand Three Hundred Forty Six and Ninety Five Paise Only
17	Providing centering and shuttering including strutting, propping etc. for cement concrete work and removal of formwork for Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc including cost of all labour, materials, tools, equipments etc. complete as per the directions of the	100.00	One Square Metre	828.06	Rupees Eight Hundred Twenty Eight and Six Paise Only	82806.00	Rupees Eighty Two Thousand Eight Hundred 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
18	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more including cost of all materials, labour, tools, equipments etc. complete as per detailed specifications, and directions	3120.00	One Kilogram	113.48	Rupees One Hundred Thirteen and Forty Eight Paise Only	354057.60	Rupees Three Lakh Fifty Four Thousand Fifty Seven and Sixty Paise Only
19	Structural steel work welded in built up sections, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-charge all complete.	650.00	One Kilogram	138.28	Rupees One Hundred Thirty Eight and Twenty Eight Paise Only	89882.00	Rupees Eighty Nine Thousand Eight Hundred Eighty 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
20	Providing and fixing up to floor five level precast cement concrete solid block, including hoisting and setting in position with cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering, shuttering complete : 1:1½:3 (1 Cement: 1½ coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size) including cost of all labour, materials, tools, equipments, curing etc. complete as per detailed specifications	7.00	One Cubic Metre	19354.16	Rupees Nineteen Thousand Three Hundred Fifty Four and Sixteen Paise Only	135479.12	Rupees One Lakh Thirty Five Thousand Four Hundred Seventy Nine and Twelve Paise Only
21	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish within 50 metres lead including cost of all labour, tools, equipemts etc. complete as per detailed specifications and directions of Engineer-in-Charge.	200.00	One Square Metre	53.00	Rupees Fifty Three Only	10600.00	Rupees Ten Thousand Six 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
22	Plastering with cement mortar 1:4 (1 cement: 4 fine sand) 12 mm thick including finishing, curing, all labour, materials, scaffolding, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-charge.	300.00	One Square Metre	362.66	Rupees Three Hundred Sixty Two and Sixty Six Paise Only	108798.00	Rupees One Lakh Eight Thousand Seven Hundred Ninety Eight Only
23	Providing and fixing 200mm dia (class 2) Semicircular PVC eaves gutter with M.S. brackets 50x6mm about 1m c/c including cost of all labour, materials, tools, equipments etc. complete as per directions of the Engineer-in-charge.	60.00	One Metre	884.00	Rupees Eight Hundred Eighty Four Only	53040.00	Rupees Fifty Three Thousand Forty Only
24	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes 110 mm diameter including cost of all labour, materials, tools, equipments etc. complete as per the directions of the Engineer-in-charge.	150.00	One Metre	414.58	Rupees Four Hundred Fourteen and Fifty Eight Paise Only	62187.00	Rupees Sixty Two Thousand One Hundred Eighty Seven 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	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454 - part 1 and M.S. top cover of required thickness for rolling shutters. 80x1.25 mm M.S. laths with 1.25 mm thick top cover including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	18.00	One Square metre	4001.15	Rupees Fourty two and eighty five Paise Only	72020.70	Rupees four thousand eight hundred fourty two and 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
26	Dismantling the existing old damaged Rolling shutter and refixing the same after repairing the damaged M.S. laths, sprind, top cover etc. including cost of all labour, materials exept retrieved materials, tools, equipments etc. complete as per directions of the Engineer-in-charge.	1.00	One number	5000.00	Rupees Fourty two and eighty five Paise Only	5000.00	Rupees four thousand eight hundred fourty two and five Paise Only
27	Providing and fixing bright finished brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws, cost of all labour, materials, tools etc.complete as per directions of the Engineer-in-charge.	5.00	One number	968.66	Rupees Fourty two and eighty five Paise Only	4843.30	Rupees four thousand eight hundred fourty two and five Paise Only
28	Transporting surplus materials and debris using tipper lorry(6m3), dumping and levelling with in a lead of 6 Km including all labour and consumables etc. complete as per the directions of the Engineer-in-charge.	5.00	One Day	7395.00	Rupees Seven Thousand Three Hundred Ninety Five Only	36975.00	Rupees Thirty Six Thousand Nine Hundred Seventy Five Only

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29	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches, all labour, scaffolding, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-incharge	1150.00	One Square Metre	24.80	Rupees Twenty Four and Eighty Paise Only	28520.00	Rupees Twenty Eight Thousand Five Hundred Twenty Only
30	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface : Water thinnable cement primer including cost of all labour, materials, tools, scaffolding etc.complete as per detailed specifications and directions of Engineer-in-Charge.	1150.00	One Square Metre	81.54	Rupees Eighty One and Fifty Four Paise Only	93771.00	Rupees Ninety Three Thousand Seven Hundred Seventy One Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
31	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 including cost of all labour, materials, scaffolding, tools etc. complete as per detailed specifications and directions of Engineer-in-charge.	620.00	One Square Metre	154.79	Rupees One Hundred Fifty Four and Seventy Nine Paise Only	95969.80	Rupees Ninety Five Thousand Nine Hundred Sixty Nine and Eighty Paise Only
32	Finishing walls with Acrylic Smooth exterior paint of required shade for New work (Two or more coats applied at 1.67 ltr/10sqm over and including priming coat of exterior primer applied @ 2.20g/10sqm) including cost of all labour, materials, tools, scaffolding etc. complete as per detailed specifications and directions of	520.00	One Square Metre	223.83	Rupees Two Hundred Twenty Three and Eighty Three Paise Only	116391.60	Rupees One Lakh Sixteen Thousand Three Hundred Ninety One 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
33a	Making entry to the Drishty building by Demolishing brick work in cement mortar manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead including cost of all labour, materials etc. complete as per directions of the Engineer-in-charge.	2.20	One Cubic Metre	1997.65	Rupees One Thousand Nine Hundred Ninety Seven and Sixty Five Paise Only	4394.83	Rupees Four Thousand Three Hundred Ninety Four and Eighty Three Paise Only
33b	Plastering with cement mortar 1:4 (1 cement: 4 fine sand) 12 mm thick on the side of the entry opening to Drishty Building including finishing, curing, all labour, materials, scaffolding, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-charge.	1.67	One Square Metre	362.66	Rupees Three Hundred Sixty Two and Sixty Six Paise Only	605.64	Rupees Six Hundred Five and Sixty Four 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
34	Providing and fixing steel gates by structural steel work welded in built up sections, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-charge all complete.	180.79	One Kilogram	138.28	Rupees One Hundred Thirty Eight and Twenty Eight Paise Only	24999.64	Rupees Twenty Four Thousand Nine Hundred Ninety Nine and Sixty Four Paise Only
35	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement: 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc. including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and direction of Engineer-in-charge.	5.00	One Square Metre	1479.18	Rupees One Thousand Four Hundred Seventy Nine and Eighteen Paise Only	7395.90	Rupees Seven Thousand Three Hundred Ninety 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
36	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and direction of Engineer-in-charge..	12.00	One Square Metre	1400.22	Rupees One Thousand Four Hundred and Twenty Two Paise Only	16802.64	Rupees Sixteen Thousand Eight Hundred Two and Sixty Four Paise Only
37	Supplying and Laying and jointing PVC pipe (class 5) with ISI mark on walls including all specials for water supply line. 40 mm dia., including cost of all labour, materials, tools, equipments, all required fitting etc. complete as per detailed specifications and directions of the Engineer-in-charge.	50.00	One Metre	122.10	Rupees One Hundred Twenty Two and Ten Paise Only	6105.00	Rupees Six Thousand One Hundred Five Only

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38	Supplying and Laying and jointing PVC pipe (class 5) with ISI mark on walls including all specials for water supply line. 20 mm dia., including cost of all labour, materials, tools, equipments, all required fitting etc. complete as per detailed specifications and directions of the Engineer-in-charge.	25.00	One Metre	109.70	Rupees One Hundred Nine and Seventy Paise Only	2742.50	Rupees Two Thousand Seven Hundred Forty Two and Fifty Paise Only
39	Supplying and Laying and jointing PVC pipe (class 5) with ISI mark on walls including all specials for water supply line. 25 mm dia., including cost of all labour, materials, tools, equipments, all required fitting etc. complete as per detailed specifications and directions of the Engineer-in-charge.	50.00	One Metre	119.20	Rupees One Hundred Nineteen and Twenty Paise Only	5960.00	Rupees Five Thousand Nine Hundred Sixty Only
40	Supplying and Laying and jointing PVC pipe (class 5) with ISI mark on walls including all specials for water supply line. 32 mm dia., including cost of all labour, materials, tools, equipments, all required fitting etc. complete as per detailed specifications and directions of the Engineer-in-charge.	50.00	One Metre	156.30	Rupees One Hundred Fifty Six and Thirty Paise Only	7815.00	Rupees Seven Thousand Eight Hundred Fifteen Only

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41	Providing and fixing 15 mm nominal bore brass bib cock of approved quality and make including cost of all labour, materials, tools etc. complete as per the directions of the Engineer-in-charge.	4.00	One Number	411.18	Rupees Four Hundred Eleven and Eighteen Paise Only	1644.72	Rupees One Thousand Six Hundred Forty Four and Seventy Two Paise Only
42	Supplying and fixing good approved quality and make Chromium Plated brass grating including all materials, labour, tools etc. complete as per the directions of the Engineer-in-Charge.	1.00	One Number	150.00	Rupees One Hundred Fifty Only	150.00	Rupees One Hundred Fifty Only
43	Supplying and fixing approved good quality & make PVC floor traps 110mm dia. with 50mm deep seal and 63/75mm outlet including cost of all labour, materials, tools etc. complete as per the directions of the Engineer-in-charge.	1.00	One Number	200.00	Rupees Two Hundred Only	200.00	Rupees Two 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
44	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require : a White Vitreous China Angle back wash basin size 450x 300 mm with single 15 mm C.P. brass pillar tap including fixing to frames cost of all labour, materials, tools equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	1.00	One Number	2984.52	Rupees Two Thousand Nine Hundred Eighty Four and Fifty Two Paise Only	2984.52	Rupees Two Thousand Nine Hundred Eighty Four and Fifty Two Paise Only

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45	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with 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 : W.C. pan with ISI marked white solid plastic seat and lid including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	1.00	One Number	9085.18	Rupees Nine Thousand Eighty Five and Eighteen Paise Only	9085.18	Rupees Nine Thousand Eighty Five and Eighteen Paise Only
46	Supplying approved good quality ferro cement septic tank with wall thickness 2" with 8 mm steel frame work, full covering with welded chicken mesh with 14 gauge on both sides of frame work including transporting, loading, unloading, installing, cost of all labour, materials, tools, equipments etc. complete as per the direction of the Engineer-in charge.	2000.00	One Litre	15.00	Rupees Fifteen Only	30000.00	Rupees Thirty Thousand Only

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47	Supplying approved good quality HDPE water tanks of SYNTEX or approved equivalent brand including transporting, loading, unloading, installing, cost of all labour, materials, tools, equipments etc. complete as per the direction of the Engineer-in charge.	2000.00	One Litre	8.00	Rupees Eight Only	16000.00	Rupees Sixteen Thousand Only
48	Supplying 1 HP monoblock pump with motor set V-Guard/ Crompton Greaves or approved equivalent make single phase including fittings, cost of all labour, materials, tools for fitting etc. complete as per the direction of the Engineer-in-charge	1.00	One Number	8000.00	Rupees Eight Thousand Only	8000.00	Rupees Eight Thousand Only

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49	<p>Providing and fixing Fiber Glass Reinforced plastic (FRP) Door Frames of crosssection 90 mm x 45 mm having single rebate of 32 mm x 15 mm to receive shutter of 30 mm thickness .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 including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.</p>	5.00	One metre	923.94	Rupees Nine Hundred Twenty Three and Ninety Four Paise Only	4619.70	Rupees Four Thousand Six Hundred Nineteen 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
50	Providing and fixing to existing door frames, 30 mm thick Glass Fibre Reinforced Plastic (FRP) panelled door shutter of required colour and approved brand and manufacture, made with fire - retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate for forming hollow rails and styles, with moulded to 3 mm thick FRP laminate for forming hollow rails and styles, with wooden frame and suitable blocks of seasoned wood inside at required places for fixing of fittings, cast monolithically with 5 mm thick FRP laminate for panels conforming to IS: 14856, including fixing to frames 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	4709.14	Rupees Four Thousand Seven Hundred Nine and Fourteen Paise Only	9418.28	Rupees Nine Thousand Four Hundred Eighteen and Twenty 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
51	Providing fixing of mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6mm thick hard board backing: Rectangular shape 453x357mm, including cost of all labour, materials, tools etc. complete as per detailed specifications and	1.00	One Number	1522.46	Rupees One Thousand Five Hundred Twenty Two and Forty Six Paise Only	1522.46	Rupees One Thousand Five Hundred Twenty Two and Forty Six Paise Only
52	Supplying and fixing approved good quality and brand CP Brass stop cock (concealed) 15mm including cost of all labour, materials, tools for fitting etc. complete as per directions of the Engineer-in-charge	4.00	One Number	555.16	Rupees Five Hundred Fifty Five and Sixteen Paise Only	2220.64	Rupees Two Thousand Two Hundred Twenty and Sixty Four Paise Only
53	Supplying and fixing CP Brass angle valve 15mm including cost of all labour, materials, tools etc. complete as per detailed specifications and directions of the Engineer-in-charge.	4.00	One Number	484.16	Rupees Four Hundred Eighty Four and Sixteen Paise Only	1936.64	Rupees One Thousand Nine Hundred Thirty Six and Sixty Four 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
54	Supplying and fixing approved good quality 32mm dia. CP waste coupling including cost of all labour, materials, tools for fitting etc. complete as per the directions of the Engineer-in-charge	1.00	One Number	400.00	Rupees Four Hundred Only	400.00	Rupees Four Hundred Only
55	Supplying and fixing approved good quality and make 15mm nominal bore CP brass long body bib cock including cost of all labour, materials, tools for fitting etc. complete as per the directions of the Engineer-in-charge	1.00	One Number	750.67	Rupees Seven Hundred Fifty and Sixty Seven Paise Only	750.67	Rupees Seven Hundred Fifty and Sixty Seven Paise Only
56	Supplying and fixing approved good quality Parryware T9940A1 Slimline or approved equivalent brand Health Faucets with SS Hose & hook including cost of all labour, materials, tools for fitting etc. complete as per the directions of the Engineer-in-charge	1.00	One Number	676.50	Rupees Six Hundred Seventy Six and Fifty Paise Only	676.50	Rupees Six Hundred Seventy Six and Fifty Paise Only
57	Supplying and fixing approved good quality 100mm dia. CP Brass Shower rose with 15mm to 20mm inlet including cost of all labour, materials, tools for fitting etc. complete as per the directions of the Engineer-in-charge	1.00	One Number	206.44	Rupees Two Hundred Six and Forty Four Paise Only	206.44	Rupees Two Hundred Six and Forty Four 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
58	Constructing masonry Chamber 60x60x75 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for sluice valve, with C.I. surface box 100mm top diameter, 160 mm bottom diameter and 180 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) , i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design : 18.33.1 With common burnt clay F.P.S.(non modular) bricks of class designation 7.5 including cost of all labour, materials, tools, equipment etc. complete as per directions of the Engineer-in-charge	2.00	One Number	12623.31	Rupees Twelve Thousand Six Hundred Twenty Three and Thirty One Paise Only	25246.62	Rupees Twenty Five Thousand Two Hundred Forty Six and Sixty 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
59	Providing and fixing Automatic water level controller of Vudeon or approved equivalent make suitable for single phase/three phase connections including cost of all labour, materials, tools etc. complete as per the direction of the Engineer-in-charge.	1.00	One number	5750.00	Rupees Five Thousand Seven Hundred Fifty Only	5750.00	Rupees Five Thousand Seven Hundred Fifty Only
60	Supplying and fixing approved good quality CP Brass soap tray including cost of all labour, materials, tool for fitting etc. complete as per directions of the Engineer in charge	1.00	One number	400.00	Rupees Four Hundred Only	400.00	Rupees Four Hundred Only
61	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required Made of G.I. wire of dia 4 mm including cost of all labour, materials, tools, etc. complete as per directions of the Engineer-in-charge.	64.61	One Square Metre	1083.43	Rupees One Thousand Eighty Three and Forty Three Paise Only	70000.41	Rupees Seventy Thousand and Forty 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
62	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	40.00	One Square metre	1,030.00	Rupees One Thousand Thirty Only	41,200.00	Rupees Forty One Thousand Two 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
63a	Providing and fixing up to floor five level precast cement concrete solid block for providing partition wall for seperation of area for MT sheds, drivers rest room etc. including hoisting and setting in position with cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering, shuttering complete : 1:1½:3 (1 Cement: 1½ coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size) including cost of all labour, materials, tools, equipments, curing etc. complete as per detailed specifications and directions of Engineer-in-Charge.	3.20	One Cubic Metre	19354.16	Rupees Nineteen Thousand Three Hundred Fifty Four and Sixteen Paise Only	61933.31	Rupees Sixty One Thousand Nine Hundred Thirty Three and Thirty One Paise Only
63b	Plastering wih cement mortar 1:4 (1 cement: 4 fine sand) 12 mm thick including finishing, curing, all labour, materials, scaffolding, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-charge.	49.815	One Square Metre	362.66	Rupees Three Hundred Sixty Two and Sixty Six Paise Only	18065.91	Rupees Eighteen Thousand Sixty 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
64a	Structural steel work welded in built up sections for sunshade of chajha, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-charge all complete.	149.97	One Kilogram	138.28	Rupees One Hundred Thirty Eight and Twenty Eight Paise Only	20737.85	Rupees Twenty Thousand Seven Hundred Thirty Seven and Eighty Five Paise Only
64b	Providing and fixing roofing with oranium or approved equivalent coloured Aluminium sheet 0.56mm thick for sunshade of chajha including J bolts, L hooks, washers and self drilling screws wherever necessary including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	14.94	One Square metre	753.80	Rupees Seven Hundred Fifty Three and Eighty Paise Only	11261.77	Rupees Eleven Thousand Two Hundred Sixty One and Seventy Seven Paise Only
	Total					2205138.85	Rupees Twenty Two Lakh Five Thousand One Hundred Thirty Eight and Eighty Four 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
BIDDERS QUOTING AREA							
				Departmental Estimated amount	Percentage quoted above/ below the Departmental Amount		Above/ Below
Percentage quoted above/ below the departmental amount shown in the above schedule					In Figures	In Words	
	Notes : 1. The Tenderer shall quote either plus or minus sign (eg: +5 or -5) and in figures and words 2. Only two decimal digits shall be accepted 3. Tenderers shall also quote Above/ Below in words themselves in the last column. 4. In case of discrepancy in words and figures the quoted figure in word will prevail			2205138.85			
" This is an Electronic Submission. No Need of Signature"							