COCHIN PORT TRUST

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Tender No: T6/T-1932/2020-C Date: 16.11.2020-(PRICE BID)

Name of Wok: "RENOVATION OF EASTERN HALF OF CFS OFFICE AT GROUND FLOOR AREA"

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

	Please Enter the Contractor						
Sl.N o:	Sub- heads and items of work	Approxi-mate Quantity	Unit	Department al rates (Rs) in figures	i Denartmentai rates i	Amount (Rs) in figures	Amount (Rs) in words
	Т6/Т-1932/2020 -С						
1	Taking out doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead Area 3 sq. metres and below as per the directions of Engineer-in-Charge.	22.00	each	144.81	Rupees One Hundred Forty Four and Eighty One Paise Only	3185.82	Rupees Three Thousand One Hundred Eighty Five and Eighty Two Paise Only
2	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 as per detailed specifications and directions of Engineer-in-Charge.	95.00	m ³	1997.65	Rupees One Thousand Nine Hundred Ninety Seven and Sixty Five Paise Only	189776.75	Rupees One Lakh Eighty Nine Thousand Seven Hundred Seventy Six and Seventy Five Paise Only

Sl.N o:	Sub- heads and items of work	Approxi-mate Quantity	Unit	Department al rates (Rs) in figures	i Denarimentai rateci	Amount (Rs) in figures	Amount (Rs) in words
3	Demolishing R.C.C. work by mechanical means and stockpiling at designated locations and disposal of dismantled materials up to a lead of 1 kilometre, stacking serviceable and unserviceable material separately including cutting reinforcement bars as per detailed specifications and directions of Engineer-in-Charge.	6.00	m^3	2894.76	Rupees Two Thousand Eight Hundred Ninety Four and Seventy Six Paise Only	17368.56	Rupees Seventeen Thousand Three Hundred Sixty Eight and Fifty Six Paise Only
4	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix). as per detailed specifications and directions of Engineer-in-Charge.	65.00	m ³	2361.26	Rupees Two Thousand Three Hundred Sixty One and Twenty Six Paise Only	153481.90	Rupees One Lakh Fifty Three Thousand Four Hundred Eighty One and Ninety Paise Only
5	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil.as per detailed specifications and directions of Engineer-in-Charge.	60.00	m^3	342.89	Rupees Three Hundred Forty Two and Eighty Nine Paise Only	20573.40	Rupees Twenty Thousand Five Hundred Seventy Three and Forty Paise Only

Sl.N o:	Sub- heads and items of work	Approxi-mate Quantity	Unit	Department al rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
6	Rebarring for fixing reinforcemet work of additional plinth beams using 16mm/ 20mm FE 500D or more grade reinforcement as per detailed specifications and directions of Engineer-in-Charge.	120.00	each	268.00	Rupees Two Hundred Sixty Eight Only	32160.00	Rupees Thirty Two Thousand One Hundred Sixty Only
7	Centering and shuttering including strutting, propping etc. and removal of form work for: Foundations, footings, bases for columns. as per detailed specifications, drawing and directions of Engineer-in-Charge.	19.00	m^2	387.12	Rupees Three Hundred Eighty Seven and Twelve Paise Only	6968.16	Rupees Six Thousand Nine Hundred Sixty Eight and Sixteen Paise Only
8	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size) as per detailed specifications,drawings and directions of Engineer-in-Charge.	19.00	m^3	7868.30	Rupees Seven Thousand Eight Hundred Sixty Eight and Thirty Paise Only	149497.70	Rupees One Lakh Forty Nine Thousand Four Hundred Ninety Seven and Seventy Paise Only
9	Centering and shuttering including strutting, propping etc. and removal of form for: Lintels, beams, plinth beams, girders, bressumers and cantilevers as per detailed specifications,drawings and directions of Engineer-in-Charge.	250.00	m ²	750.26	Rupees Seven Hundred Fifty and Twenty Six Paise Only	187565.00	Rupees One Lakh Eighty Seven Thousand Five Hundred Sixty Five Only

Sl.N o:	Sub- heads and items of work	Approxi-mate Quantity	Unit	Department al rates (Rs) in figures	Hengrimental rates	Amount (Rs) in figures	Amount (Rs) in words
	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level: 1:1.5:3 (1 cement: 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size). as per detailed specifications, drawings and directions of Engineer-in-Charge.	50.00	m ³	10489.41	Rupees Ten Thousand Four Hundred Eighty Nine and Forty One Paise Only	524470.50	Rupees Five Lakh Twenty Four Thousand Four Hundred Seventy and Fifty Paise Only
	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 as per detailed specifications, drawings and directions of Engineer-in-Charge.	6.00	m^3	13269.39	Rupees Thirteen Thousand Two Hundred Sixty Nine and Thirty Nine Paise Only	79616.34	Rupees Seventy Nine Thousand Six Hundred Sixteen and Thirty Four Paise Only

Sl.N o:	Sub- heads and items of work	Approxi-mate Quantity	Unit	Department al rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
12	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 as per detailed specifications, drawings and directions of Engineer-in-Charge.	10000.00	kg	113.48	Rupees One Hundred Thirteen and Forty Eight Paise Only	1134800.00	Rupees Eleven Lakh Thirty Four Thousand Eight Hundred Only
	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m as per detailed specifications and directions of Engineer-in-Charge.	31.00	m ³	298.51	Rupees Two Hundred Ninety Eight and Fifty One Paise Only	9253.81	Rupees Nine Thousand Two Hundred Fifty Three and Eighty One Paise Only
	Providing & filling with 6mm metal mixed with quarry dust inside basement including consolidation as per the directions of Engineer-in-Charge.		m ³	3099.70	Rupees Three Thousand Ninety Nine and Seventy Paise Only	154985.00	Rupees One Lakh Fifty Four Thousand Nine Hundred Eighty Five Only

Sl.N o:	Sub- heads and items of work	Approxi-mate Quantity	Unit	Department al rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
15	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) as per detailed specifications, drawings and directions of Engineer-in-Charge.	90.00	m ³	19354.16	Rupees Nineteen Thousand Three Hundred Fifty Four and Sixteen Paise Only	1741874.40	Rupees Seventeen Lakh Forty One Thousand Eight Hundred Seventy Four and Forty Paise Only
16	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead as per detailed specifications and directions of Engineer-in-Charge.	47.00	m ²	53.00	Rupees Fifty Three Only	2491.00	Rupees Two Thousand Four Hundred Ninety One Only
	12 mm cement plaster: 1:4 (1 cement : 4 fine sand). as per detailed specifications and directions of Engineer-in-Charge.		m ²	362.66	Rupees Three Hundred Sixty Two and Sixty Six Paise Only	380793.00	Rupees Three Lakh Eighty Thousand Seven Hundred Ninety Three Only
18	6 mm cement plaster of mix: 1:3 (1 cement: 3 fine sand) as per detailed specifications and directions of Engineer-in-Charge.		m ²	308.98	Rupees Three Hundred Eight and Ninety Eight Paise Only	15449.00	Rupees Fifteen Thousand Four Hundred Forty Nine Only

Sl.N o:	Sub- heads and items of work	Approxi-mate Quantity	Unit	Department al rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement: 4 coarse sand), including grouting the joints with white cement and matching pigments etc., complete.Size of Tile 600x600 mm. as per detailed specifications and directions of Engineer-in-Charge.	140.00	m^2	2039.31	Rupees Two Thousand Thirty Nine and Thirty One Paise Only	285503.40	Rupees Two Lakh Eighty Five Thousand Five Hundred Three and Forty Paise Only
	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), including grouting the joints with white cement and matching pigments etc., complete as per detailed specifications and directions of Engineer-in-Charge.	42.00	m^2	1479.18	Rupees One Thousand Four Hundred Seventy Nine and Eighteen Paise Only	62125.56	Rupees Sixty Two Thousand One Hundred Twenty Five and Fifty Six Paise Only

Sl.N o:	Sub- heads and items of work	Approxi-mate Quantity	Unit	Department al rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
21	Providing and fixing Ist 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 @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete as per detailed specifications and directions of Engineer-in-Charge.	145.00	m^2	1400.22	Rupees One Thousand Four Hundred and Twenty Two Paise Only	203031.90	Rupees Two Lakh Three Thousand Thirty One and Ninety Paise Only
22	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately). Kiln seasoned and chemically treated hollock wood complete as per detailed specifications, drawings and directions of Engineer-in-Charge.	3.00	m^3	143143.88	Rupees One Lakh Forty Three Thousand One Hundred Forty Three and Eighty Eight Paise Only	429431.64	Rupees Four Lakh Twenty Nine Thousand Four Hundred Thirty One and Sixty Four Paise Only

Sl.N o:	Sub- heads and items of work	Approxi-mate Quantity	Unit	Department al rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick: Kiln seasoned and chemically treated hollock wood complete as per detailed specifications, drawings and directions of Engineer-in-Charge.	14.00	m^2	2649.65	Rupees Two Thousand Six Hundred Forty Nine and Sixty Five Paise Only	37095.10	Rupees Thirty Seven Thousand Ninety Five and Ten Paise Only

Sl.N o:	Sub- heads and items of work	Approxi-mate Quantity	Unit	Department al rates (Rs) in figures	i Jenarimentai rateci	Amount (Rs) in figures	Amount (Rs) in words
24	Providing and fixing factory made uPVC white colour casement/casement cum fixed glazed windows comprising of uPVC multi-chambered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required)	14.00	m^2	12681.20	Rupees Twelve Thousand Six Hundred Eighty One and Twenty Paise Only	177536.80	Rupees One Lakh Seventy Seven Thousand Five Hundred Thirty Six and Eighty Paise Only

Sl.N o:	Sub- heads and items of work	Approxi-mate Quantity	Unit	Department al rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
	shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately) Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerancein dimension i.e. in depth & width of profile shall be acceptable. Variation in profile dimension in higher side shall be accepted but no extra payment on this account shall be made. Casement window single panel with S.S. friction hinges (400 x 19 x 1.9 mm) made of (big series)frame 67 x 60 mm & sash 67 x 80 mm both having wall thickness of 2.3 ± 0.2 mm and single glazing bead / double glazing bead of appropriate dimension. (Area of window above 0.75 sqm.)						

Sl.N o:	Sub- heads and items of work	Approxi-mate Quantity	Unit	Department al rates (Rs) in figures	i Denartmental rateci	Amount (Rs) in figures	Amount (Rs) in words
	Providing and fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete 4.0mm thick glass panes including cost of all labour, materials, tools etc. complete as per direction of the Engineer-in-charge.	10.50	m ²	1223.88	Rupees One Thousand Two Hundred Twenty Three and Eighty Eight Paise Only	12850.74	Rupees Twelve Thousand Eight Hundred Fifty and Seventy Four Paise Only

Sl.N o:	Sub- heads and items of work	Approxi-mate Quantity	Unit	Department al rates (Rs) in figures	i Denarimeniai raieci	Amount (Rs) in figures	Amount (Rs) in words
26	Providing and fixing factory made uPVC white colour casement/casement cum fixed glazed windows comprising of uPVC multi-chambered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required)	4.50	m^2	12888.46	Rupees Twelve Thousand Eight Hundred Eighty Eight and Forty Six Paise Only	57998.07	Rupees Fifty Seven Thousand Nine Hundred Ninety Eight and Seven Paise Only

Sl.N o:	Sub- heads and items of work	Approxi-mate Quantity	Unit	Department al rates (Rs) in figures	i i jenarimentai rateci	Amount (Rs) in figures	Amount (Rs) in words
	shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately) Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerancein dimension i.e. in depth & width of profile shall be acceptable. Variation in profile dimension in higher side shall be accepted but no extra payment on this account shall be made. Casement window single panel with S.S. friction hinges (300 x 19 x 1.9 mm), made of (small series) frame 47 x 50 mm & sash 47 x 68 mm both having wall thickness of 1.9 ± 0.2 mm and single glass pane glazing bead of appropriate dimension. (Area of window upto 0.75 sqm.)						

Sl.N o:	Sub- heads and items of work	Approxi-mate Quantity	Unit	Department al rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
27	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to openings /wooden frames with rawl plugs screws etc. including cost of all labour, material, tools etc. complete as per directions of the Engineer-in-charge.		Kg	249.38	Rupees Two Hundred Forty Nine and Thirty Eight Paise Only	99752.00	Rupees Ninety Nine Thousand Seven Hundred Fifty Two Only
	Providing and fixing Fiber Glass Reinforced plastic (FRP) Door Frames of cross-section 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 complete as per detailed specifications and directions of Engineer-in-Charge.	55.00	m	923.94	Rupees Nine Hundred Twenty Three and Ninety Four Paise Only	50816.70	Rupees Fifty Thousand Eight Hundred Sixteen and Seventy Paise Only

Sl.N o:	Sub- heads and items of work	Approxi-mate Quantity	Unit	Department al rates (Rs) in figures	i Denartmental rateci	Amount (Rs) in figures	Amount (Rs) in words
	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 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 complete as per detailed specifications and directions of Engineer-in-Charge.	19.00	m^2	4709.14	Rupees Four Thousand Seven Hundred Nine and Fourteen Paise Only	89473.66	Rupees Eighty Nine Thousand Four Hundred Seventy Three and Sixty Six Paise Only
	Applying priming coat with ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/ steel works complete as per detailed specifications and directions of Engineer-in-Charge.	40.00	m^2	68.90	Rupees Sixty Eight and Ninety Paise Only	2756.00	Rupees Two Thousand Seven Hundred Fifty Six Only

Sl.N o:	Sub- heads and items of work	Approxi-mate Quantity	Unit	Department al rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
31	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface: Water thinnable cement primer complete as per detailed specifications and directions of Engineer-in-Charge.	550.00	m ²	81.54	Rupees Eighty One and Fifty Four Paise Only	44847.00	Rupees Forty Four Thousand Eight Hundred Forty Seven Only
32	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 complete as per detailed specifications and directions of Engineer-in-Charge.	700.00	m^2	154.79	Rupees One Hundred Fifty Four and Seventy Nine Paise Only	108353.00	Rupees One Lakh Eight Thousand Three Hundred Fifty Three Only
33	Finishing walls with premium Acrylic Smooth exterior paint with silicon additives of required shade: New work (Two or more coats applied at 1.43 ltr/10sqm over and including priming coat of of exterior primer applied @ 2.20g/10sqm) including cost of all labour, materials etc. complete as per detailed specifications and directions of Engineer-in-Charge.	470.00	m^2	219.01	Rupees Two Hundred Nineteen and One Paise Only	102934.70	Rupees One Lakh Two Thousand Nine Hundred Thirty Four and Seventy Paise Only

Sl.N o:	Sub- heads and items of work	Approxi-mate Quantity	Unit	Department al rates (Rs) in figures	i Denartmentai rateci	Amount (Rs) in figures	Amount (Rs) in words
	Applying priming coat: With ready mixed pink or Grey primer of approved brand and manufacture on wood work (Hard & soft wood) includin cost of all labour, materials etc. complete as per directions of Engineer-in-charge.	40.00	m ²	77.53	Rupees Seventy Seven and Fifty Three Paise Only	3101.20	Rupees Three Thousand One Hundred One and Twenty Paise Only
	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade: Two or more coats on new work complete as per detailed specifications and directions of Engineer-in-Charge.	80.00	m^2	165.19	Rupees One Hundred Sixty Five and Nineteen Paise Only	13215.20	Rupees Thirteen Thousand Two Hundred Fifteen and Twenty Paise Only
36	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. For fixed portion Powder coated aluminium (minimum thickness of powder coating 50 micron) complete as per detailed specifications, drawings and directions of Engineer-in-Charge.	215.00	kg	620.13	Rupees Six Hundred Twenty and Thirteen Paise Only	133327.95	Rupees One Lakh Thirty Three Thousand Three Hundred Twenty Seven and Ninety Five Paise Only

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37	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 shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) Powder coated aluminium (minimum thickness of powder coating 50 micron)	50.00	kg	742.51	Rupees Seven Hundred Forty Two and Fifty One Paise Only	37125.50	Rupees Thirty Seven Thousand One Hundred Twenty Five and Fifty Paise Only

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38	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of Engineer-in-charge. Pre-laminated particle board with decorative lamination on both sides complete as per detailed specifications, drawings and directions of Engineer-in-Charge.	26.00	m^2	1422.78	Rupees One Thousand Four Hundred Twenty Two and Seventy Eight Paise Only	36992.28	Rupees Thirty Six Thousand Nine Hundred Ninety Two and Twenty Eight Paise Only
39	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer-in-charge. (Cost of aluminium snap beading shall be paid in basic item): With float glass panes of 5.0 mm thickness complete as per detailed specifications and directions of Engineer-in-Charge.	16.00	m^2	1761.86	Rupees One Thousand Seven Hundred Sixty One and Eighty Six Paise Only	28189.76	Rupees Twenty Eight Thousand One Hundred Eighty Nine and Seventy Six Paise Only

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40	Providing and fixing double action hydraulic floor spring of approvedbrand and manufacture conforming to IS: 6315, having brand logo embossed on the body / plate with double spring mechanism and door weight upto 125 kg, for doors,including cost of cutting floors,embedding in floors as required and making good the same matching to the existing floor finishing and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete as per the direction of Engineer-in-charge. With stainless steel cover plate minimum 1.25 mm thickness complete as per detailed specifications, drawings and directions of Engineer-in-Charge.	3.00	each	3278.68	Rupees Three Thousand Two Hundred Seventy Eight and Sixty Eight Paise Only	9836.04	Rupees Nine Thousand Eight Hundred Thirty Six and Four Paise Only

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41	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS: 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete as per directions of the Engineer-in-charge.		Each	1363.80	Rupees One Thousand Three Hundred Sixty Three and Eighty Paise Only	4091.40	Rupees Four Thousand Ninety One and Forty Paise Only
42	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: 17.2.1 W.C. pan with ISI marked white solid plastic seat and lid including cost of all laour, materials etc. complete as per detailed specifications and directions of the Engineer-in-charge.	9.00	Each	7149.84	Rupees Seven Thousand One Hundred Forty Nine and Eighty Four Paise Only	64348.56	Rupees Sixty Four Thousand Three Hundred Forty Eight and Fifty Six Paise Only

Sl.N o:	Sub- heads and items of work	Approxi-mate Quantity	Unit	Department al rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 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: 17.1.1 White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	1.00	Nos	7368.04	Rupees Seven Thousand Three Hundred Sixty Eight and Four Paise Only	7368.04	Rupees Seven Thousand Three Hundred Sixty Eight and Four Paise Only

Sl.N o:	Sub- heads and items of work	Approxi-mate Quantity	Unit	Department al rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required: One urinal basin with 5 litre white P.V.C. automatic flushing cistern complete as per detailed specifications and directions of Engineer-in-Charge.	3.00	each	6771.08	Rupees Six Thousand Seven Hundred Seventy One and Eight Paise Only	20313.24	Rupees Twenty Thousand Three Hundred Thirteen and Twenty Four Paise Only

Sl.N o:	Sub- heads and items of work	Approxi-mate Quantity	Unit	Department al rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
	White Vitreous China Flat back wash basin size 450x300 mm with single 15 mm C.P. brass pillar tap 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 White Vitreous China Wash basin size 630x450 mm with 15 mm C.P. brass pillar taps complete as per detailed specifications and directions of Engineer-in-Charge.	7.00	each	4196.31	Rupees Four Thousand One Hundred Ninety Six and Thirty One Paise Only	29374.17	Rupees Twenty Nine Thousand Three Hundred Seventy Four and Seventeen Paise Only
	Providing and fixing PVC waste pipe for sink or wash basin including PVC waste fittings complete. Flexible pipe 32mm dia. including cost of all labour, materials etc. complete as per the directions of the Engineer-in-charge.	7.00	Each	137.40	Rupees One Hundred Thirty Seven and Forty Paise Only	961.80	Rupees Nine Hundred Sixty One and Eighty Paise Only
47	Supplying and fixing PVC floor traps 110mm dia. with 50mm deep seal and 63/75mm outlet, complete as per detailed specifications and directions of Engineer-in-Charge.		each	200.00	Rupees Two Hundred Only	3600.00	Rupees Three Thousand Six Hundred Only

Sl.N o:	Sub- heads and items of work	Approxi-mate Quantity	Unit	Department al rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
48	Supplying and laying/fixing 160mm dia. PVC pipe(class 2) buried/above ground for drainage disposal, complete as per detailed specifications and directions of Engineer-in-Charge.	42.00	m	612.10	Rupees Six Hundred Twelve and Ten Paise Only	25708.20	Rupees Twenty Five Thousand Seven Hundred Eight and Twenty Paise Only
	Supplying and laying/fixing 110mm dia. PVC pipe(class 2) buried/above ground for drainage disposal, complete as per detailed specifications and directions of Engineer-in-Charge.	32 00	m	338.80	Rupees Three Hundred Thirty Eight and Eighty Paise Only	10841.60	Rupees Ten Thousand Eight Hundred Forty One and Sixty Paise Only
50	Supplying and laying/ fixing 63mm dia. PVC pipe(class 2) buried/ above ground for drainage disposal, complete as per detailed specifications and directions of Engineer-in-Charge.		m	172.50	Rupees One Hundred Seventy Two and Fifty Paise Only	7245.00	Rupees Seven Thousand Two Hundred Forty Five Only
	Supplying and Laying and jointing PVC pipe (class 5) with ISI mark on walls including all specials for water supply line. 40 mm dia., complete as per detailed specifications and directions of Engineer-in-Charge.		m	122.10	Rupees One Hundred Twenty Two and Ten Paise Only	9157.50	Rupees Nine Thousand One Hundred Fifty Seven and Fifty Paise Only

Sl.N o:	Sub- heads and items of work	Approxi-mate Quantity	Unit	Department al rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
52	Supplying and Laying and jointing PVC pipe (class 5) with ISI mark on walls including all specials for water supply line. 25 mm dia., complete as per detailed specifications and directions of Engineer-in-Charge.	50.00	m	119.20	Rupees One Hundred Nineteen and Twenty Paise Only	5960.00	Rupees Five Thousand Nine Hundred Sixty Only
	Supplying and Laying and jointing PVC pipe (class 5) with ISI mark on walls including all specials for water supply line. 20 mm dia., complete as per detailed specifications and directions of Engineer-in-Charge.		m	109.70	Rupees One Hundred Nine and Seventy Paise Only	2742.50	Rupees Two Thousand Seven Hundred Forty Two and Fifty Paise Only
54	Providing and fixing PTMT towel rail complete with bracket fixed to wooden cleats with CP brass srews with concealed fittings arrangements of approved quality and colour 600 mm long, towel rail with total length of 645mm, width 78mm and effective height of 88mm, wight not less than 190gms complete as per directions of Engineer-in-Charge.	7.00	each	809.31	Rupees Eight Hundred Nine and Thirty One Paise Only	5665.17	Rupees Five Thousand Six Hundred Sixty Five and Seventeen Paise Only

Sl.N o:	Sub- heads and items of work	Approxi-mate Quantity	Unit	Department al rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
55	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 thic hard board backing: Rectangular shape 453x357mm, complete as per directions of Engineer-in-Charge.	7.00	each	1522.46	Rupees One Thousand Five Hundred Twenty Two and Forty Six Paise Only	10657.22	Rupees Ten Thousand Six Hundred Fifty Seven and Twenty Two Paise Only
56	Providing and fixing 15mm dia. or nearest available size Chromium plated brass tap (Heavy Type) of weight not less than 400g, complete as per detailed specifications and directions of Engineer-in-Charge.		Each	375.50	Rupees Three Hundred Seventy Five and Fifty Paise Only	4130.50	Rupees Four Thousand One Hundred Thirty and Fifty Paise Only
57	Supplying and fixing Brass hard drawn hooks and eyes as directed by the Engineer-in-charge		Each	46.89	Rupees Forty Six and Eighty Eight Paise Only	2719.45	Rupees Two Thousand Seven Hundred Nineteen and Forty Four Paise Only
58	Supplying and fixing Brass casement stays (Straight peg type) 200mm weighing not less than 0.24Kg as directed by the Engineer-in-charge.		Each	129.11	Rupees One Hundred Twenty Nine and Eleven Paise Only	4906.18	Rupees Four Thousand Nine Hundred Six and Eighteen Paise Only

Sl.N o:	Sub- heads and items of work	Approxi-mate Quantity	Unit	Department al rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
	Providing and fixing Chromium plated brass butt hinges with necessary Chromium plated brass screws etc. complete 125x70x4mm (ordinary type) as per the direction of the Engineer-incharge.	21.00	Each	231.17	Rupees Two Hundred Thirty One and Seventeen Paise Only	4854.57	Rupees Four Thousand Eight Hundred Fifty Four and Fifty Seven Paise Only
60	Providing and fixing 85x42mm Chromium plated brass pull bolt lock with necessary Chromium plated brass screws, nuts, bolts and washers etc. complete as per the direction of the Engineer-in-charge.	7.00	Each	333.24	Rupees Three Hundred Thirty Three and Twenty Four Paise Only	2332.68	Rupees Two Thousand Three Hundred Thirty Two and Sixty Eight Paise Only

Sl.N o:	Sub- heads and items of work	Approxi-mate Quantity	Unit	Department al rates (Rs) in figures	i Denarimentai rateci	Amount (Rs) in figures	Amount (Rs) in words
61	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing: 1:2:4 (1 Cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size) including cost of all labour, materials etc. complete as per detailed specifications and directions of the Engineer-in-charge.	16.00	m3	11625.91	Rupees Eleven Thousand Six Hundred Twenty Five and Ninety One Paise Only	186014.56	Rupees One Lakh Eighty Six Thousand Fourteen and Fifty Six Paise Only
	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.		m ³	188.70	Rupees One Hundred Eighty Eight and Seventy Paise Only	37740.00	Rupees Thirty Seven Thousand Seven Hundred Forty Only

Sl.N o:	Sub- heads and items of work	Approxi-mate Quantity	Unit	Department al rates (Rs) in figures	Henartmental rates	Amount (Rs) in figures	Amount (Rs) in words
	Total					7281336.88	Rupees Seventy Two Lakh Eighty One Thousand Three Hundred Thirty Six and Eighty Seven Paise Only

Sl.N o:	Sub- heads and items of work	Approxi-mate Quantity	Unit	Department al rates (Rs) in figures	i i jenari meniai rajeci	Amount (Rs) in figures	Amount (Rs) in words
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Perce	Percentage quoted above/ below the departmental amount shown in the above schedule				In Figures	In Words	
	Notes: 1.The quotationer shall quote either (eg: +5 or -5) and in figures and wo 2. Only two decimal digits shall be 3.quotationers shall also quote Ab themselves in the last column. 4.In case of discepancy in words ar figure in word will prevail 5. Wrongful entry of quotes shall er besides other actions as the Employ	words quoted	7281336.88				
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