

Tender Inviting Authority:			No. 06	
Name of Work: Construction of First floor to the Agri Microbiology department building under CoH, at M.C Vellanikkara.				
Contract No: Civil Works/				
Bidder Name:		Excess (+)		%

SCHEDULE OF WORKS

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
1.00	od572/2017_2018 : Chipping and removing portions of existing RCC work care fully without damaging the remaining structure and removing the derbies with a distance of 150 m	.70	cum	6815.84	Rupees Six Thousand Eight Hundred Fifteen And Paise Eighty Four Only	4771.09
2.00	15.7.4 : 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	2.50	cum	1156.61	Rupees One Thousand One Hundred Fifty Six And Paise Sixty One Only	2891.53
3.00	15.28.1 : Dismantling roofing including ridges, hips, velleys and gutters etc., and stacking the material within 50 metres lead of :G.S. Sheet	4.00	sqm	96.21	Rupees Ninety Six And Paise Twenty One Only	384.84
4.00	5.9.6 : Centering and shuttering including strutting, etc. and removal of form for:Columns, Pillars, Piers, Abutments, Posts and Struts	35.00	sqm	642.12	Rupees Six Hundred Forty Two And Paise Twelve Only	22474.20
5.00	5.9.5 : Centering and shuttering including strutting, etc. and removal of form for:Lintels, beams, plinth beams, girders bressumers and cantilevers	70.00	sqm	470.63	Rupees Four Hundred Seventy And Paise Sixty Three Only	32944.10

6.00	5.9.3 : Centering and shuttering including strutting, etc. and removal of form for:Suspended floors, roofs, landings, balconies and access platform	70.00	sqm	579.61	Rupees Five Hundred Seventy Nine And Paise Sixty One Only	40572.70
7.00	5.2.2 : Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up tot floor five level excluding cost of centering, shuttering, finishing and reinforcement :1:1.5:3(1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	1.60	cum	9807.61	Rupees Nine Thousand Eight Hundred Seven And Paise Sixty One Only	15692.18
8.00	5.3 : Reinforced cement concrete work in beams, suspended floors, roofs, having slope up to 15⁰ landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement, with1:1.5:3 (1 cement : 1.5 coarse sand (Zone III) : 3 graded stone aggregate 20 mm nominal size).	13.50	cum	10143.87	Rupees Ten Thousand One Hundred Forty Three And Paise Eighty Seven Only	136942.25
9.00	50.4.1.1 : Providing and laying in position cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size) up to floor five level excluding the cost of centering, shuttering, finishing for leveling coarse of floor and roof etc.Providing and laying in position cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size) up to floor five level excluding the cost of centering, shuttering, finishing for leveling coarse of floor and roof etc.	.60	cum	7484.93	Rupees Seven Thousand Four Hundred Eighty Four And Paise Ninety Three Only	4490.96
10.00	od573/2017_2018 : Supplying and fixing SS hook best quality	1.201	per kg	185.85	Rupees One Hundred Eighty Five And Paise Eighty Five Only	223.21

11.00	9.53 : Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embeddings in cement concrete block 30x10x15 cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	6.00	each	162.78	Rupees One Hundred Sixty Two And Paise Seventy Eight Only	976.68
12.00	5.22A.6 : Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete above plinth level.Thermo - Mechanically Treated bars	1800.00	kg	77.68	Rupees Seventy Seven And Paise Sixty Eight Only	139824.00
13.00	50.6.1.5 : Solid block masonry using pre cast solid blocks (Factory made) of size 30x20x20cm or nearest available size confirming to IS 2185 Part I of 1979 for super structure up to floor two level thickness 20cm and above in: CM 1:6 (1 cement : 6 coarse sand) etc complete	16.00	cum	5681.51	Rupees Five Thousand Six Hundred Eighty One And Paise Fifty One Only	90904.16
14.00	9.121 : 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 laminated 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.	12.00	metre	570.27	Rupees Five Hundred Seventy And Paise Twenty Seven Only	6843.24
15.00	9.122.1 : Providing and fixing to existing door frames.30 mm thick Glas 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.	3.00	sqm	3002.14	Rupees Three Thousand Two And Paise Fourteen Only	9006.42

16.00	9.70.2 : Providing and fixing IS : 12817 marked stainless steel butt hinges with stainless steel screws etc. complete:100x58x1.90 mm	8.00	no	79.19	Rupees Seventy Nine And Paise Nineteen Only	633.52
17.00	9.97.3 : Providing and fixing aluminium tower bolts, ISI marked, anodised(anodic coating not less than grade AC 10 as per : 1868), transparent or dyed to required colour or shade, with necessary screws complete:200x10 mm	4.00	no	104.52	Rupees One Hundred Four And Paise Fifty Two Only	418.08
18.00	9.100.1 : Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete:125 mm	4.00	no	70.13	Rupees Seventy And Paise Thirteen Only	280.52
19.00	50.9.15.1 : Supplying and fixing 200 mm Aluminium aldrop	2.00	no	171.21	Rupees One Hundred Seventy One And Paise Twenty One Only	342.42
20.00	13.1.1 : 12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)	220.00	sqm	237.37	Rupees Two Hundred Thirty Seven And Paise Thirty Seven Only	52221.40
21.00	50.13.1 : 9 mm cement plastering of mix : 1:3 (1 cement : 3 fine sand) including all cost of materials, labour charges etc complete9 mm cement plastering of mix : 1:3 (1 cement : 3 fine sand) including all cost of materials, labour charges etc complete	100.00	sqm	221.80	Rupees Two Hundred Twenty One And Paise Eighty Only	22180.00
22.00	13.7.1 : 12 mm cement plaster finished with a floating coat of neat cement of mix:1:3 (1 cement : 3 fine sand)	90.00	sqm	311.28	Rupees Three Hundred Eleven And Paise Twenty Eight Only	28015.20
23.00	od574/2017_2018 : Providing 10X12mm groove by cutting plastering on walls in between concrete beams and masonry in line and level.	65.00	metre	77.61	Rupees Seventy Seven And Paise Sixty One Only	5044.65
24.00	od575/2017_2018 : Providing water cut beeding 25 mm wide and 15 mm thick in CM 1:3	80.00	metre	47.83	Rupees Forty Seven And Paise Eighty Three Only	3826.40

25.00	50.18.8.3.2 : Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chases and making good the wall etc. 25 mm pipe 10kgf /cm2	15.00	metre	312.76	Rupees Three Hundred Twelve And Paise Seventy Six Only	4691.40
26.00	9.48.2 : 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	250.00	kg	154.34	Rupees One Hundred Fifty Four And Paise Thirty Four Only	38585.00
27.00	21.1.1.2 : 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 portionPowder coated aluminium (minimum thickness of powder coating 50 micron)	65.00	kg	527.73	Rupees Five Hundred Twenty Seven And Paise Seventy Three Only	34302.45
28.00	21.1.2.2 : 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)	40.00	kg	610.69	Rupees Six Hundred Ten And Paise Sixty Nine Only	24427.60

29.00	21.3.1 : 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 4.0 mm thickness	12.00	sqm	1017.71	Rupees One Thousand Seventeen And Paise Seventy One Only	12212.52
30.00	od576/2017_2018 : white cement priming coat over newly plastered surface and cleaning the surface	320.00	sqm	15.92	Rupees Fifteen And Paise Ninety Two Only	5094.40
31.00	13.61.1 : Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two or more coats on new work	13.00	sqm	107.60	Rupees One Hundred Seven And Paise Sixty Only	1398.80
Total Estimated Cost in Figures						742615.90
Quoted Amount					742615.90	742616.00
Quoted Rate in Words		Rupees Seven Lakh(s) Forty Two Thousand Six Hundred Sixteen Only				

DIRECTOR OF PHYSICAL PLANT(i/c)