

Tender Inviting Authority:					No.03	
Work Name : Renovation works of Agricultural Engg workshop building at M.C, Vellanikkara						
Contract No:						
Bidder Name :						
Sl. No.	Item Description	Quantity	Units	Estimated Rate		TOTAL AMOUNT
				Figures	Words	
1.00	15.12.1 : Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead:Of area 3 sq. metres and below	2.00	each	216.65	Rupees Two Hundred Sixteen And Paise Sixty Five Only	433.30
2.00	60.7.1 : DRY RUBBLE MASONRY _ Dry rubble without concrete levelling course masonry with good quality blasted rubble including packing to compactness to lines and levels cost and conveyance of all materials labour charges etc. complete as per direction of Departmental officers at site	6.00	cum	2634.24	Rupees Two Thousand Six Hundred Thirty Four And Paise Twenty Four Only	15805.44
3.00	15.56 : 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.	110.00	sqm	30.74	Rupees Thirty And Paise Seventy Four Only	3381.40
4.00	14.4.1 : Making the opening in brick masonry including dismantling in floor or walls by cutting masonry and making good the damages to walls, flooring and jambs complete, to match existing surface i/c disposal of mulba / rubbish to the nearest municipal dumping ground.For door / window / clerestory window	6.00	sqm	749.73	Rupees Seven Hundred Forty Nine And Paise Seventy Three Only	4498.38
5.00	14.43 : Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	350.00	sqm	11.46	Rupees Eleven And Paise Forty Six Only	4011.00
6.00	13.46.1 : Finishing walls with Acrylic Smooth exterior paint of required shade:New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	155.00	sqm	131.83	Rupees One Hundred Thirty One And Paise Eighty Three Only	20433.65

7.00	13.60.1 : Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade:Two or more coats on new work	230.00	sqm	115.91	Rupees One Hundred Fifteen And Paise Ninety One Only	26659.30
8.00	od837/2017_2018 : Painting with synthetic enamel paint of approved brand and manufacture of required colour to an give even shade:Two or more coats on old work	70.00	sqm	140.75	Rupees One Hundred Forty And Paise Seventy Five Only	9852.50
9.00	7.1.1 : Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) up to plinth level with:Cement mortar 1:6 (1 cement : 6 coarse sand)	4.00	cum	5443.13	Rupees Five Thousand Four Hundred Forty Three And Paise Thirteen Only	21772.52
10.00	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	7.00	cum	5681.51	Rupees Five Thousand Six Hundred Eighty One And Paise Fifty One Only	39770.57
11.00	13.1.1 : 12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)	60.00	sqm	237.37	Rupees Two Hundred Thirty Seven And Paise Thirty Seven Only	14242.44
12.00	od779/2017_2018 : white cement priming coat over newly plastered surface after clearing the surface etc complete.	397.00	sqm	15.92	Rupees Fifteen And Paise Ninety Two Only	6320.24
13.00	4.1.8 : 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 : 8 graded stone aggregate 40 nominal size)	1.05	cum	6146.26	Rupees Six Thousand One Hundred Forty Six And Paise Twenty Six Only	6428.99
14.00	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.	5.70	cum	7484.93	Rupees Seven Thousand Four Hundred Eighty Four And Paise Ninety Three Only	42634.16
15.00	5.1.2 : 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 :3 graded stone aggregate 20 mm nominal size	0.23	cum	8530.57	Rupees Eight Thousand Five Hundred Thirty And Paise Fifty Seven Only	1970.56
16.00	5.9.5 : Centering and shuttering including strutting, etc. and removal of form for:Lintels, beams, plinth beams, girders bressumers and cantilevers	2.00	sqm	470.63	Rupees Four Hundred Seventy And Paise Sixty Three Only	941.26

17.00	5.9.1 : Centering and shuttering including strutting, etc. and removal of form for:Foundations, footings, bases of columns, etc for mass concrete	0.51	sqm	266.20	Rupees Two Hundred Sixty Six And Paise Twenty Only	135.76
18.00	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	40.00	kg	77.68	Rupees Seventy Seven And Paise Sixty Eight Only	3107.20
19.00	10.2 : Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	225.00	kg	92.85	Rupees Ninety Two And Paise Eighty Five Only	20891.25
20.00	10.1 : Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	252.00	kilogram	80.22	Rupees Eighty And Paise Twenty Two Only	20215.60
21.00	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	30.97	sqm	107.60	Rupees One Hundred Seven And Paise Sixty Only	3332.37
22.00	od808/2017_2018 : Roofing with pre-painted Aluminium-Zinc (galvalum) trapezoidal sheet of 0.50 mm or nearest availablethickness with overlaps of 150mm at ends and self drilling steel screws/crank bolts as per direction ofdepatmental officers including plain washers and bitumen washers etc. complete.	230.00	sqm	733.52	Rupees Seven Hundred Thirty Three And Paise Fifty Two Only	168709.60
23.00	od809/2017_2018 : Valleying with pre-painted alu-zinc (galvalum) 150 GSM plane sheet 450mm wide overlap of 150mm at joints including nail etc complete	32.90	metre	470.15	Rupees Four Hundred Seventy And Paise Fifteen Only	15467.94
24.00	17.1.1 : Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm Sand Cast Iron P or S trap, 10 litter low level white P.V.C.flushing cistern, including flush pipe, 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 require:White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	1.00	each	4795.79	Rupees Four Thousand Seven Hundred Ninety Five And Paise Seventy Nine Only	4795.79

25.00	17.7.2 : 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 630 x 450 mm with a single 15 mm C.P. brass pillar tap	1.00	each	2773.27	Rupees Two Thousand Seven Hundred Seventy Three And Paise Twenty Seven Only	2773.27
26.00	11.36 : 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 complete.	12.00	sqm	1022.24	Rupees One Thousand Twenty Two And Paise Twenty Four Only	12266.88
27.00	11.40 : 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 all colours, shades, except white, Ivory, Grey Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand) including pointing the joints with white cement and matching pigments etc., complete.	3.00	sqm	1236.69	Rupees One Thousand Two Hundred Thirty Six And Paise Sixty Nine Only	3710.07
28.00	od840/2017_2018 : Providing PVC ceiling with PVC multichamber hollow section 7 mm or nearest thick,supreme quality sheets by dovetail locking system using 7/8"X1.20mm anodized aluminum square tubes (section no 14477, 800 gm/ 3.60m length) for frames (Spacing not exceeding 60 cm c/c), 25x1.50 mm flat(section no 10116, 380 gm/ 3.60m length) for suspenders, 20x20 mm PVC ornamental Cornish for sides and suspending the ceiling to the required line and level including all cost of materials and labour charges etc. complete.	74.00	sqm	921.05	Rupees Nine Hundred Twenty One And Paise Five Only	68157.70
29.00	od839/2017_2018 : Supplying and fixing approved quality single paneled ready made solid PVC door frame with shutters to suit the openings including all cost of materials and labour charges for fabricating and fixing in position but excluding cost of furniture fittings etc. complete.	1.58	metre	417.70	Rupees Four Hundred Seventeen And Paise Seventy Only	658.30

30.00	50.17.1.1 : Supplying and fixing Stainless steel soap dish including cost of materials and labour charges etc complete as per the direction of site Engineer-in-charge.	2.00	no	66.65	Rupees Sixty Six And Paise Sixty Five Only	133.30
31.00	50.17.1.3 : Supplying and fixing CP Towel rod 60cm or nearest available length including cost of materials and labour charges etc complete as per the direction of site Engineer-in-charge.	2.00	no	127.51	Rupees One Hundred Twenty Seven And Paise Fifty One Only	255.02
32.00	50.17.1.4 : Supplying and fixing CP Health faucet good quality including cost of materials and labour charges etc. complete as per the direction of site engineer-in-charge.	1.00	no	757.75	Rupees Seven Hundred Fifty Seven And Paise Seventy Five Only	757.75
33.00	18.16.1 : Providing and fixing brass stop cock of approved quality :15 mm nominal bore	3.00	each	356.99	Rupees Three Hundred Fifty Six And Paise Ninety Nine Only	1070.97
34.00	18.51.1 : Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms.15 mm nominal bore	1.00	each	676.02	Rupees Six Hundred Seventy Six And Paise Two Only	676.02
35.00	50.18.7.4.2 : 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 32 mm dia 6 Kg/cm ² - internal work- Exposed on wall	6.00	metre	223.72	Rupees Two Hundred Twenty Three And Paise Seventy Two Only	1342.32
36.00	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 /cm ²	6.00	metre	312.76	Rupees Three Hundred Twelve And Paise Seventy Six Only	1876.56
37.00	50.18.8.7.2 : Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes 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 63 mm pipe 4 kgf/ cm ²	6.00	metre	433.20	Rupees Four Hundred Thirty Three And Paise Twenty Only	2599.20

38.00	50.18.8.9.2 : Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes 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. 110 mm pipe 4 kgf/cm ²	3.00	metre	539.30	Rupees Five Hundred Thirty Nine And Paise Thirty Only	1617.90
39.00	50.18.9.7.2 : Providing and fixing PVC pipes includings jointing of pipes with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge.63 mm dia 4 Kg/cm ²	8.00	metre	236.79	Rupees Two Hundred Thirty Six And Paise Seventy Nine Only	1894.32
40.00	50.18.9.9.2 : Providing and fixing PVC pipes includes joints of pipes with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in CHarge. 110 mm dia 4 Kg/cm ²	8.00	metre	386.81	Rupees Three Hundred Eighty Six And Paise Eighty One Only	3094.48
41.00	50.18.9.20.3 : Providing and fixing PVC moulded fittings /accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 63 mm dia Door Elbow	2.00	no	75.76	Rupees Seventy Five And Paise Seventy Six Only	151.52
42.00	50.18.9.20.7 : Providing and fixing PVC moulded fittings/ accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 63 mm dia vent cowl	2.00	no	71.71	Rupees Seventy One And Paise Seventy One Only	143.42
43.00	50.18.9.22.2 : Providing and fixing PVC moulded fittings / accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 110 mm dia 45 degree Elbow	1.00	no	100.02	Rupees One Hundred And Paise Two Only	100.02
44.00	50.18.9.22.3 : Providing and fixing PVC moulded fittings/ accessories for Rigid PVC pipes, including jointing with PVC solvent cement-110 mm dia Door Elbow	1.00	no	126.72	Rupees One Hundred Twenty Six And Paise Seventy Two Only	126.72
45.00	50.18.9.22.4 : Providing and fixing PVC moulded fittings/ accessories for Rigid PVC pipes, including jointing with PVC solvent cement- 110 mm dia Bend	2.00	no	155.77	Rupees One Hundred Fifty Five And Paise Seventy Seven Only	311.54
46.00	9.63.2 : Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete:200x10 mm	2.00	no	70.07	Rupees Seventy And Paise Seven Only	140.14
47.00	9.97.4 : 150x10 mm	2.00	no	88.25	Rupees Eighty Eight And Paise Twenty Five Only	176.50
48.00	18.17.1 : Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :25 mm nominal bore	1.00	each	587.70	Rupees Five Hundred Eighty Seven And Paise Seventy Only	587.70

49.00	50.9.15.1 : Supplying and fixing 200 mm Aluminium aldrops	1.00	no	171.21	Rupees One Hundred Seventy One And Paise Twenty One Only	171.21
50.00	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	55.00	kg	154.34	Rupees One Hundred Fifty Four And Paise Thirty Four Only	8488.70
51.00	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)	4.50	kg	527.73	Rupees Five Hundred Twenty Seven And Paise Seventy Three Only	2374.79
52.00	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)	8.10	kg	610.69	Rupees Six Hundred Ten And Paise Sixty Nine Only	4946.59
53.00	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	2.25	sqm	1017.71	Rupees One Thousand Seventeen And Paise Seventy One Only	2289.85
54.00	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

55.00	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.	1.89	metre	570.27	Rupees Five Hundred Seventy And Paise Twenty Seven Only	1078.38
56.00	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.	1.89	sqm	3002.14	Rupees Three Thousand Two And Paise Fourteen Only	5677.05
Total in Figures						592500.27
Quoted Rate in Figures						592500.00
Quoted Rate in Words		Five Lakh Ninety Two Thousand Five Hundred Only				

DIRECTOR OF PHYSICAL PLANT(i/c)