

Tender Inviting Authority:					No. 09	
Work Name : ICAR Grant-Extension of dining block of Ladies hostel at MC vellanikkara						
Contract No:						
Bidder Name:				Excess ( + )		%
Sl. No.	Item Description	Quantity	Units	Estimated Rate		Amount Rs. P
				figures	words	
1.00	2.8.1 : 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 up to 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	17.00	cum	228.38	Rupees Two Hundred Twenty Eight And Paise Thirty Eight Only	3882.46
2.00	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)	10.50	cum	6146.26	Rupees Six Thousand One Hundred Forty Six And Paise Twenty Six Only	64535.73
3.00	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)	7.50	cum	5443.13	Rupees Five Thousand Four Hundred Forty Three And Paise Thirteen Only	40823.48
4.00	5.9.1 : Centering and shuttering including strutting, etc. and removal of form for:Foundations, footings, bases of columns, etc for mass concrete	20.50	sqm	266.20	Rupees Two Hundred Sixty Six And Paise Twenty Only	5457.10
5.00	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	3.65	cum	8530.57	Rupees Eight Thousand Five Hundred Thirty And Paise Fifty Seven Only	31136.58
6.00	2.25 : Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m.Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m.	45.50	cum	172.59	Rupees One Hundred Seventy Two And Paise Fifty Nine Only	7852.85
7.00	5.9.6 : Centering and shuttering including strutting, etc. and removal of form for:Columns, Pillars, Piers, Abutments, Posts and Struts	11.50	sqm	642.12	Rupees Six Hundred Forty Two And Paise Twelve Only	7384.38

8.00	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 to 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)	0.57	cum	9807.61	Rupees Nine Thousand Eight Hundred Seven And Paise Sixty One Only	5570.72
9.00	15.17.2 : Dismantling steel work in single sections including dismembering and stacking within 50 metres lead in: Channels, angles, tees and flats	518.00	kg	1.37	Rupees One And Paise Thirty Seven Only	709.66
10.00	od1543/2017_2018 : Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of : colour coated G.I. Sheet of any size.	86.00	sqm	96.21	Rupees Ninety Six And Paise Twenty One Only	8274.06
11.00	15.12.2 : Of area beyond 3 sq. metres	3.00	each	297.01	Rupees Two Hundred Ninety Seven And Paise One Only	891.03
12.00	15.7.1 : 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 mud mortar	6.10	cum	395.90	Rupees Three Hundred Ninety Five And Paise Ninety Only	2414.99
13.00	5.9.5 : Centering and shuttering including strutting, etc. and removal of form for: Lintels, beams, plinth beams, girders, brusses and cantilevers	4.20	sqm	470.63	Rupees Four Hundred Seventy And Paise Sixty Three Only	1976.65
14.00	5.3 : 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 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).	0.45	cum	10143.87	Rupees Ten Thousand One Hundred Forty Three And Paise Eighty Seven Only	4564.74
15.00	5.22.6 : Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete up to plinth level Thermo - Mechanically Treated bars of grade Fe-500D or more	442.00	kilogram	77.68	Rupees Seventy Seven And Paise Sixty Eight Only	34334.56
16.00	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 of grade Fe-500D or more	165.00	kg	77.68	Rupees Seventy Seven And Paise Sixty Eight Only	12817.20
17.00	50.6.1.5 : Solid block masonry using pre cast solid blocks ( Factory made) of size 30x20x20cm or nearest available size conforming 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	7.50	cum	5681.51	Rupees Five Thousand Six Hundred Eighty One And Paise Fifty One Only	42611.33
18.00	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	260.00	kg	154.34	Rupees One Hundred Fifty Four And Paise Thirty Four Only	40128.40

19.00	od1590/2017_2018 : 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 by using departmental steel	520.00	kilogram	17.02	Rupees Seventeen And Paise Two Only	8850.40
20.00	od1591/2017_2018 : Roofing with pre-painted Aluminium-Zinc (galvalum) trapezoidal sheet of 0.50 mm or nearest available thickness with overlaps of 150mm at ends and self drilling steel screws/crank bolts as per direction of departmental officers including plain washers and bitumen washers etc. complete using departmental sheet over ground floor.	86.00	sqm	221.25	Rupees Two Hundred Twenty One And Paise Twenty Five Only	19027.50
21.00	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.	725.00	kg	92.85	Rupees Ninety Two And Paise Eighty Five Only	67316.25
22.00	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.	975.00	kilogram	80.22	Rupees Eighty And Paise Twenty Two Only	78214.50
23.00	od1550/2017_2018 : Roofing with pre-painted Aluminium-Zinc (galvalum) trapezoidal sheet of 0.50 mm or nearest available thickness with overlaps of 150mm at ends and self drilling steel screws/crank bolts as per direction of departmental officers including plain washers and bitumen washers etc. complete.	148.20	sqm	733.52	Rupees Seven Hundred Thirty Three And Paise Fifty Two Only	108707.66
24.00	od1551/2017_2018 : valleying with pre-painted alu-zinc (galvalum ) 150 GSM plane sheet 450 mm wide over lap of 150mm at joints including nail etc, complete	29.30	metre	470.15	Rupees Four Hundred Seventy And Paise Fifteen Only	13775.40
25.00	13.1.1 : 12 mm cement plaster of mix:1:4 ( 1 cement : 4 fine sand)	120.00	sqm	237.37	Rupees Two Hundred Thirty Seven And Paise Thirty Seven Only	28484.40
26.00	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 portion Powder 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

27.00	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)	46.00	kg	610.69	Rupees Six Hundred Ten And Paise Sixty Nine Only	28091.74
28.00	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	21.50	sqm	1017.71	Rupees One Thousand Seventeen And Paise Seventy One Only	21880.77
29.00	od198/2018_2019 : Providing and laying Ceramic glazed floor tiles of size 600x600 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours such as 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 pigment etc., complete.&lt;br>	107.00	sqm	1054.04	Rupees One Thousand Fifty Four And Paise Four Only	112782.28
30.00	od1546/2017_2018 : White cement priming coat over newly plastered surface and cleaning the surface	120.00	sqm	15.92	Rupees Fifteen And Paise Ninety Two Only	1910.40
31.00	14.43 : Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	60.00	sqm	11.46	Rupees Eleven And Paise Forty Six Only	687.60
32.00	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)	70.00	sqm	131.83	Rupees One Hundred Thirty One And Paise Eighty Three Only	9228.10
33.00	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	108.00	sqm	115.91	Rupees One Hundred Fifteen And Paise Ninety One Only	12518.28
34.00	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	90.00	sqm	107.60	Rupees One Hundred Seven And Paise Sixty Only	9684.00
<b>Total in Figures</b>						<b>870827.63</b>
<b>Quoted Rate in Figures</b>						<b>870828.00</b>
<b>Quoted Rate in Words</b>			<b>Rupees Eight Lakh(s) Seventy Thousand Eight Hundred Twenty Eight</b>			

**DIRECTOR OF PHYSICAL PLANT(i/c)**