Name of Work: -Remolding of godown and drying yard for pulse crops at RARS ,Pattambi

SCHEDULE OF WORKS

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
1.00	15.3 : Demolishing R.C.C. work manually / by mechanical means including stacking of steel bars and disposal of unserviceable material with in 50 metres lead as per direction of Engineer -in-Charge.	0.20	cum	1996.37	Rupees one thousand nine hundred & ninety six and paise thirty seven only	399.27
2.00	15.23.1 : Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.For thickness of tiles 10 mm to 25 mm	75.00	sqm	43.30	Rupees fourty three and paise thirty only	3247.50
3.00	15.28.2 : Dismantling roofing including ridges, hips, velleys and gutters etc., and stacking the material within 50 metres lead of :Asbestos Sheet	95.00	sqm	45.09	Rupees fourty five and paise nine only	4283.55
4.00	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	4.00	cum	1156.61	Rupees one thousand one hundred & fifty six and paise sixty one only	4626.44
5.00	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	6.00	each	216.65	Rupees two hundred & sixteen and paise sixty five only	1299.90

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6.00	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.	320.00	sqm	30.74	Rupees thirty and paise seventy four only	9836.80
7.00	50.6.1.2 : Solid block masonry using pre cast solid blocks (Factory made) of size 40x20x20cm 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.	0.50	cum	5640.83	Rupees five thousand six hundred & fourty and paise eighty three only	2820.42
8.00	50.10.1 : Steel work in built up G I tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting,fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete	100.00	kg	137.46	Rupees one hundred & thirty seven and paise fourty six only	13746.00
9.00	50.10.2 : Steel work for purlin/single section with G I pipes including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete	69.00	kg	111.93	Rupees one hundred & eleven and paise ninety three only	7723.17
10.00	od936/2017_2018 : Supplying and fixing GI powder coated Trafford Insulated roofing sheet 0.5mm or nearest thickness for upper skin and lower skin 0.5 mm or nearest size PPGI Guard film Sandwich with Pur/Pir Foam 40Kg/M3 (30 mm valley and 60mm hips) with necessary J bolt, hooks, crank, bolts , bitumen washers etc as per the direction of department officer	92.00	sqm	1946.44	Rupees one thousand nine hundred & fourty six and paise fourty four only	179072.48

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11.00	od889/2017_2018 : Ridge copping with pre painted alu-zinc (galvalum) 150 GSM plane sheet 450mm wide overlap of 150mm at joints including nail etc. complete.	11.50	metre	470.15	Rupees four hundred & seventy and paise fifteen only	5406.72
12.00	11.41.2 : 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 20 mm 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 600 x 600 mm.	65.00	sqm	1536.38	Rupees one thousand five hundred & thirty six and paise thirty eight only	99864.70
13.00	11.46.2 : Providing and laying Vitrified tiles indifferent sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand), including grouting the joint with white cement & matching pigments etc. complete.Size of Tile 600x600 mm	6.50	sqm	1558.06	Rupees one thousand five hundred & fifty eight and paise six only	10127.39
14.00	4.1.3 : Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:2:4 (cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	10.50	cum	7523.98	Rupees seven thousand five hundred & twenty three and paise ninety eight only	79001.79

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15.00	4.3.3 : Centering and shuttering including strutting, propping etc. and removal of form work for:Columns, piers, abutments, pillars, posts and struts	1.00	sqm	642.12	Rupees six hundred & fourty two and paise twelve only	642.12
16.00	4.3.2 : Centering and shuttering including strutting, propping etc. and removal of form work for:Retaining walls, return walls, (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc.	6.00	sqm	519.63	Rupees five hundred & nineteen and paise sixty three only	3177.78
17.00	od937/2017_2018 : Paving department 20mm or nearest size cuddapah stone slab laid over a bed of 12 mm thick CM 1:4, adding necessary cement grout and pointing with joint filler etc. complete.	30.00	sqm	484.49	Rupees four hundred & eighty four and paise fourty nine only	14534.70
18.00	od938/2017_2018 : Supplying and paving 20mm or nearest cuddapah stone slab laid over a bed of 20 mm thick CM 1:4, adding necessary cement grout and pointing with joint filler etc.	260.00	sqm	1070.56	Rupees one thousand & seventy and paise fifty six only	278345.60
19.00	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).	0.20	cum	10143.87	Rupees ten thousand one hundred & fourty three and eighty seven only	2028.77

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20.00	5.9.19 : Centering and shuttering including strutting, etc. and removal of form for:Weather shade, Chajjas, corbels etc., including edges	2.00	sqm	716.10	Rupees seven hundred & sixteen and paise ten only	1432.20
21.00	od891/2017_2018 : Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete Thermo - Mechanically Treated bars	13.50	kilogram	77.68	Rupees seventy seven and paise sixty eight only	1048.68
22.00	13.33.1 : Pointing on stone work with cement mortar 1:3 (1 cement : 3 fine sand):Flush/ Ruled pointing	46.20	sqm	231.20	Rupees two hundred and thirty one and paise two only	10681.44
23.00	13.1.1 : 12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)	59.20	sqm	237.37	Rupees two hunderd & thirty seven and paise thirty seven only	14052.30
24.00	50.13.1 : 9 mm cement plastering of mix : 1:3 (1 cement : 3 fine sand) including all cost of materials, labour charges etc complete	20.00	sqm	221.80	Rupees two hundred & twenty one and paise eighty only	4436.00
25.00	13.7.1 : 12 mm cement plaster finished with a floating coat of neat cement of mix:1:3 (1 cement : 3 fine sand)	21.00	sqm	311.28	Rupees three hundred & eleven and paise twenty eight only	6536.88

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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, Aluminnium 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)	8.00	kg	527.73	Rupees five hundred & twenty seven and paise seventy three only	4221.84
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)	7.00	kg	610.69	Rupees six hundred & ten and paise sixty nine only	4274.83

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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	1.50	sqm	1017.71	Rupees one thousand & seventeen and paise seventy one only	1526.57
29.00	od905/2017_2018 : Providing and fixing SS I max hinges with necessary screws etc. complete.	6.00	no	258.51	Rupees two hundred & fifty eight and paise fifty one only	1551.06
30.00	50.9.1.2 : 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) using good quality Pincoda wood	0.08	cum	112886.55	Rupees one lakhs tweleve thousand eight hundred & eighty six and paise fifty five only	9030.92
31.00	od879/2017_2018 : Supplying and fixing maple door(Eco friendly) 35mm or nearest avilable thickness, block board covered on both faces wood finish carved design quality to suit the frame already fixed, labour charges for fixing fittings but excluding cost of fittings etc. complete.	3.30	sqm	2555.30	Rupees two thousand five hundred & fifty five and paise thirty only	8432.49
32.00	50.9.15.2 : Supplying and fixing 300 mm Aluminium aldrop	6.00	no	188.60	Rupees one hundred & eighty eight and paise sixty only	1131.60
33.00	od880/2017_2018 : 65mm padlock (6 lever) Superior quality	3.00	each	494.80	Rupees four hundred & ninety four and paise eighty only	1484.40

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34.00	9.63.2 : Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete:200x10 mm	6.00	no	70.07	Rupees seventy and paise seven only	420.42
35.00	9.66.1 : Providing and fixing ISI marked oxidised M.S. handles conforming to IS : 4992 with necessary screws etc. complete:125 mm	6.00	no	39.25	Rupees thirty nine and paise twenty five only	235.50
36.00	9.55.2 : Providing and fixing ISI marked M.S. pressed butt hinges bright finished with necessary screws etc, complete:100x58x1.90mm.	12.00	no	37.61	Rupees thirty seven and paise sixty one only	451.32
37.00	od881/2017_2018 : Providing and fixing false ceiling with 7.5 mm thick or nearest available thickness PVC plain panel board ceiling of approved quality in aluminium frame work with necessary screws etc complete (aluminium frame work shall be paid separately)	42.00	sqm	551.66	Rupees five hundred & fifty one and paise sixty six only	23169.72

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38.00	od916/2017_2018 : Providing and fixing anodised aluminium work (minimum thickness of anodised aluminium 25 micron) consisting of tee /angle sections, of approved make conforming to IS : 733 in frames of false ceiling including aluminium angle cleats with necessary C.P brass/ stainless steel sunk screws, aluminium perimeter angles fixed to wall with stainless steel rawl plugs @ 450 mm centre to centre and fixing the frame work to G.I level adjusting hangers 6 mm dia. with necessary cadmium plated machine screws all complete as per approved architectural drawings and direction of the Engineer-in-Charge (level adjusting hangers, ceiling cleats and expansion hold fasteners to be paid for separately).	42.00	kg	633.75	Rupees six hundred & thirty three and paise seventy five only	26617.50
39.00	od883/2017_2018 : White cement priming coat over newly plastered surface after cleaning the surface	54.00	sqm	15.92	Rupees fifteen and paise ninety two only	859.68
40.00	14.43 : Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	355.00	sqm	11.46	Rupees eleleven and paise fourty six only	4068.30
41.00	13.47.1 : Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade:New work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)	200.00	sqm	132.86	Rupees one hundred & thirty two and paise eighty six only	26572.00

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42.00	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	150.00	sqm	115.91	Rupees one hundred & fifteen and paise ninety one only	17386.50
43.00	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	5.00	sqm	107.60	Rupees one hundred & seven and paise sixty only	538.00
Total Estimated Cost in Figures						890285.26
Quoted Amount					890285	890285
Quoted Rate in Words		#NAME?	Rupees Eight Lakhs Ninety Thousand Two Hundred And Eighty Five Only			

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