Name of Work: Construction of seed store and connected infrastructure at RARS Ambalavyal.

VALIDATE

HELP

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		T P
				Figure	Words	
1.00	2.31 : Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up distance of 50 m outside the periphery of the area cleared	135.00	sqm	8.93	Rupees eight and ninety three paisa only	1205.55
2.00	15.2.2 Demolishing cement concrete manually / by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in-Charge.Nominal concrete 1:4:8 leaner mix (including equivalent design mix)	8.83	cum	765.47	Rupees seven hundred and sixty five and fourt seven paisa only	6756.04
3.00	15.9.2 Demolishing stone rubble masonry manually / by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer -in-Charges:In cement mortar	7.20	cum	1251.24	Rupees one thousand two hundred and fifity one and twenty four paisa only	9008.93
4.00	2.1.1 Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5m in width as well as 10 sqm on plan including disposal of excavated earth up to 50 m and lift up to 1.5 m, disposed soil to be levelled and neatly dressed:All Kinds of soil	40.50	sqm	70.14	Rupees seventy and fourteen paisa only	2840.67

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Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		HELP T P
				Figure	Words	
5.00	2.6.1 Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead up to 50 m and lift up to 1.5 m, disposed earth to be levelled and neatly dressed.All kinds of soil	31.76	cum	216.36	Rupees two hundred and sixteen and thirty six paisa only	6872.46
6.00	2.7.3 Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead up to 50 m and lift up to 1.5 m, disposed earth to be levelled and neatly dressed.Hard rock (blasting prohibited	11.25	cum	859.47	Rupees eight hundred and fifity nine and fourty seven paisa only	9669.04
7.00	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)	12.42	cum	5980.75	Rupees five thosand nine hundred and eighty and seventy five paisa only	74304.84
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 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)	20.46	cum	9836.81	Rupees nine thousand eight hundred and thirty six and eighty one paisa only	201251.30

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Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		HELP
				Figure	Words	
9.00	50.5.3 Reinforced cement concrete work in beams,suspended floors, roofs having slope up to 15 degree landings, balconies, shelves, chajjas, lintels,bands,plain windowsills, 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:3 graded stone aggregate 20 mm nominal size).	25.47	cum	10126.32	Rupees ten thousand one hundred and twenty six and thirty two paisa only	257866.74
10.00	5.22.6 Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth levelThermo - Mechanically Treated bars	4777.16	kg	94.69	Rupees ninety four and sixty nine paisa only	452349.38
11.00	5.9.1 Centering and shuttering including strutting, etc. and removal of form for:Foundations, footings, bases of columns, etc for mass concrete	23.40	sqm	273.16	Rupees two hundred and seventy three and sixteen paisa only	6392.22
12.00	5.9.5 Centering and shuttering including strutting, etc. and removal of form for:Lintels, beams, plinth beams, girders bressumers and cantilevers	148.12	sqm	461.85	Rupees four hundred and sixty one and eighty five paisa only	68409.68
13.00	5.9.6 Centering and shuttering including strutting, etc. and removal of form for:Columns, Pillars, Piers, Abutments, Posts and Struts	93.88	sqm	630.38	Rupees six hundred and thirty and thirty eight paisa only	59180.70
14.00	5.9.19 Centering and shuttering including strutting, etc. and removal of form for:Weather shade, Chajjas, corbels etc., including edges	30.11	sqm	684.61	Rupees six hundred and eighty four and sixty one paisa only	20616.35

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Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		HELP T P
				Figure	Words	
15.00	5.9.20 Centering and shuttering including strutting, etc. and removal of form for:Suspended floors, roofs, landings, balconies and access platform with water proof ply 12 mm thick	90.04	sqm	686.28	Rupees six hundred and eighty six and sixty twenty eight only	61794.02
16.00	5.9.7 Centering and shuttering including strutting, etc. and removal of form for:Stairs, (excluding landings) except spiral - staircases)	10.80	sqm	550.15	Rupees five hundred and fifty and twenty eight paisa only	5941.62
17.00	2.38 Filling with available fly ash and earth (excluding rock) in trenches or embankment in layers (each layer should not exceed 15 cm), with intermediate layer of compacted earth (Soil density of 98%) after every four layers of compacted depth of fly ash, sides & top layer of filling shall be done with earth having total minimum compacted thickness 30 cm or as decided by Engineer - in- charge, including compacting each layer by rolling / ramming and watering, all complete as per drawing and direction of Engineer - in-charge	26.35	cum	156.29	Rupees one hundred and fifity six and twenty nine only	4118.71
18.00	10.17 Providing and fixing M.S. fan clamp type I or II of 16 mm dia M.S. bar, bent to shape with hooked ends in R.C.C. slabs or beams during laying, including painting the exposed portion of loop, all as per standard design complete.	16.00	each	173.05	Rupees one hundred and seventy three and five paisa only	2768.80
19.00	50.6.1.1 Solid block masonry using pre cast solid blocks (factory made) of size 40x20x20cm or nearest available size confirming to IS 2185 part 1 of 1979 for foundation and plinth with thickness 20 cm and above in: CM 1:6 (1 cement : 6 coarse sand) etc complete	3.38	cum	5044.98	Rupees five thousand and fourty four and ninety eight paisa only	17072.21

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Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		HELP
				Figure	Words	
20.00	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.	10.33	cum	5485.91	Rupees five thousand four hundred and eighty five and ninety one paisa only	56663.96
21.00	50.6.1.3 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 above floor two level up to floor V level thickness 20cm and above in: CM 1:6 (1 cement :6 coarse sand) etc complete	17.79	cum	6086.33	Rupees six thousand and eight six and thirty three paisa only	108300.16
22.00	7.1.1 Random rubble masonry with hard stone in foundation and plinlh including levelling up with cement level with:Cement mortar 1:6 (1 cement : 6 coarse sand)	13.20	cum	5448.12	Rupees five thousand four hundred and eighty eight and twelve paisa only	71926.08
23.00	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)	8.42	cum	7600.89	Rupees seven thousand and six hundred and eighty nine paisa only	64029.90
24.00	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	647.64	kg	162.55	Rupees one hundred and sixty two and fifity fve paisa only	105273.88
25.00	13.7.2 12 mm cement plaster finished with a floating coat of neat cement of mix:1:4 (1 cement : 4 fine sand)	475.68	sqm	282.62	Rupees two hundred and eighty two and sixty two paisa only	134437.53

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Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		HELP
				Figure	Words	
26.00	13.16.1 6 mm cement plaster of mix:1:3 (1 cement : 3 fine sand)	232.52	sqm	187.30	Rupees one hundred and eighty seven and thirty paisa only	43550.62
27.00	od159/2016_2017 Plastering with C:M 1:3, 12 mm thick are wet floated hard and trowelled smooth including neat cement flushing coat with thread lining	170.13	sqm	370.78	Rupees three hundred and seventy and seventy eight paisa only	63079.32
28.00	10.6.1 Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454 - part 1 and M.S. top cover of required thickness for rolling shutters.80x1.25 mm M.S. laths with 1.25 mm thick top cover	18.00	sqm	2978.59	Rupees two thousand nine hundred and seventy eight and fifty nine paisa only	53614.62
29.00	10.5.1 Providing and fixing 1 mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer.Using M.S. angels 40x40x6 mm for diagonal braces	6.64	sqm	4274.19	Rupees four thousand two hundred and seventy four and nineteen paisa only	28367.80
30.00	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.	400.00	kg	102.83	Rupees one hundred and two and eighty three paisa only	41132.00

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Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		HELP
				Figure	Words	
31.00	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	386.37	kg	125.77	Rupees one hundred and twenty five and seventy seven only	48593.63
32.00	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.	202.32	kg	94.14	Rupees ninety four and fourteen only	19046.50
33.00	12.1.3 Providing corrugate G.S. sheet roofing including vertical/ curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal / vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.0.63 mm thick with zinc coating not less than 275 gm/m2	124.92	sqm	1033.77	Rupees one thousand and thirty three and seventy seven only	129136.48

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Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		HELP
				Figure	Words	
34.00	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)	135.00	kg	525.26	Rupees five hundred and twenty five and twenty six paisa only	70910.10
35.00	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	18.00	sqm	1152.38	Rupees one thousand one hundred and fifity two and thirty eight paisa only	20742.84
36.00	21.15.2 Providing and fixing aluminium casement windows fastener of required length for aluminium windows with necessary necessary screws etc. complete.Powder coated minimum thickness 50 micron aluminium	24.00	each	76.69	Rupees seventy six and sixty nine paisa only	1840.56

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Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		HELP
				Figure	Words	
37.00	od160/2016_2017 supplying and fixing I-max hinges (250 mm) for aluminium windows	48.00	each	320.88	Rupees three hundred and twenty and eighty eight paisa only	15402.24
38.00	13.37.1 White washing with lime to give an even shade:New work (three or more coats)	708.20	sqm	22.53	Rupees twenty two and fifty three only	15955.77
39.00	13.41.1 Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade:New work (Two or more coats) over and including priming coat with water thinnable cement primer	375.09	sqm	124.73	Rupees one hundred and twenty four and seventy three paisa only	46784.60
40.00	13.45.1 Finishing walls with textured exterior pint of required shade:New work (Two or more coats applied @ 3.28 ltr/ 10 sqm) over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm	307.20	sqm	203.64	Rupees two hundred and three and sixty four paisa only	62558.00
41.00	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	307.10	sqm	103.45	Rupees one hundred and three and fourty five paisa only	31768.98
	od161/2016_2017 65mm padlock (7 lever) best quality	6.00	each	267.15	Rupees two hundred and sixty seven and fifteen paisa only	1602.90
Total Estimated Cost in Figures						**2503137.72**
Quoted Amount					**2503137.72**	**2503138.00**
Quoted Rate in Words		**#NAME?**				

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