

HINDUSTAN PREFAB LIMITED PALAYAM, TRIVANDRUM						
Name of work : Additional works at Heritage Museum, Kunkichira, Wayanad						
ESTIMATE AS PER DSR 2016						
Sl. No	DSR Code no.	Description	Units	Quantity	Rate	Amount
A		CIVIL WORKS				
		SCHEDULE ITEMS				
		EARTH WORK				
1	2.6	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sum on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed.				
a)	2.6.1	All kinds of soil	Cum	100.00	125.95	12,595.00
2	2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	Cum	100.00	125.75	12,575.00
		CONCRETE WORKS				
3	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level :				
a)	4.1.8	1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size).	Cum	8.00	4,478.15	35,825.20
		REINFORCED CEMENT CONCRETE				
4	5.1	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering, finishing and reinforcement - All work upto plinth level :				
a)	5.1.2	1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20mm nominal size)	Cum	15.00	6,215.35	93,230.25
		FORM WORK				
5	5.9	Centering and shuttering including strutting, propping etc. and removal of form for :				
a)	5.9.5	Lintels, beams, plinth beams, girders, bressumers and cantilevers.	Sqm	120.00	342.90	41,148.00
6	5.22	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.				

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a)	5.22.6	Thermo-Mechanically Treated bars	Kg	900.00	56.60	50,940.00
		FINISHING				
7	13.6	20 mm cement plaster of mix :				
a)	13.6.2	1:6 (1 cement : 6 coarse sand)	Sqm	100.00	232.85	23,285.00
		PAINTING				
8	13.47	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade				
a)	13.47.1	New work (Two or more coats applied @ 1.43 ltr/ 10 sum. over and including base coat of water proofing cement paint applied @ 2.20 kg/ 10 sqm).	Sqm	140.00	96.80	13,552.00
		ROAD WORK				
9	16.68	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M - 30 grade made by block making machine with strong vibratory compaction and of approved size, design and shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge.	Sqm	58.00	615.70	35,710.60
		HORTICULTURE & LANDSCAPING				
		LANDSCAPING				
10	2.1	Trenching in ordinary soil up to a depth of 60 cm including removal and stacking of serviceable materials and then disposing of surplus soil, by spreading and neatly leveling within a lead of 50 m and making up the trenched area to proper levels by filling with earth or earth mixed with sludge or/and manure before and after flooding trench +with water (excluding cost of imported earth, sludge or manure).	Cum	150.00	45.85	6,877.50
11	2.2	Supplying and stacking of good earth at site including royalty and carriage up to 1 km (earth measured in stacks will be reduced by 20% for payment).	Cum	150.00	332.55	49,882.50
12	2.3	Supplying and stacking sludge at site including royalty and carriage up to 1 km (sludge measured in stacks will be reduced by 8% for payment).	Cum	150.00	235.55	35,332.50

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13	2.4	Supplying and stacking at site dump manure from approved source, including carriage up to 1 km (manure measured in stacks will be reduced by 8% for payment) :				
a)	2.4.1	Screened through sieve of I.S. designation 20 mm	Cum	120.00	170.70	20,484.00
b)	2.4.2	Screened through sieve of I.S. designation 16 mm	Cum	120.00	192.05	23,046.00
c)	2.4.3	Screened through sieve of I.S. designation 4.75 mm	Cum	120.00	209.15	25,098.00
14	2.5	Rough dressing the trenched ground including breaking clods.	Sqm	450.00	0.90	405.00
15	2.6	Uprooting weeds from the trenched area after 10 to 15 days of its flooding with water including disposal of uprooted vegetation.	Sqm	450.00	2.90	1,305.00
16	2.7	Fine dressing of the ground	Sqm	450.00	2.15	967.50
17	2.8	Spreading of sludge, dump manure and / or good earth in required thickness as per direction of Officer-in-charge (Cost of sludge, dump manure and / or good earth to be paid separately).	Cum	110.00	30.95	3,404.50
18	2.9	Mixing earth and sludge or manure in the required proportion specified or directed by the Officer-in-charge..	Cum	140.00	21.35	2,989.00

Sl. No	DSR Code no.	Description	Units	Quantity	Rate	Amount
19	2.1	Grassing with selection No.1 grass including watering and maintenance of the lawn for 30 days or more till the grass forms a thick lawn, free from weeds and fit for mowing including supplying good earth, if needed (the good earth shall be paid for separately).				
a)	2.10.2	With grass Turf	Sqm	450.00	7.85	3,532.50
		Sub Total				492,185.05
		Add Cost Index 38.24%				188,211.56
		Total Schedule Items (Civil)				680,396.61
		NON SCHEDULE ITEMS (CIVIL)				
20	1	Stone work with neatly dressed selected hard laterite stones of size 35x21x20 cm in superstructure above plinth level and up to floor five level	Cum	23.00	6,685.00	153,755.00
21	2	Stainless steel Lettering for name board of approximate 20cm width on existing compount wall	Each	30.00	1,120.00	33,600.00
		Total non Schedule item (Civil)				187,355.00
		Total for Civil Works				867,751.61
B		ELECTRICAL WORKS				
		SCHEDULE ITEMS				
22	9.1	S/F end termination of L.T. XLPE cables : Supply of all materials and made termination for the following PVC Insulated Armoured Aluminium L.T.Cables (AYWY / XLPE) using single compression type cadmium plated brass cable glands, Aluminium crimped type cable lugs, cable identification tags and including gland earthing using copper conductor of adequate size AL-CU strip, for termination 'of Cables etc. as required				
a)	9.1.3	2C x 16 sq.mm	set	55.00	170.00	9350.00
23	7.1	S/L of L.T. XLPE cables in ground : Laying of one number Al XLPE insulated PVC sheathed armoured power cable direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc. as required.				
a)	7.1.1	Up to 35 sq.mm	mtrs	175.00	206.00	36050.00
		Sub Total				45,400.00
		Add Cost Index 38.24%				17,360.96
		Total Schedule Items (Electrical)				62,760.96
		NON SCHEDULE ITEMS (ELECTRICAL)				

Sl. No	DSR Code no.	Description	Units	Quantity	Rate	Amount
24	3	Supply of 2C x 16 sq.mm Al XLPE armoured power cable : Supply of 2C x 16 sq.mm size heavy duty XLPE insulated and PVC sheathed armoured power cable, conductors of best conductivity aluminium, 1.1 KV grade, conforming to IS 7098 (part-I) etc, as required.	set	175.00	108.00	18900.00
25	4	Supply and laying of XLPE insulated 11 KV Aerial Bunched Cables of following size for overhead lines with insulated messenger including fixing of universal bracket in pole, binding, stringing, suspension clamps etc. as required and should confirm to following IS and IEC standards 1)IS: 7098 (Part-II) - 1985 2)IS: 8130-1984 3)IS: 398 (Part-IV) - 1979 4)IEC-60502 (Part-II) 2005				
		3C x 120 Sq mm	Metre	80.00	4335.00	346800.00
26	5	Supply and erection of round galvanised iron pole of 8 meter height, thickness 6 mm and 100 mm diameter in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) foundation including excavation and refilling and painting of GI pipe with two coats of metallic paint over a one coat of primer etc. as required.	Each	3.00	9400.00	28200.00
27	6	Supplying and making outdoor heat shrinkable ABC to OHL jointing kit, including lugs and other jointing materials, for 3C x 120 Sq mm size XLPE aluminium conductor cable of 11 kV grade as required.	Set	2.00	6855.00	13710.00
28	7	Fixing of 9W integral decorative LED bollard : Fixing of 9 watts integral decorative LED (white) bollard with IP 65 protection complete with all accessories etc on a concrete plinth of size 0.70 m height (0.30m below & 0.40m above ground level) including finishing & painting etc as required.(Bollard supplied by the Dept)	Each	27.00	1862.00	50274.00
		Total non Schedule item (Electrical)				457,884.00
		Total for Electrical Items				520,644.96
		Grand Total				1,388,396.57

HINDUSTAN PREFAB LIMITED PALAYAM, TRIVANDRUM		
Name of work : Additional works at Heritage Museum, Kunkichira, Wayanad		
ABSTRACT		
Sl. No	Description	Amount
	CIVIL WORKS	
A	SCHEDULE ITEMS	680,396.61
B	NON SCHEDULE ITEMS	187,355.00
II	ELECTRICAL WORKS	
A	SCHEDULE ITEMS	62,760.96
B	NON SCHEDULE ITEMS	457,884.00
	TOTAL AMOUNT FOR TENDER	1,388,396.57