

15 -ാം കേരള നിയമസഭ

8 -ാം സമ്മേളനം

നക്ഷത്ര ചിഹ്നം ഇല്ലാത്ത ചോദ്യം നം. 3112

01-03-2023 - ൽ മറുപടിയ്ക്ക്

മാവേലിക്കര ഗവ. ആയുർവേദ ആശുപത്രിയുടെ നിർമ്മാണം

ചോദ്യം		ഉത്തരം	
ശ്രീ എം എസ് അരുൺ കുമാർ		ശ്രീ പി.എ.മുഹമ്മദ് റിയാസ് (പൊതുമാതൃത്വം-വിനോദസഞ്ചാര വകുപ്പ് മന്ത്രി)	
(എ)	2020-21 ലെ ബജറ്റിൽ അനുവദിച്ച മാവേലിക്കര ഗവ. ആയുർവേദ ആശുപത്രിയുടെ നിർമ്മാണവുമായി ബന്ധപ്പെട്ട് പൊതുമാതൃത്വം വകുപ്പ് കെട്ടിട വിഭാഗം സ്വീകരിച്ച നടപടികൾ വിശദമാക്കുമോ;	(എ)	മാവേലിക്കര ഗവൺമെന്റ് ആയുർവേദാശുപത്രിയുടെ നിർമ്മാണത്തിന്റെ ഭരണാനുമതി ലഭിക്കുന്നതിനായി തിരുവനന്തപുരം, ഇന്ത്യൻ സിസ്റ്റം ഓഫ് മെഡിസിൻ ഡയറക്ടർക്ക് 1/02/2023-ൽ 550.755 ലക്ഷം രൂപയുടെ എസ്റ്റിമേറ്റ് ചീഫ് എഞ്ചിനീയർ സമർപ്പിച്ചിട്ടുണ്ട്.
(ബി)	പ്രസ്തുത പ്രവൃത്തിയുടെ എസ്റ്റിമേറ്റ്, ഡിസെൻ, ഭരണാനുമതി എന്നിവയുടെ പകർപ്പ് ലഭ്യമാക്കുമോ;	(ബി)	പ്രസ്തുത പ്രവൃത്തിയുടെ എസ്റ്റിമേറ്റിന്റെ പകർപ്പ് അനുബന്ധമായി ചേർക്കുന്നു. ഡിസെൻ, ഭരണാനുമതി എന്നിവ ലഭ്യമായിട്ടില്ല.
(സി)	പ്രവൃത്തിയുമായി ബന്ധപ്പെട്ട് മണ്ണ് പരിശോധന നടത്തിയിട്ടുണ്ടോയെന്ന് അറിയിക്കുമോ;	(സി)	പ്രവൃത്തിയുമായി ബന്ധപ്പെട്ട് മണ്ണ് പരിശോധന നടത്തിയിട്ടില്ല.
(ഡി)	പ്രസ്തുത പ്രവൃത്തി അടിയന്തരമായി ആരംഭിക്കുന്നതിനാവശ്യമായ നടപടികൾ സ്വീകരിക്കുമോയെന്ന് അറിയിക്കുമോ ?	(ഡി)	ഭരണാനുമതി ലഭ്യമാകുന്ന മുറയ്ക്ക് തുടർ നടപടികൾ സ്വീകരിക്കുന്നതാണ്.

സെക്ഷൻ ഓഫീസർ

EST No. :PWD/BLDG/EST/103163/2021_5_1_1 (Edit Id : 6)
(Dsor year : 2018, Cost Index (Place : Alleppy, Value : 141.53), GST : 18%

ABSTRACT ESTIMATE

GENERAL- Govt. Ayurveda Hospital, Mavelikkara.-Construction of New Building -General
Civil Work

SI No	Specification	Quantity	Rate	Amount
1	appendix A			
1.001	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			
	Net Total	53.563cum	@309.99/cum	16603.99
1.002	2.25 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.			
	Net Total	37.494cum	@269.88/cum	10118.88
1.003	50.2.25.1 Filling with contractor's own 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 as per direction of site Engineer-in-charge			
	Net Total	75.009cum	@548.87/cum	41170.19
1.004	50.2.3.1 Pumping or Bailing out water and removing slush etc by using pump set including cost of labour, oil hire charges of pumpset, etc complete			
	Net Total	56.000hour	@297.09/hour	16637.04
1.005	OD139406/2022-2023 Providing,driving and installing driven cast in situreinforced cement concrete piles of grade M-30 of specified diameter and length below the pilecap to carry safe working load not less than specified excluding the cost of steel reinforcement but including the cost of shoe and the length of pile to be embedded in the pilecapetc all complete(Length of pile for payment shall be measured from top of shoe to the bottom of pilecap)600mm dia piles			
	Net Total	1368.000metre	@5390.03/metre	7373561.04
1.006	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.			
	Net Total	11.177cum	@3114.33/cum	34808.87

SI No	Specification	Quantity	Rate	Amount
1.007	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)			
	Net Total	27.088cum	@7113.43/cum	192688.59
1.008	20.6.2.1			
	Vertical load testing of piles in accordance with IS 2911(Part IV) including installation of loading platform and preparation of pile head or construction of test cap and dismantling of test cap after test etc. complete as per specification & the direction of engineer -in-Charge. Single pile above 50 tonne and upto 100 tonne capacityInitial test			
	Net Total	2.000per test	@73974.19/per test	147948.38
1.009	20.6.2.2			
	Vertical load testing of piles in accordance with IS 2911(Part IV) including installation of loading platform and preparation of pile head or construction of test cap and dismantling of test cap after test etc. complete as per specification & the direction of engineer -in-Charge. Single pile above 50 tonne and upto 100 tonne capacityRoutine test			
	Net Total	1.000per test	@37809.03/per test	37809.03
1.010	5.9.1			
	Centering and shuttering including strutting, etc. and removal of form for:Foundations, footings, bases of columns, etc for mass concrete			
	Net Total	617.388sqm	@350.00/sqm	216085.80
1.011	5.9.6			
	Centering and shuttering including strutting, etc. and removal of form for:Columns, Pillars, Piers, Abutments, Posts and Struts			
	Net Total	518.904sqm	@901.45/sqm	467766.01
1.012	5.9.5			
	Centering and shuttering including strutting, etc. and removal of form for:Lintels, beams, plinth beams, girders bressumers and cantilevers			
	Net Total	1072.178sqm	@678.27/sqm	727226.17
1.013	OD134165/2022-2023			
	Providing and laying in position machine batched and machine mixed design Mix M30 grade cement concrete for reinforced cement concrete work.using cement concrete as per approved design mix,including pumping of concrete to site of laying but excluding the cost of centering,shuttering,finishing and reinforcement including admixtures in recommended proportions as per IS:9103 to accelerate ,retard setting of concrete improve workability without impairing strength and durability as per direction of Engineer-in-charge.Note;-Cement content considered in the item is @ 340kg/cum.Excess or less cement used as per design mix is NOT payable or recoverable separately.All work upto plinth level.			
	Net Total	379.831cum	@9911.61/cum	3764736.74

SI No	Specification	Quantity	Rate	Amount
1.014	5.22.6			
	Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Thermo - Mechanically Treated bars of grade Fe-500D or more			
	Net Total	58202.481kilogram	@102.61/kilogram	5972156.58
1.015	5.9.2			
	Centering and shuttering including strutting, etc. and removal of form for: Walls (any thickness) including attached pilasters, buttersesses, plinth and string courses etc.			
	Net Total	33.920sqm	@748.62/sqm	25393.19
1.016	5.9.19			
	Centering and shuttering including strutting, etc. and removal of form for: Weather shade, Chajjas, corbels etc., including edges			
	Net Total	236.250sqm	@942.09/sqm	222568.76
1.017	5.9.7			
	Centering and shuttering including strutting, etc. and removal of form for: Stairs, (excluding landings) except spiral - staircases)			
	Net Total	209.350sqm	@764.63/sqm	160075.29
1.018	5.9.3			
	Centering and shuttering including strutting, etc. and removal of form for: Suspended floors, roofs, landings, balconies and access platform			
	Net Total	1310.331sqm	@851.49/sqm	1115733.74
1.019	5.9.16.1			
	Centering and shuttering including strutting, etc. and removal of form for: Edges of slabs and breaks in floors and walls Under 20 cm wide			
	Net Total	390.950metre	@212.86/metre	83217.62
1.020	OD134166/2022-2023			
	Providing and laying in position machine batched and machine mixed design mix M-30 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer - in-charge. Note:- Cement content considered in this item is @ 340 kg/ cum. Excess or less cement used as per design mix is NOT payable or recoverable separately. All work above plinth level.			
	Net Total	396.567cum	@11636.10/cum	4614493.27
1.021	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			
	Net Total	66470.808kg	@102.61/kg	6820569.61

SI No	Specification	Quantity	Rate	Amount
1.022	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			
	Net Total	374.319cum	@6792.18/cum	2542442.03
1.023	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			
	Net Total	1607.920sqm	@304.06/sqm	488904.16
1.024	13.1.1			
	12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)			
	Net Total	4104.638sqm	@327.87/sqm	1345787.66
1.025	13.7.1			
	12 mm cement plaster finished with a floating coat of neat cement of mix:1:3 (1 cement : 3 fine sand)			
	Net Total	367.691sqm	@418.80/sqm	153988.99
1.026	13.43.1			
	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface:Water thinnable cement primer			
	Net Total	5712.558sqm	@73.75/sqm	421301.15
1.027	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			
	Net Total	3646.669sqm	@158.06/sqm	576392.50
1.028	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)			
	Net Total	1618.224sqm	@202.37/sqm	327479.99
1.029	21.1.1.1			
	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 portionAnodised aluminium (anodised transparent or dyed to required shade according to IS : 1868, Minimum anodic coating of grade AC 15)			

SI No	Specification	Quantity	Rate	Amount
	Net Total	505.140kg	@520.92/kg	263137.53
1.030	21.1.2.1 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)Anodised aluminium (anodised transparent or dyed to required shade according to IS : 1868, Minimum anodic coating of grade AC 15)			
	Net Total	603.300kg	@630.79/kg	380555.61
1.031	21.2.1 Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS : 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of Engineer - in- Charge.Pre-laminated particle board with decorative lamination on one side and balancing lamination on other side			
	Net Total	56.250sqm	@1225.86/sqm	68954.63
1.032	21.3.2 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 5.50 mm thickness			
	Net Total	252.570sqm	@1592.84/sqm	402303.60
1.033	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			
	Net Total	1715.968kg	@225.44/kg	386847.83
1.034	13.50.1 Applying priming coat:With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood)			
	Net Total	460.362sqm	@70.11/sqm	32275.98
1.035	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			
	Net Total	460.362sqm	@149.31/sqm	68736.65
1.036	9.53 Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embeddings in cement concrete block 30x10x15 cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)			
	Net Total	598.400each	@220.19/each	131761.70
1.037	10.26.3			

SI No	Specification	Quantity	Rate	Amount
	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer.G.I. pipes			
		Net Total	640.000kg @194.15/kg	124256.00
1.038	9.123			
	Providing and fixing factory made door frame (single rebate) made out of single piece extruded solid PVC foam profile with homogeneous fine cellular structure having smooth outer integral skin having 62 mm width & 32 mm thickness, frame will be mitred & jointed with self driven self tapping screws of size 38 mm x 4 mm & PVC solvent cement, including fixing the frame to wall with suitable dia & length anchor fastener as per manufacturer's specification and direction of Engineer-in-charge.			
		Net Total	161.900metre @585.42/metre	94779.50
1.039	9.124.1			
	Providing and fixing factory made 30 mm thick door shutter made of solid PVC foam profile. The styles & rails shall be of size 75 mm x 30 mm having wall thickness 5 mm. The styles, top & bottom rails shall have one side wall thickness of 15 mm integrally extruded on the hinge side of the profile for better screw holding power. The styles and rails shall be reinforced with M.S. tubes of size 33 mm x 17 mm x 1 mm, painted with primer, all four corners of reinforcement to be welded or sealed. Solid PVC extruded bidding (Push fit type) will be set inside the styles and the rails with a cavity, to receive single piece extruded 5 mm PVC sheet as panel. The styles and rails will be mitred cut and joint with the help of PVC solvent cement & self driven self tapping screws. Single piece extruded solid PVC lock rails of size 100mm x 30 mm with wall thickness 5 mm & 15 mm integrally extruded in the middle of the lock rail & fixed with styles with the help of PVC solvent cement & self driven self tapping screws of size 100 mm x 8 mm complete as per manufacturer's specifications and direction of Engineer -in-charge.Non decorative finish			
		Net Total	60.525sqm @3721.45/sqm	225240.76
1.040	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.			
		Net Total	1233.851sqm @1843.67/sqm	2274814.07
1.041	11.37			
	Providing and laying Ceramic glazed floor tiles of size 300x300 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.			
		Net Total	150.870sqm @1138.85/sqm	171818.30
1.042	11.36			
	Providing and fixing I st 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-			

SI No	Specification	Quantity	Rate	Amount
	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.			
		Net Total	389.217sqm @1265.87/sqm	492698.12
1.043	16.89			
	Providing and laying matt finished vitrified tile of size 300x300x9.8mm having with water absorption less than 0.5% and conforming to IS: 15622 of approved make in all colours and shades in for outdoor floors such as footpath, court yard, multi models location etc., laid on 20mm thick base of cement mortar 1:4 (1 cement : 4 coarse sand) in all shapes & patterns including grouting the joints with white cement mixed with matching pigments etc. complete as per direction of Engineer-in-Charge.			
		Net Total	11.895sqm @1554.00/sqm	18484.83
1.044	17.2.1			
	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with 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 required:W.C. pan with ISI marked white solid plastic seat and lid			
		Net Total	18.000each @6463.93/each	116350.74
1.045	17.7.4			
	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 Flat back wash basin size 550x 400 mm with single 15 mm C.P. brass pillar tap			
		Net Total	17.000each @3084.49/each	52436.33
1.046	18.65			
	Providing and fixing PTMT Soap Dish Holder having length of 138 mm, breadth 102 mm, height of 75 mm with concealed fittings arrangements, weighing not less than 106 gms.			
		Net Total	37.000each @160.33/each	5932.21
1.047	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			
		Net Total	53.000each @678.62/each	35966.86
1.048	50.18.7.3.2			
	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 25 mm dia 10Kg/ cm2- Internal work- Exposed on wall			
		Net Total	170.000metre @274.97/metre	46744.90
1.049	50.18.8.7.1			
	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00			

SI No	Specification	Quantity	Rate	Amount
	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 6 Kgf/cm2			
		Net Total	170.000metre @629.88/metre	107079.60
1.050	50.18.7.2.2			
	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 20 mm dia 10 Kgf/cm2- Internal work - Exposed on wall			
		Net Total	170.000metre @250.93/metre	42658.10
1.051	50.18.9.9.1			
	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. 110 mm dia 6Kgf/cm2			
		Net Total	170.900metre @537.96/metre	91937.36
1.052	50.18.9.20.5			
	Providing and fixing PVC moulded fittings/accessories for Rigid PVC pipes including jointing with PVC solvent cement - 63x63x63 mm dia Tee			
		Net Total	60.000no @87.86/no	5271.60
1.053	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.			
		Net Total	18.000no @758.26/no	13648.68
1.054	50.17.1.2			
	Supplying and fixing CP Towel rod 45cm or nearest available length including cost of materials and labour charges etc complete as per the direction of site Engineer-in-charge.			
		Net Total	39.000no @87.88/no	3427.32
1.055	50.18.9.22.1			
	Providing and fixing PVC moulded fittings/ accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 110 mm dia Elbow			
		Net Total	60.000no @109.49/no	6569.40
1.056	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.			
		Net Total	18.000no @67.17/no	1209.06
1.057	18.48A			
	Providing and fixing rectangular high density polyethylene water storage loft tank with cover, conforming to ISI : 12701, colour of opaque white or as approved by Engineer-in-charge. The rate includes making necessary holes for inlet, outlet & over flow pipes. The base support i/c fittings & fixtures for tank shall be paid separately.			

SI No	Specification	Quantity	Rate	Amount
	Net Total	2000.000Litre	@10.83/Litre	21660.00
1.058	17.32.1			
	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing :Circular shape 450 mm dia			
	Net Total	18.000each	@1525.99/each	27467.82
1.059	18.58.1.1			
	Providing and fixing PTMT grating of approved quality and colour. Circular type100 mm nominal dia			
	Net Total	18.000each	@46.55/each	837.90
1.060	OD142053/2022-2023			
	Supplying and fixing good quality .150 flush per day polyethenelene ready made septic tank of suitable size including all works such as supply of material, installation at site etc. all complete but excluding the cost of earth work .back filing and plumbing work			
	Net Total	2.000no	@133268.68/no	266537.36
1.061	OD142261/2022-2023			
	Name board- Sticker on foam board 40 cm x 13 cm			
	Net Total	60.000each	@290.38/each	17422.80
1.062	OD142264/2022-2023			
	Supplying and fixing Napkin vending machine as per the engineer in site			
	Net Total	6.000each	@15680.25/each	94081.50
1.063	16.68			
	Providing and laying 60 mm thick factory made cement concrete interlocking paver block of M - 30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50 mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge.			
	Net Total	51.000sqm	@1055.86/sqm	53848.86
1.064	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 (zone-III) : 4 graded stone aggregate 20 mm nominal size)			
	Net Total	3.400cum	@8340.91/cum	28359.09
1.065	16.60.1			
	Manufacturing, supplying and fixing retro reflective overhead signage boards made up of 2 mm thick aluminium sheet, face to be fully covered with high intensity and encapsulated lens type heat activated retro reflective sheeting conforming to type - III of ASTM-D-4956-01 as approved by Engineer-in-Charge, letters, borders etc. as per IRC: 67-2001 in silver white with blue colour back ground and with high intensity grade, pasted on substrate by pressure sensitive adhesive backing which shall be activated by applying pressure conforming to class II of ASTM -D-4956-01 and			

SI No	Specification	Quantity	Rate	Amount
	fixing the same to the plate of structural frame work by means of suitable sized aluminium alloys, rivets or bolts & nuts @ 300 mm centre to centre all along the periphery as well as in two vertical rows along with theft resistant measures, including the cost of painting with two or more coats of epoxy paint in grey colour on the back side of aluminium sheet including appropriate priming coat. The rate includes the cost of rounding off the corners, lowering down the structural frame work from the gantry, fixing and erecting the same in position all complete as per drawings, specification and direction of the Engineer-in-Charges. (Structural frame work including M.S. plate to be provided separately. Rectangular area of the sheet only shall be measured for payment).Overhead infromatory road signage			
	Net Total	4.500sqm	@6492.79/sqm	29217.56
1.066	OD142265/2022-2023			
	Engaging man mazdoor for cleaning inside and premises of the building			
	Net Total	10.000no	@871.13/no	8711.30
	Heading Total(Rs)			44131706.73
	Total Estimation PAC			44131706.73
SI No	Description	Percentage/LS		Amount
2 Lumsum Heading				
2.001	LS Amount for Electrification			
		null	null%	3000000.00
	Total Lumsum Amount			3000000.00
3 Extra Charges				
2.001	Provision for GST			
		44131706.73	18.00%	7943707.21
	Grand Total			55075413.94
	Round off			86.06
	Rounded Total(Rs)			55075500.00
Rupees Five Crore Fifty Lakh Seventy Five Thousand Five Hundred				