

15 -ാം കേരള നിയമസഭ

11 -ാം സമ്മേളനം

നക്ഷത്ര ചിഹ്നം ഇല്ലാത്ത ചോദ്യം നം. 1299

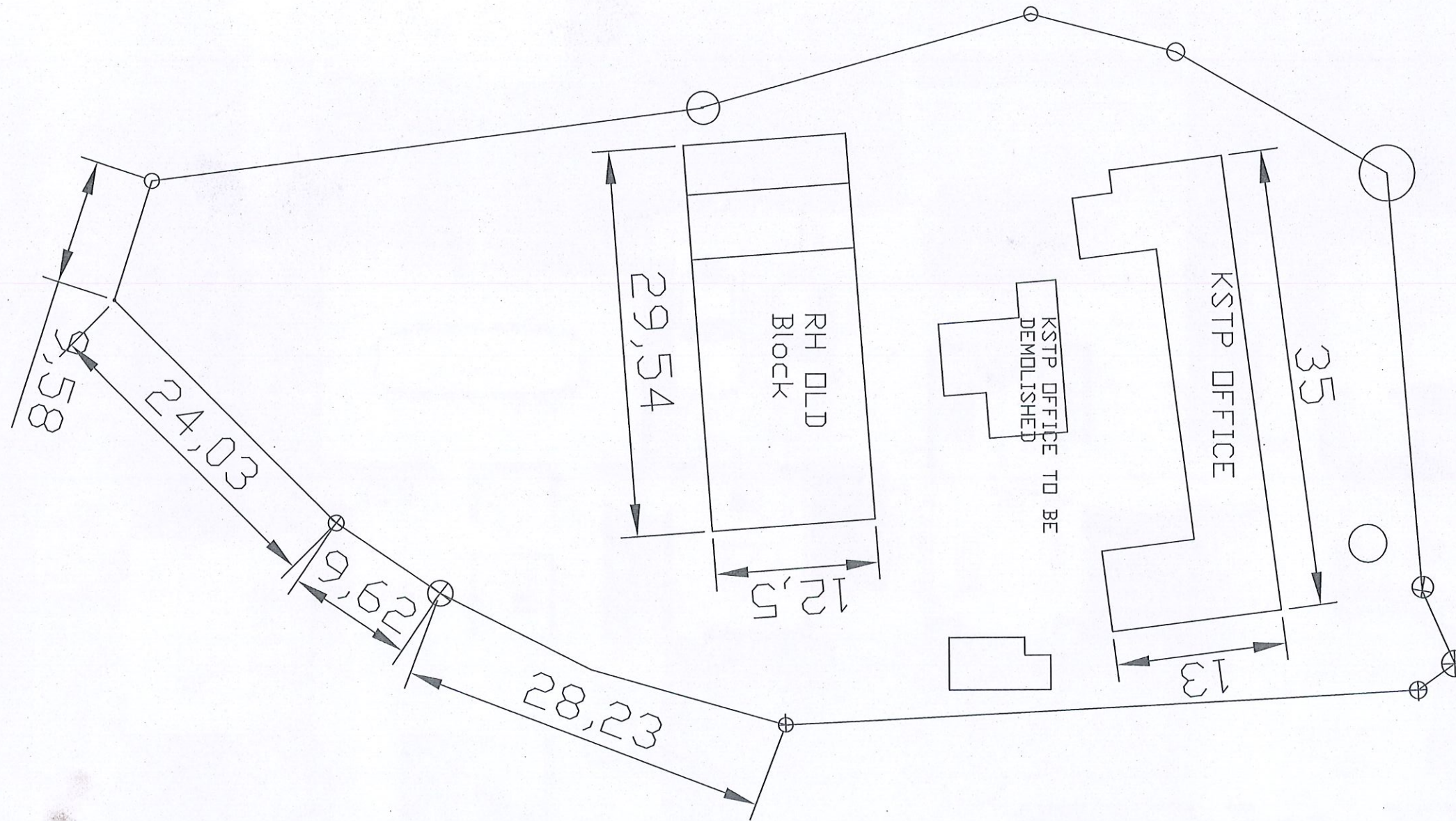
19-06-2024 - ൽ മറുപടിയ്ക്ക്

കാഞ്ഞിരപ്പള്ളി റ്റി.ബി.ക്ക് പുതിയ കെട്ടിടം

ചോദ്യം		ഉത്തരം	
ഡോ. എൻ. ജയരാജ്		ശ്രീ. പി.എ. മുഹമ്മദ് റിയാസ് (പൊതുമരാമത്ത്- വിനോദസഞ്ചാര വകുപ്പ് മന്ത്രി)	
(എ)	കാഞ്ഞിരപ്പള്ളി റ്റി.ബി.യുടെ നിലവിലെ പഴയ കെട്ടിടത്തിന് പകരം ആധുനിക നിലവാരത്തിൽ കൂടുതൽ മുറികളോടെ പുതിയ കെട്ടിടം നിർമ്മിക്കാനുള്ള നടപടികൾ ഇപ്പോൾ ഏത് ഘട്ടത്തിലാണെന്ന് അറിയിക്കാമോ;	(എ)	കാഞ്ഞിരപ്പള്ളി റസ്റ്റഹൗസിന്റെ പുതിയ കെട്ടിട നിർമ്മാണ പ്രവൃത്തിയുടെ 300 ലക്ഷം രൂപയുടെ എസ്റ്റിമേറ്റ് സർക്കാർ പരിശോധിച്ചു വരുന്നു. പൊതുമരാമത്ത് ആർക്കിടെക്ട് വിഭാഗം തയ്യാറാക്കിയ ആർക്കിടെക്ടറൽ പ്ലാൻ അനുബന്ധം - 1 ആയും എസ്റ്റിമേറ്റ് അനുബന്ധം - 2 ആയും ചേർക്കുന്നു.
(ബി)	ഇത് സംബന്ധിച്ച് ഡിസൈൻ, പ്ലാൻ, എസ്റ്റിമേറ്റ് എന്നിവ തയ്യാറാക്കിയിട്ടുണ്ടോയെന്നും എസ്റ്റിമേറ്റ് തുക എത്രയെന്നും അറിയിക്കാമോ; എസ്റ്റിമേറ്റ്, പ്ലാൻ എന്നിവയുടെ പകർപ്പ് ലഭ്യമാക്കാമോ;	(ബി)	കാഞ്ഞിരപ്പള്ളി റസ്റ്റഹൗസിന്റെ പുതിയ കെട്ടിട നിർമ്മാണ പ്രവൃത്തിയുടെ 300 ലക്ഷം രൂപയുടെ എസ്റ്റിമേറ്റ് സർക്കാർ പരിശോധിച്ചു വരുന്നു. പൊതുമരാമത്ത് ആർക്കിടെക്ട് വിഭാഗം തയ്യാറാക്കിയ ആർക്കിടെക്ടറൽ പ്ലാൻ അനുബന്ധം - 1 ആയും എസ്റ്റിമേറ്റ് അനുബന്ധം - 2 ആയും ചേർക്കുന്നു.
(സി)	പ്രസ്തുത പദ്ധതി എത്രയും വേഗം യാഥാർത്ഥ്യമാക്കുന്നതിന് ഭരണാനുമതി നൽകുന്നതിന് നടപടി സ്വീകരിക്കാമോ?	(സി)	കാഞ്ഞിരപ്പള്ളി റസ്റ്റഹൗസിന്റെ പുതിയ കെട്ടിട നിർമ്മാണ പ്രവൃത്തിയുടെ 300 ലക്ഷം രൂപയുടെ എസ്റ്റിമേറ്റ് സർക്കാർ പരിശോധിച്ചു വരുന്നു. പൊതുമരാമത്ത് ആർക്കിടെക്ട് വിഭാഗം തയ്യാറാക്കിയ ആർക്കിടെക്ടറൽ പ്ലാൻ അനുബന്ധം - 1 ആയും എസ്റ്റിമേറ്റ് അനുബന്ധം - 2 ആയും ചേർക്കുന്നു.

സെക്ഷൻ ഓഫീസർ

അനുബന്ധം. I



AREA

AREA OF GROUND FLOOR -	324 SQM
AREA OF FIRST FLOOR -	264 SQM
AREA OF SECOND FLOOR -	264 SQM
AREA OF STAIR ROOM FLOOR -	62 SQM
AREA OF ALL FLOORS -	914 SQM

ALL DIMENSIONS ARE IN CMS

PROPOSED NEW BUILDING FOR GOVT REST HOUSE KANJIRAPPALLY, KOTTAYAM

PLAN

SCALE : NTS	DRG NO :	SH : NO
DATE : 30.04.2024	AR. 119/24(S)	01/06
eFILE NO:	CAPWD-A20-KTM/2/2024-SA4-AR	

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GOVERNMENT OF KERALA
PUBLIC WORKS DEPARTMENT
OFFICE OF THE CHIEF ARCHITECT
THIRUVANANTHAPURAM 695 033

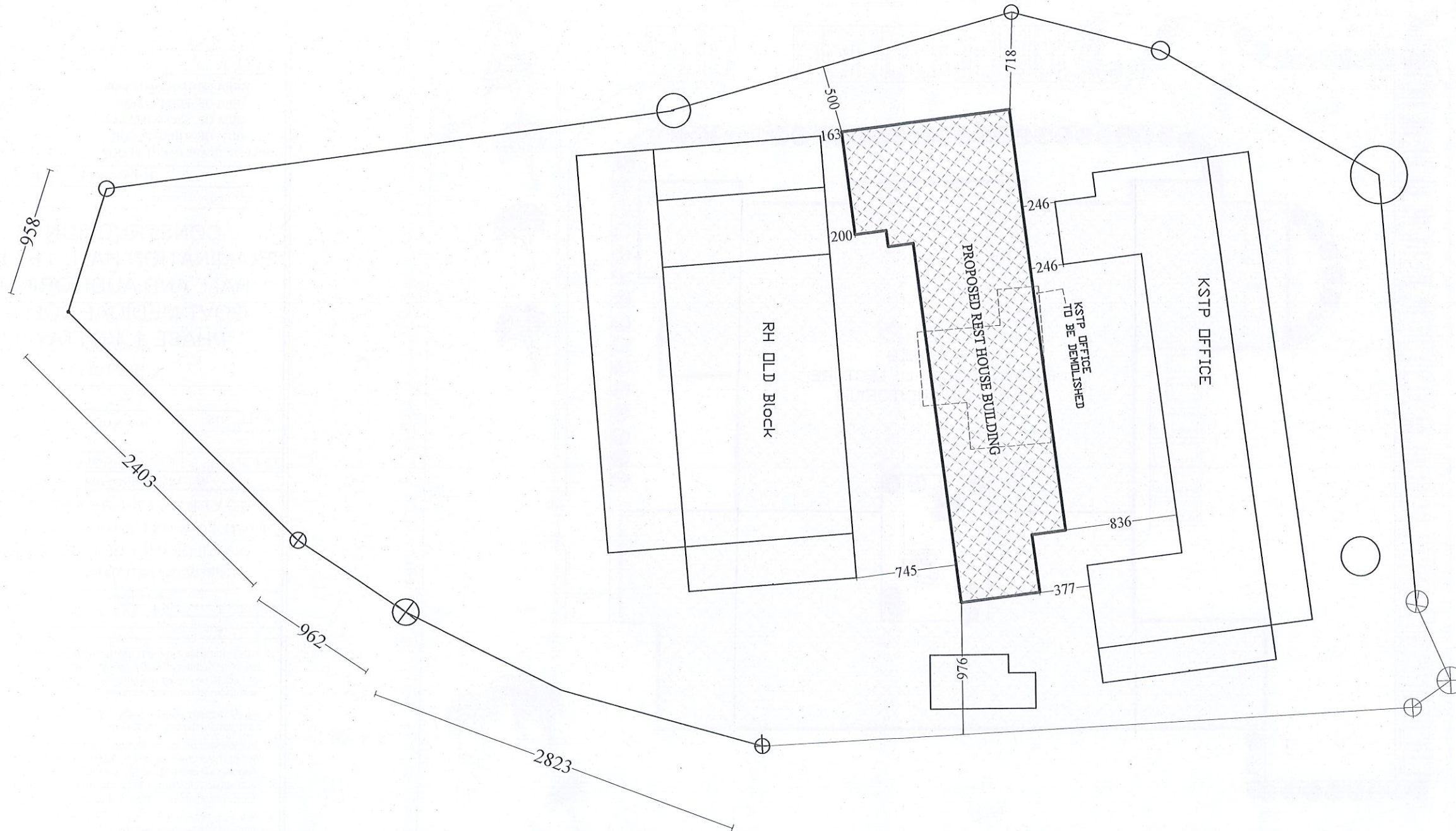
Revision details

Sl.no.	Date	Particulars	CA

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- Rule nos. 5(2) & 7(2) of KMBR 1999 should be satisfied before executing the project.
- Concurrence from concerned Judicial authorities should be obtained before execution at site.

	NAME	DESIGNATION	SIGNATURE
Drawn by	S.Gopakumar	Archl :D/Man	
Designed/Checked by	Surya Nair	Sr. Architect	
Reviewed by	Girish. V.S	Deputy Chief Architect	
Approved by	Rajeev.P.S	Chief Architect	

SURVEY PLAN



AREA

AREA OF GROUND FLOOR -	324 SQM
AREA OF FIRST FLOOR -	264 SQM
AREA OF SECOND FLOOR -	264 SQM
AREA OF STAIR ROOM FLOOR -	62 SQM
AREA OF ALL FLOORS -	914 SQM

ALL DIMENSIONS ARE IN CMS

**PROPOSED NEW BUILDING
FOR GOVT REST HOUSE
KANJIRAPPALLY, KOTTAYAM**

PLAN

SCALE : NTS	DRG NO:	SH : NO
DATE : 30.04.2024	AR. 119/24(S)	02/06
eFILE NO:	CAPWD-A20-KTM/2024-SA4-AR	
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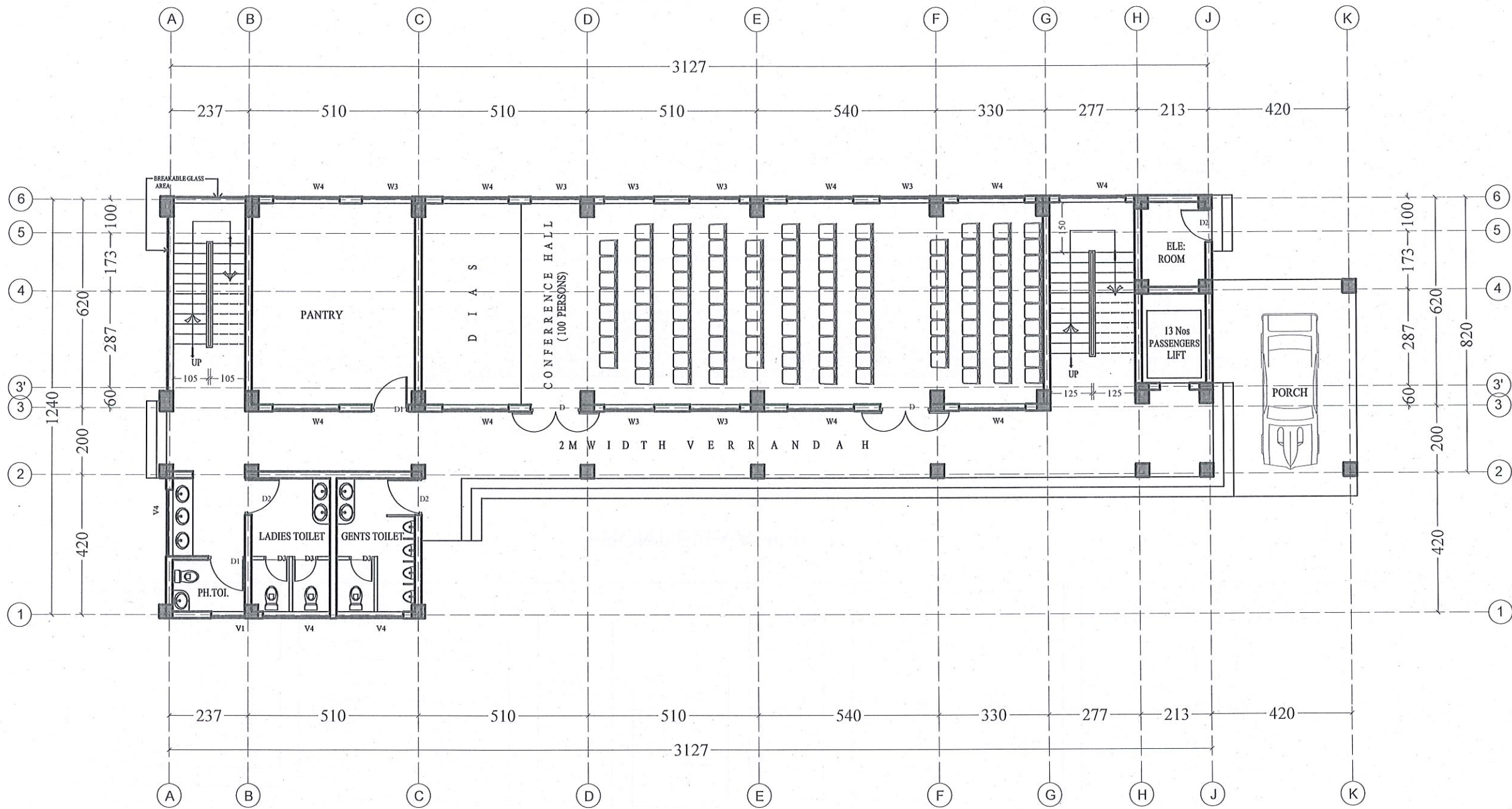
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Designed/ Checked by	Surya Nair	Sr. Architect	
Reviewed by	Girish. V.S	Deputy Chief Architect	
Approved by	Rajeev.P.S	Chief Architect	

SITE PLAN



GROUND FLOOR PLAN

AREA	
AREA OF GROUND FLOOR	324 SQM
AREA OF FIRST FLOOR	264 SQM
AREA OF SECOND FLOOR	264 SQM
AREA OF STAIR ROOM FLOOR	62 SQM
AREA OF ALL FLOORS	914 SQM

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**PROPOSED NEW BUILDING
FOR GOVT REST HOUSE
KANJIRAPPALLY, KOTTAYAM**

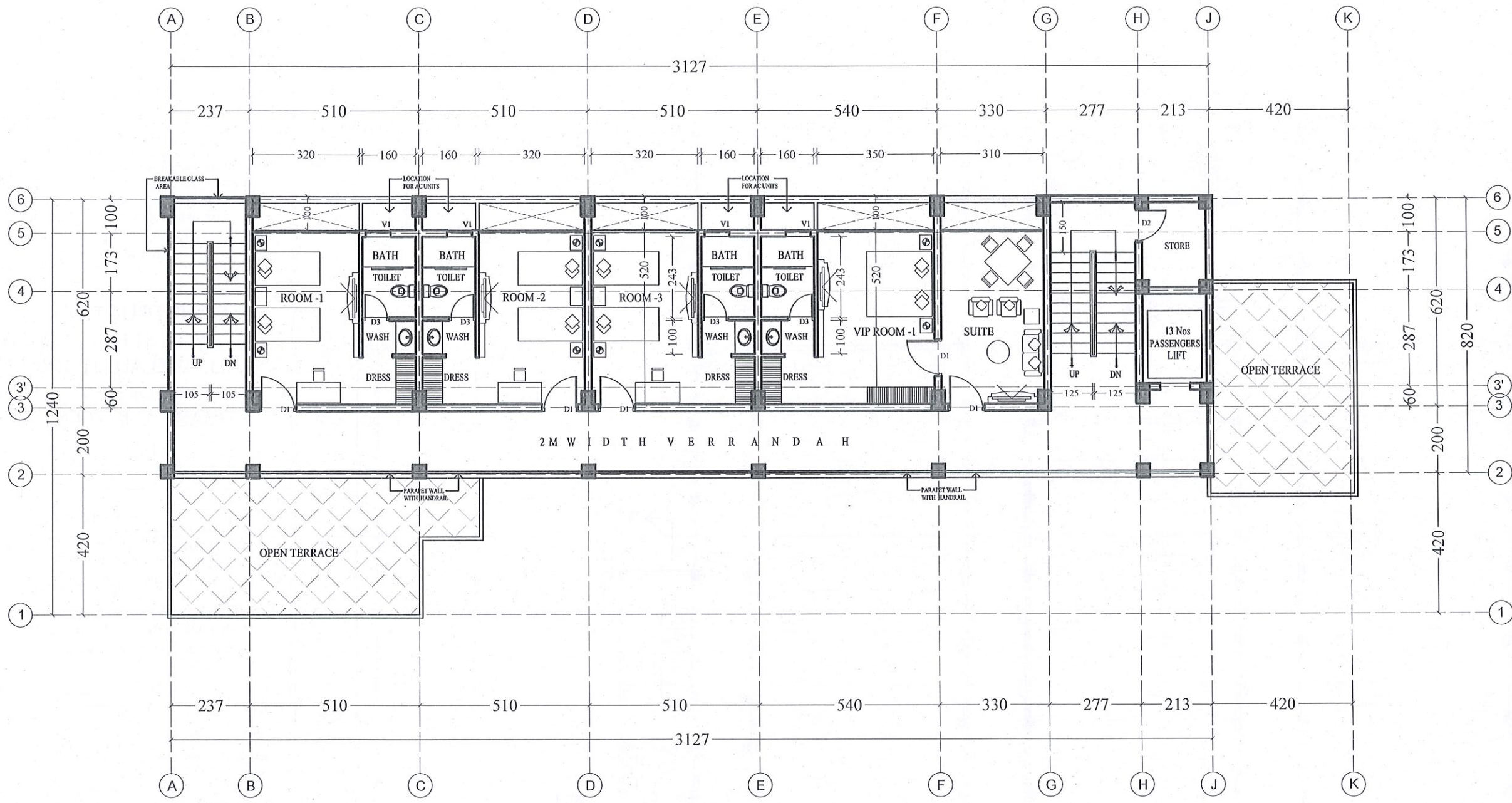
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DATE : 30.04.2024	AR. 119/24(S)	06/06
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Reviewed by	Girish. V.S	Deputy Chief Architect	<i>Girish V.S</i>
Approved by	Rajeev.P.S	Chief Architect	<i>Rajeev.P.S</i>



FIRST FLOOR PLAN

AREA	
AREA OF GROUND FLOOR -	324 SQM
AREA OF FIRST FLOOR -	264 SQM
AREA OF SECOND FLOOR -	264 SQM
AREA OF STAIR ROOM FLOOR -	62 SQM
AREA OF ALL FLOORS -	914 SQM

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**PROPOSED NEW BUILDING
FOR GOVT REST HOUSE
KANJIRAPPALLY, KOTTAYAM**

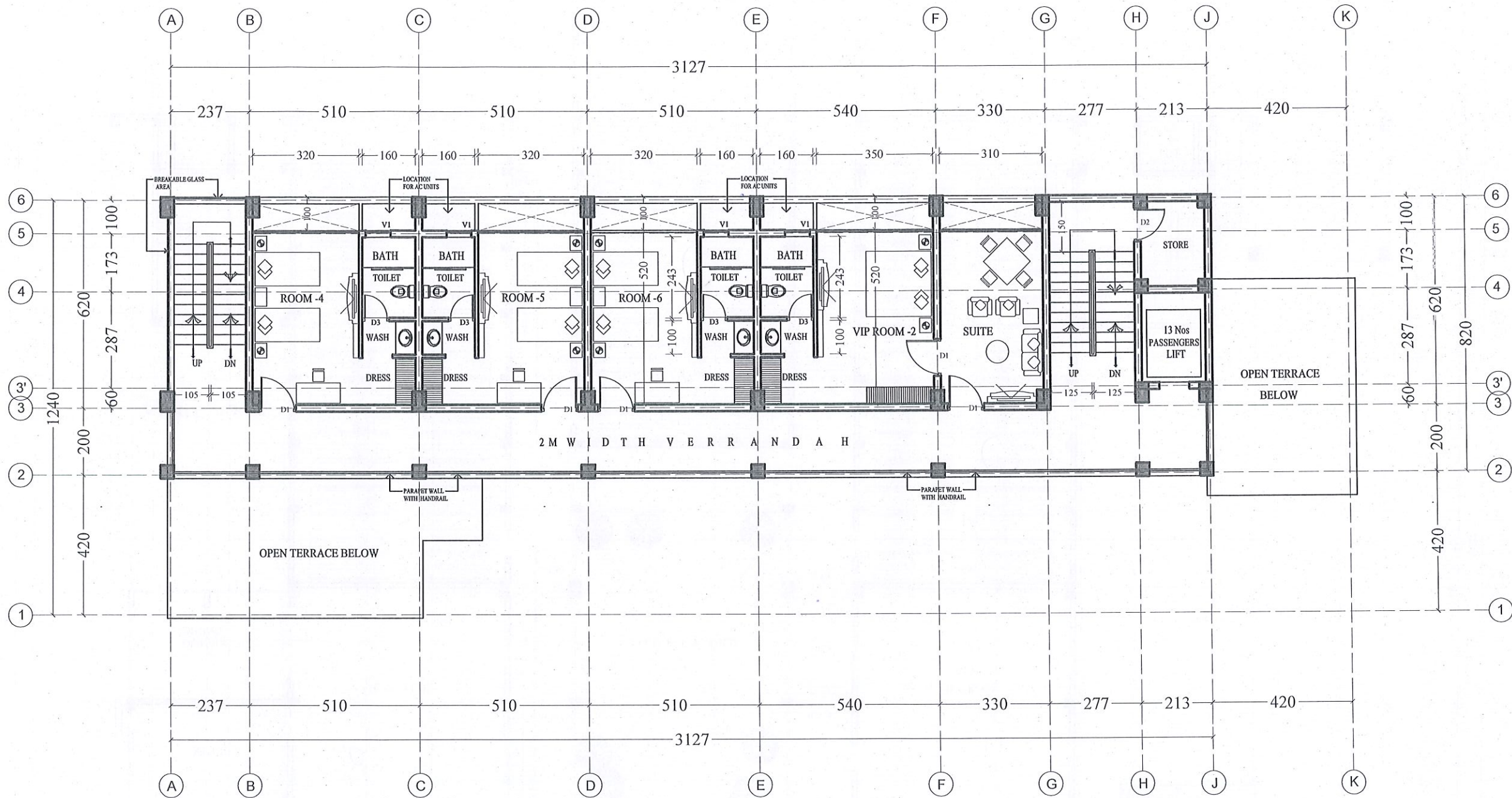
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DATE : 30.04.2024	AR. 119/24(S)	05/06
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Reviewed by	Girish. V.S	Deputy Chief Architect	<i>[Signature]</i>
Approved by	Rajeev.P.S	Chief Architect	<i>[Signature]</i>



AREA	
AREA OF GROUND FLOOR	324 SQM
AREA OF FIRST FLOOR	264 SQM
AREA OF SECOND FLOOR	264 SQM
AREA OF STAIR ROOM FLOOR	62 SQM
AREA OF ALL FLOORS	914 SQM

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**PROPOSED NEW BUILDING
FOR GOVT REST HOUSE
KANJIRAPPALLY, KOTTAYAM**

PLAN

SCALE : NTS	DRG NO:	SH : NO
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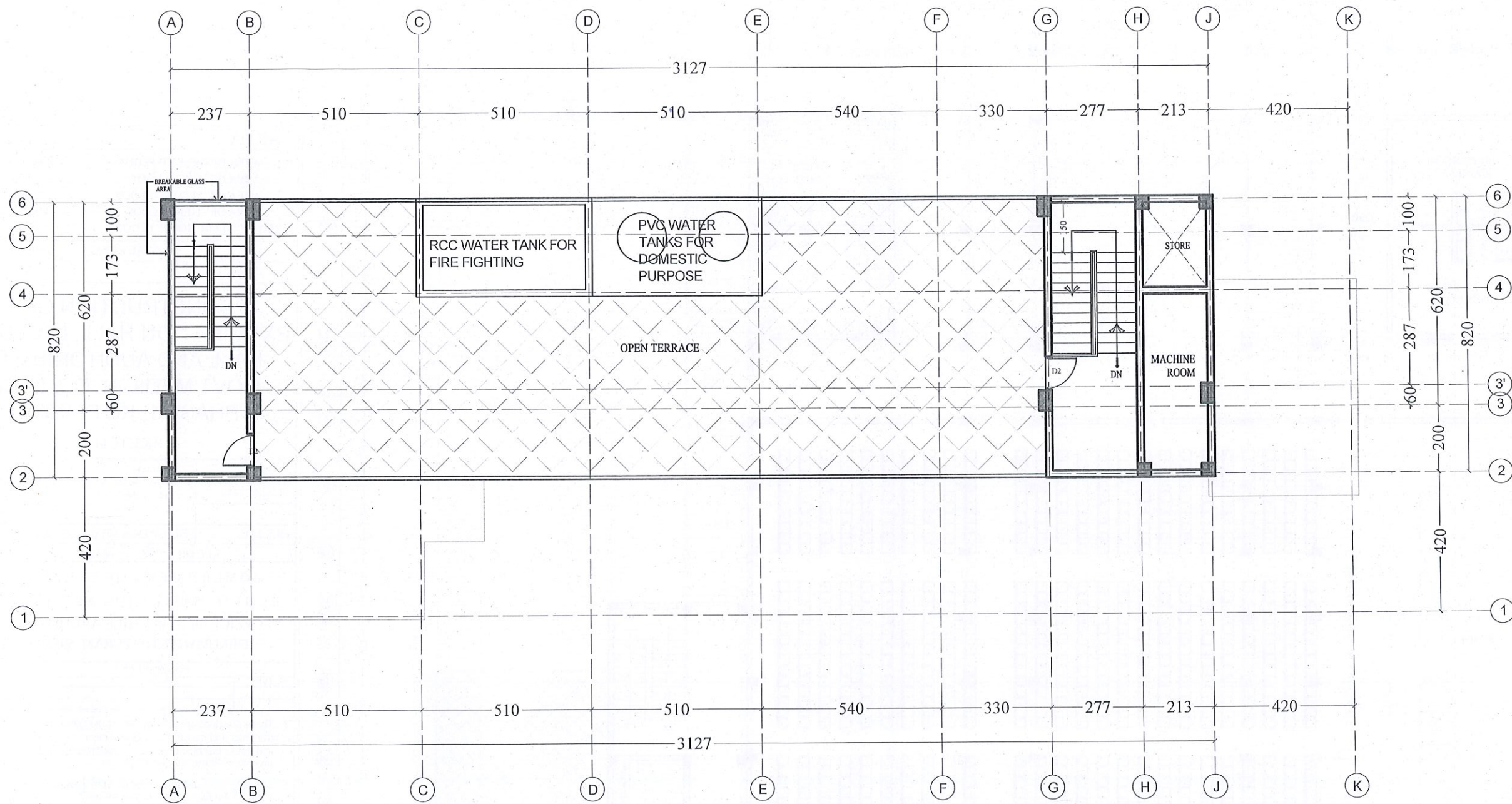
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Approved by	Rajeev.P.S	Chief Architect	<i>[Signature]</i>

SECOND FLOOR PLAN



AREA

AREA OF GROUND FLOOR	-	324 SQM
AREA OF FIRST FLOOR	-	264 SQM
AREA OF SECOND FLOOR	-	264 SQM
AREA OF STAIR ROOM FLOOR	-	62 SQM

AREA OF ALL FLOORS - 914 SQM

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**PROPOSED NEW BUILDING
FOR GOVT REST HOUSE
KANJIRAPPALLY, KOTTAYAM**

PLAN

SCALE : NTS	DRG NO:	SH : NO
DATE : 30.04.2024	AR. 119/24(S)	03/06
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Approved by	Rajeev.P.S	Chief Architect	<i>Rajeev.P.S</i>

STAIR FLOOR PLAN

അനുബന്ധം. II

EST No. :PWD/BLDG/EST/8938/2023_23_1_1 (Edit Id : 8)

(Dsr year : 2018,Cost Index (Place : Kottayam,Value : 136.44),GST : 18%

ESTIMATE REPORT

GENERAL-CONSTRUCTION OF NEW BUILDING FOR REST HOUSE

KANJIRAPPALLY.-Work-General Civil Work

The estimate is prepared based on the request received from the Hon.MLA Dr.N.Jayaraj Kanjirappally constituency for the construction of new building for rest house Kanjirappally.

At present the rest house is working in an old building having only two rooms(VIP room and PWD room) and there is no rooms available for public.Hence this proposal is to construct a separate new block at the back side of existing rest house building by demolishing the old building (sheet roofing)now working as KSTP office

The proposed new building is having a total plinth area of 914 M² , proposed in Three floors (G+2) with provisions of 2 no V.I.P rooms , 6 nos of General Rooms , conference hall, front veranda , two stair case , Car porch , etc.

A brief description of building and specifications adopted in the estimate is as follows:
Structure: -RCC framed structure with isolated footing, column, plinth beam, etc with M25 grade concrete and Beam, slab, stair case etc using M25 grade Concrete using graded broken stone of 20mm nominal size. Wall:- Walls are proposed with cement solid block masonry works in C:M 1:6 , .Doors and Windows: - All doors are proposed with anjili jack wood frames and anjili/ jack wood fully paneled shutter; All windows are proposed with uPVC sliding glazed windows with MS grill backing . Flooring: - All room shall be provided with vitrified tiles flooring . wall finishing with wall tiles are proposed for walls toilet , Finishing: - All the exposed surface of wall shall be plastered with cement mortar 1:4, 12mm thick, the bottom of surface of the slab, beam, sunshade etc are finished with cement mortar 1:3, 6 mm thick. The inside plastered surface of the building shall be finished with interior emulsion paint and outside walls with exterior emulsion paint of approved quality. Provision for water supply and sanitary arrangements of the rest house building , Construction septic tanks and soak pits (Appendix B), Construction of and compound walls , (Appendix C) etc are also proposed in various appendixes .Provision for supplying and providing furniture's for new blockRs 12.00Lkhs , Provision for electrification works 13.00 Lakhs are also proposed in this estimate . The total estimated cost for all these items comes to Rs 300 Lakhs . The estimate is prepared as per D.S.R 2018 with a cost Index of 36.44% and 18% GST for Kottayam District.

Approved By

EST No. :PWD/BLDG/EST/8938/2023_23_1_1 (Edit Id : 8)
(Dsr year : 2018, Cost Index (Place : Kottayam, Value : 136.44), GST : 18%

Beena. L
(PEN:129013), Chief Engineer



GENERAL ABSTRACT
GENERAL-CONSTRUCTION OF NEW BUILDING FOR REST HOUSE
KANJIRAPPALLY.-Work-General Civil Work

SI No	Head Description		Amount
1	1 APPENDIX - A - BUILDING PROPER		21669830.22
2	WATER SUPPLY AND SANITARY ARRANGEMENTS		1135366.30
3	3.Appendix - C - Construction of compound wall		494062.21
	Total Estimation PAC		23299258.73
SI No	Description	Percentage/LS	Amount
L	Lumsum Heading		
L.001	LS Amount for Electrification		
		@LS	1300000.00
L.002	LS amount for purchasing furniture without bidding through approved agency		
		@LS	1200000.00
	Total Lumsum Amount		2500000.00
C	Extra Charges		
C.001	Provision for GST		
	23299258.73	18.00%	4193866.57
	Grand Total		29993125.30
	Round off		6874.70
	Rounded Total(Rs)		30000000.00
	Rupees Three Crore		

Approved By
Beena. L
(PEN:129013), Chief Engineer

DETAILED ESTIMATE

GENERAL-CONSTRUCTION OF NEW BUILDING FOR REST HOUSE

KANJIRAPPALLY.-Work-General Civil Work

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
1	1 APPENDIX - A - BUILDING PROPER						
1.001	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						
	Site levelling						
	Earth work excavation for levelling the site	1.000	28.000	15.000	0.300	1.0000 00	126.000
	yard levelling	2.000	40.000	3.500	0.300		84.000
	Total						210.000
	Total Quantity in cum						210.000
1.002	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						
	Footing and plinth beams						
	Footings F1type	18.000	2.200	2.200	2.000		174.240
	Footing F2 type	16.000	1.600	1.600	2.000		81.920
	Plinth beams and RR work lengthwise - RR work	2.000	31.470	0.600	0.600		22.658
	do	2.000	12.600	0.600	0.600		9.072
	cross plinth beams	7.000	6.200	0.250	0.100		1.085
	lenthwise	1.000	31.270	0.250	0.100		0.782
	do	2.000	7.470	0.250	0.100		0.374
	Toilet	2.000	4.200	0.250	0.100		0.210
	Porch	2.000	4.200	0.250	0.100		0.210
	do	1.000	8.200	0.250	0.100		0.205
	Total						290.756
	Ramp and Step						

SI No	Specification	No	Length	Width	Depth	Cf	Quantity	
	Step	2.000	3.200	0.600	0.100		0.384	
	Step	1.000	24.000	0.600	0.100		1.440	
	Ramp	1.000	7.500	0.450	0.450		1.519	
	Ramp cross	2.000	1.500	0.450	0.450		0.608	
	Total						3.951	
	Total Quantity in cum							294.707
1.003	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)							
	Footing and plinth beam							
	Footings F1 type	18.000	2.200	2.200	0.100		8.712	
	Footing F2 type	16.000	1.600	1.600	0.100		4.096	
	Plinth beams and RR work lengthwise - RR work	2.000	31.470	0.600	0.100		3.776	
	do	2.000	12.600	0.600	0.100		1.512	
	cross plinth beams	7.000	6.200	0.250	0.100		1.085	
	lengthwise	1.000	31.270	0.250	0.100		0.782	
	do	2.000	7.470	0.250	0.100		0.374	
	Toilet	2.000	4.200	0.250	0.100		0.210	
	Porch	2.000	4.200	0.250	0.100		0.210	
	do	1.000	8.200	0.250	0.100		0.205	
	Total						20.962	
	Ramp and step							
	Step	2.000	3.200	0.600	0.100		0.384	
	Step	1.000	24.000	0.600	0.100		1.440	
	Ramp	1.000	7.500	0.450	0.100		0.338	
	Ramp cross	2.000	1.500	0.450	0.100		0.135	
	Total						2.297	
	Flooring							
	Stair	1.000	2.120	5.970	0.075		0.949	
	Stair	1.000	2.520	5.970	0.075		1.128	
	Coference hall	1.000	18.650	5.970	0.075		8.351	
	Verandah	1.000	31.270	2.000	0.075		4.691	
	Toilets	1.000	2.120	3.950	0.075		0.628	
	Toilets	1.000	5.100	3.950	0.075		1.511	

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	Ele	1.000	2.480	1.880	0.075		0.350
	Lift well	1.000	2.870	1.880	0.075		0.405
	Porch	1.000	4.200	7.200	0.075		2.268
	Ramp	1.000	7.500	1.500	0.075		0.844
	Total						21.125
						Total Quantity in cum	44.384
1.004	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)						
	RR work below outer plinth beams						
	Lengthwise	2.000	31.470	0.500	0.500		15.735
	Cross	2.000	12.600	0.500	0.500		6.300
	Ramp	1.000	7.500	0.450	0.450		1.519
	Ramp cross	2.000	1.500	0.450	0.450		0.608
	Total						24.162
						Total Quantity in cum	24.162
1.005	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.						
	Basement						
	Stair	1.000	2.120	5.970	0.450		5.695
	Stair	1.000	2.520	5.970	0.450		6.770
	Coference hall	1.000	18.650	5.970	0.450		50.103
	Verandah	1.000	31.270	2.000	0.450		28.143
	Toilets	1.000	2.120	3.950	0.450		3.768
	Toilets	1.000	5.100	3.950	0.450		9.065
	Ele	1.000	2.480	1.880	0.450		2.098
	Ramp	1.000	7.500	1.500	0.450		5.063
	Total						110.705
						Total Quantity in cum	110.705
1.006	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						
	Foundation,Plinth beam,column pedestal						

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	Footing @ 85kg/m3	1.000	60.704			85.000 000	5159.840
	Plinth beams @ 150kg/m3	1.000	30.384			150.00 0000	4557.600
	Pedestals @ 140kg/m3	1.000	7.600			140.00 0000	1064.000
	Total						10781.44 0
						Total Quantity in kilogram	10781.44 0
1.007	OD66676/2023-2024						
	Providing and laying in position machine batched and machine mixed design mix M-25 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 @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately. All work up to plinth level						
	Footing						
	Footings F1 type 1st footing	18.000	2.000	2.000	0.400		28.800
	Footing F2 type 1st footing	16.000	1.400	1.400	0.350		10.976
	Footing F1 type 2nd footing	18.000	1.600	1.600	0.350		16.128
	Footing F2 type 2nd footing	16.000	1.000	1.000	0.300		4.800
	Total						60.704
	Pedastle						
	column pedestals	1.000	0.000				0.000
	F1	18.000	0.400	0.700	1.000	1.0000 00	5.040
	F2	16.000	0.400	0.400	1.000	1.0000 00	2.560
	Total						7.600
	Plinth beam						
	Longitudinal Plinth beams	3.000	31.470	0.300	0.400		11.329
	do	1.000	7.720	0.300	0.400		0.926
	Cross Plinth beams	9.000	8.450	0.300	0.600		13.689
	Bath room	2.000	4.200	0.300	0.600		1.512

SI No	Specification	No	Length	Width	Depth	Cf	Quantity	
	do	2.000	4.200	0.300	0.400		1.008	
	Lift	1.000	2.130	0.300	0.400		0.256	
	Porch	2.000	4.200	0.300	0.400		1.008	
	do	1.000	5.470	0.300	0.400		0.656	
	Total						30.384	
	Total Quantity in cum							98.688
1.008	OD66819/2023-2024							
	Providing and laying in position machine batched and machine mixed design mix M-25 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 @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately. All work above plinth level							
	Column							
	GF ,FF and SF Column C1	3*18.000	0.300	0.600	3.600	1.000000	34.992	
	do C2 -GF	1*16	0.300	0.300	3.600	1.000000	5.184	
	do C2 -FF,SF	2*9	0.300	0.300	3.600	1.000000	5.832	
	Head Room columns	4.000	0.300	0.600	3.000	1.000000	2.160	
	Total						48.168	
	Roof slab							
	do Roof slab	3.000	31.820	8.750	0.120	1.000000	100.233	
	Porch	1.000	4.350	6.000	0.120	1.000000	3.132	
	toilet	1.000	8.000	4.350	0.120	1.000000	4.176	
	Deduction staircase	-3.000	4.450	2.520	0.120	1.000000	-4.037	
	Deduction staircase	-3.000	4.450	2.120	0.120	1.000000	-3.396	
	staircase Head room, Machine room	1.000	5.200	8.500	0.120	1.000000	5.304	
	do	1.000	2.670	8.500	0.120	1.000000	2.723	
	Total						108.135	
	Beams							

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	Main beams - GF,FF,SF	3*9.00 0	6.200	0.250	0.480		20.088
	do - Verandah	3*9.00 0	2.000	0.250	0.280	1.0000 00	3.780
	beam at Toilet	3.000	4.200	0.250	0.480	1.0000 00	1.512
	do	1.000	7.720	0.250	0.280	1.0000 00	0.540
	Longitudinal beams	3*3	31.270	0.250	0.280	1.0000 00	19.700
	Porch	2.000	4.200	0.250	0.480	1.0000 00	1.008
	Porch	1.000	5.470	0.250	0.480	1.0000 00	0.656
	do stair top	3*1.00 0	2.770	0.250	0.280	1.0000 00	0.582
	do stair top	3*1.00 0	2.370	0.250	0.280	1.0000 00	0.498
	Head Room BEAMS	3.000	8.200	0.250	0.480	1.0000 00	2.952
	do	3.000	4.900	0.250	0.280	1.0000 00	1.029
	do	3.000	2.370	0.250	0.280	1.0000 00	0.498
	Sub beams lift room	3.000	1.880	0.250	0.280	1.0000 00	0.395
	do toilets Gf	1.000	4.200	0.230	0.280	1.0000 00	0.270
	do toilets Gf	1.000	7.220	0.230	0.280	1.0000 00	0.465
	do FF,SF	2.000	24.000	0.230	0.280	1.0000 00	3.091
	do FF,SF	2*4	6.200	0.230	0.280	1.0000 00	3.194
	do FF,SF	2*4	1.600	0.230	0.280	1.0000 00	0.824
	Total						61.082
	Staircase						
	waist slab	3*2	4.300	1.250	0.180	1.0000 00	5.805
	do	3*2	4.300	1.050	0.180	1.0000 00	4.876
	step	3*2*1 2	1.250	0.300	0.15/2	1.0000 00	2.025

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	step	3*2*1 2	1.050	0.300	0.15/2	1.0000 00	1.701
	mid landing	3*1.00 0	2.520	1.500	0.180	1.0000 00	2.041
	mid landing	3*1.00 0	2.120	1.500	0.180	1.0000 00	1.717
	Total						18.165
	lintel and sunshade						
	GF lintel	1.000	0.000	0.000	0.000	0.0000 00	0.000
	longitudinal walls	5.000	2.120	0.200	0.200	1.0000 00	0.424
	longitudinal walls	5.000	4.850	0.200	0.200	1.0000 00	0.970
	longitudinal walls	2*2	4.850	0.200	0.200	1.0000 00	0.776
	longitudinal walls	2.000	5.150	0.200	0.200	1.0000 00	0.412
	longitudinal walls	2.000	3.050	0.200	0.200	1.0000 00	0.244
	longitudinal walls	2.000	2.520	0.200	0.200	1.0000 00	0.202
	longitudinal walls	3.000	1.880	0.200	0.200	1.0000 00	0.226
	Cross walls	6.000	5.600	0.200	0.200	1.0000 00	1.344
	Cross walls toilet	4.000	4.200	0.200	0.200	1.0000 00	0.672
	Cross walls toilet	3.000	2.120	0.200	0.200	1.0000 00	0.254
	verandah over pillars-GF,FF,SF	3.000	23.800	0.200	0.400	1.0000 00	5.712
	do	3*2	2.000	0.200	0.400	1.0000 00	0.960
	lintels-FF,SF	2*2	2.120	0.200	0.200	1.0000 00	0.339
	lintels-FF,SF	2*3*2	4.850	0.200	0.200	1.0000 00	2.328
	lintels-FF,SF	2*2	5.150	0.200	0.200	1.0000 00	0.824
	lintels-FF,SF	2*2	3.050	0.200	0.200	1.0000 00	0.488
	lintels-FF,SF	2*2	2.650	0.200	0.200	1.0000 00	0.424

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	lintels-FF,SF	2*2	1.880	0.200	0.200	1.0000 00	0.301
	Cross lintels- FF,SF	2*13	5.600	0.200	0.200	1.0000 00	5.824
	Bath rooms	2*8	1.600	0.200	0.200	1.0000 00	1.024
	GF,FF,Sf Sun shade left and right side	2*3	7.400	0.600	(0.10+0.0 75)/2	1.0000 00	2.331
	do front and back	3*2	31.270	0.600	(0.10+0.0 75)/2	1.0000 00	9.850
	GF toilet portion	2.000	4.200	0.600	(0.10+0.0 75)/2	1.0000 00	0.441
	Total						36.370
	RCC fire tank						
	Long wall	2.000	5.100	0.200	1.500		3.060
	cross wall	2.000	2.730	0.200	1.500		1.638
	top slab	1.000	5.100	2.730	0.200		2.785
	Total						7.483
						Total Quantity in cum	279.403
1.009	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						
	Above plinth						
	Beam 140kg/m3	1.000	61.082			140.00 0000	8551.480
	Column 150kg/m3	1.000	48.168			150.00 0000	7225.200
	Slab 100kg/m3	1.000	108.135			100.00 0000	10813.50 0
	Stair 140kg/m3	1.000	18.165			140.00 0000	2543.100
	Lintel and shade 100kg/m3	1.000	36.370			100.00 0000	3637.000
	RCC tank 150kg/m3	1.000	7.483			150.00 0000	1122.450
	Total						33892.73 0
						Total Quantity in kg	33892.73 0
1.010	5.9.1						

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	Centering and shuttering including strutting, etc. and removal of form for:Foundations, footings, bases of columns, etc for mass concrete						
	Footings						
	F1- First footing	18*4	2.000	0.400		1.0000 00	57.600
	F2 - do	16*4	1.400	0.350		1.0000 00	31.360
	F1 -2nd footing	18*4	1.600	0.350		1.0000 00	40.320
	F2 - do	16*4	1.000	0.350		1.0000 00	22.400
	Total						151.680
	Total Quantity in sqm						151.680
1.011	5.9.3						
	Centering and shuttering including strutting, etc. and removal of form for:Suspended floors, roofs, landings, balconies and access platform						
	G.F Roof slab						
	Roof-GF,FF,SF	3.000	31.820	8.750		1.0000 00	835.275
	GF Porch	1.000	4.350	6.000		1.0000 00	26.100
	GF toilet	1.000	8.000	4.350		1.0000 00	34.800
	Deductions- Stair case	-3.000	4.450	2.520			-33.642
	stair case portions	-3.000	4.450	2.120		1.0000 00	-28.302
	Mid Landing	3.000	2.520	1.500		1.0000 00	11.340
	Mid Landing	3.000	2.120	1.500		1.0000 00	9.540
	stair case Head room	1.000	5.200	8.500			44.200
	stair case Head room	1.000	2.670	8.500		1.0000 00	22.695
	RCC tank slab	1.000	5.100	2.730		1.0000 00	13.923
	Total						935.929
	Total Quantity in sqm						935.929
1.012	5.9.5						
	Centering and shuttering including strutting, etc. and removal of form for:Lintels, beams, plinth beams, girders bressumers and cantilevers						
	Plinth Beams						

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	Plinth beam	3*2	31.470		0.400		75.528
	do	1*2	7.720		0.400		6.176
	Cross plinth beams	9*2	8.450		0.600		91.260
	do toilet	2*2	4.200		0.600		10.080
	do toilet	2*2	4.200		0.400		6.720
	do Lift	1*2	2.130		0.400		1.704
	do porch	2*2	4.200		0.400		6.720
	do	1*2	5.470		0.400		4.376
	Total						202.564
	Roof beams						
	Main beams - GF,FF,SF	3*9*2	6.200		0.480		160.704
	Main beams - GF,FF,SF bottom	3*9*1	6.200	0.250			41.850
	do - Verandah	3*9*2	2.000		0.280	1.0000 00	30.240
	do - Verandah-bottom	3*9*1	2.000	0.250		1.0000 00	13.500
	beam at Toilet	3*2	4.200		0.480	1.0000 00	12.096
	beam at Toilet-bottom	3*1	4.200	0.250		1.0000 00	3.150
	do	2.000	7.720		0.280	1.0000 00	4.323
	do bottom	1.000	7.720	0.250		1.0000 00	1.930
	Longitudinal beams	3*3*2	31.270		0.280	1.0000 00	157.601
	Longitudinal beams bottom	3*3*1	31.270	0.250		1.0000 00	70.358
	Porch	2*2	4.200		0.480	1.0000 00	8.064
	Porch bottom	2*1	4.200	0.250		1.0000 00	2.100
	Porch	2.000	5.470		0.480	1.0000 00	5.251
	Porch bottom	1.000	5.470	0.250		1.0000 00	1.368
	do stair top	3*2	2.770		0.280	1.0000 00	4.654
	do stair top bottom	3*1	2.770	0.250		1.0000 00	2.078

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	do stair top	3*2	2.370		0.280	1.0000 00	3.982
	do stair top bottom	3*1	2.370	0.250		1.0000 00	1.778
	Head Room BEAMS	3*2	8.200		0.480	1.0000 00	23.616
	Head Room BEAMS bottom	3.000	8.200	0.250		1.0000 00	6.150
	do	3*2	4.900		0.280	1.0000 00	8.232
	do bottom	3*1	4.900	0.250		1.0000 00	3.675
	do	3*2	2.370		0.280	1.0000 00	3.982
	do	3*1	2.370	0.250		1.0000 00	1.778
	Sub beams lift room	3*2	1.880		0.280	1.0000 00	3.158
	Sub beams lift room	3.000	1.880	0.250		1.0000 00	1.410
	do toilets Gf	1*2	4.200		0.280	1.0000 00	2.352
	do toilets Gf bottom	1.000	4.200	0.230		1.0000 00	0.966
	do toilets Gf	1*2	7.220		0.280	1.0000 00	4.043
	do toilets Gf botom	1.000	7.220	0.230		1.0000 00	1.661
	do FF,SF	2*2	24.000		0.280	1.0000 00	26.880
	do FF,SF botom	2.000	24.000	0.230		1.0000 00	11.040
	do FF,SF	2*4*2	6.200		0.280	1.0000 00	27.776
	do FF,SF bottom	2*4*1	6.200	0.230		1.0000 00	11.408
	do FF,SF	2*4*2	1.600		0.280	1.0000 00	7.168
	do FF,SF bottom	2*4*1	1.600	0.230		1.0000 00	2.944
	Total						673.266
	Lintels						
	longitudinal walls	5*2	2.120		0.200	1.0000 00	4.240

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	longitudinal walls	5*2	4.850		0.200	1.0000 00	9.700
	longitudinal walls	2*2*2	4.850		0.200	1.0000 00	7.760
	longitudinal walls	2*2	5.150		0.200	1.0000 00	4.120
	longitudinal walls	2*2	3.050		0.200	1.0000 00	2.440
	longitudinal walls	2*2	2.520		0.200	1.0000 00	2.016
	longitudinal walls	3*2	1.880	0.200	0.200	1.0000 00	0.451
	Cross walls	6*2	5.600		0.200	1.0000 00	13.440
	Cross walls toilet	4*2	4.200		0.200	1.0000 00	6.720
	Cross walls toilet	3*2	2.120		0.200	1.0000 00	2.544
	verandah over pillars-GF,FF,SF	3*2	23.800		0.400	1.0000 00	57.120
	do	3*2*2	2.000		0.400	1.0000 00	9.600
	lintels-FF,SF	2*2*2	2.120		0.200	1.0000 00	3.392
	lintels-FF,SF	2*2*3 *2	4.850		0.200	1.0000 00	23.280
	lintels-FF,SF	2*2*2	5.150		0.200	1.0000 00	8.240
	lintels-FF,SF	2*2*2	3.050		0.200	1.0000 00	4.880
	lintels-FF,SF	2*2*2	2.650		0.200	1.0000 00	4.240
	lintels-FF,SF	2*2*2	1.880		0.200	1.0000 00	3.008
	Cross lintels-FF,SF	2*2*1 3	5.600		0.200	1.0000 00	58.240
	Bath rooms	2*2*8	1.600		0.200	1.0000 00	10.240
	Total						235.671
						Total Quantity in sqm	1111.501
1.013	5.9.6						
	Centering and shuttering including strutting, etc. and removal of form for:Columns, Pillars, Piers, Abutments, Posts and Struts						
	Column pedastle						

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	column pedestals	1.000	0.000				0.000
	F1	18.000	2.200		1.000	1.0000 00	39.600
	F2	16.000	1.600		1.000	1.0000 00	25.600
	Total						65.200
	Column						
	GF ,FF and SF Column C1	3*18.0 00	1.800		3.600	1.0000 00	349.920
	do C2 -GF	1*16	1.200		3.600	1.0000 00	69.120
	do C2 -FF,SF	2*9	1.200		3.600	1.0000 00	77.760
	Head Room columns	4.000	1.800		3.000	1.0000 00	21.600
	Total						518.400
						Total Quantity in sqm	583.600
1.014	5.9.19						
	Centering and shuttering including strutting, etc. and removal of form for: Weather shade, Chajjas, corbels etc., including edges						
	Sunshade						
	GF,FF,Sf Sun shade left and right side	2*3	7.400	0.600		1.0000 00	26.640
	do front and back	2*3	31.270	0.600		1.0000 00	112.572
	GF toilet portion	2.000	4.200	0.600		1.0000 00	5.040
	Total						144.252
						Total Quantity in sqm	144.252
1.015	5.9.7						
	Centering and shuttering including strutting, etc. and removal of form for:Stairs, (excluding landings) except spiral - staircases)						
	Stair case GF -FF,SF						
	Waist slab bottom	3*2	4.300	1.250			32.250
	Waist slab bottom	3*2	4.300	1.050			27.090
	do sides	3*2*2	4.300		0.180		9.288
	Step	3*2*1 2	1.250		0.150		13.500

SI No	Specification	No	Length	Width	Depth	Cf	Quantity	
	Step	3*2*1 2	1.050		0.150		11.340	
	Total						93.468	
	Total Quantity in sqm							93.468
1.016	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							
	Roof slab							
	GF,FF,SF	3*2	31.500				189.000	
	do	3*2	8.500				51.000	
	GF	2.000	7.600				15.200	
	Total						255.200	
	Total Quantity in metre							255.200
1.017	5.9.2							
	Centering and shuttering including strutting, etc. and removal of form for: Walls (any thickness) including attached pilasters, butresses, plinth and string courses etc.							
	RCC tank							
		2.000	9.830		1.500		29.490	
	Total						29.490	
	Total Quantity in sqm							29.490
1.018	50.6.2.2							
	Solid masonry using pre cast solid blocks (factory made) of size 30x20x15cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level with thickness 15cm in : CM 1:6 (1 cement : 6 coarse sand) etc complete							
	GF							
	Conference hall long wall	2*2	4.800	0.200	3.480		13.363	
	Conference hall long wall	2.000	5.100	0.200	3.480		7.099	
	Conference hall long wall	2.000	3.000	0.200	3.480		4.176	
	Pantry	2.000	4.800	0.200	3.480		6.682	
	stair	2.000	2.070	0.200	3.480		2.881	
	stair	2.000	2.470	0.200	3.480		3.438	
	Ele,Lift room	3.000	1.830	0.200	3.480		3.821	
	cross walls	6.000	5.600	0.200	3.480		23.386	
	Toilet walls	2.000	4.800	0.200	3.480		6.682	
	Toilet walls	2.000	2.070	0.200	3.480		2.881	
	Toilet walls	4.000	3.900	0.200	3.480		10.858	

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	Toilet partition walls	1.000	2.070	0.100	3.480		0.720
	Toilet partition walls	3*2	1.500	0.100	3.480		3.132
	Verandah wall above lintel	2.000	4.800	0.200	1.300		2.496
	Verandah wall above lintel	1.000	5.100	0.200	1.300		1.326
	Verandah wall above lintel	2.000	2.000	0.200	1.300		1.040
	Total						93.981
	GF Deduction						
	D	-2.000	1.200	0.200	2.250		-1.080
	D1	-2.000	1.000	0.200	2.250		-0.900
	D2	-6.000	0.900	0.200	2.250		-2.430
	W3	-7.000	1.500	0.200	1.650		-3.465
	W4	-9.000	2.000	0.200	1.650		-5.940
	V1	-1.000	0.450	0.200	0.450		-0.041
	V4	-3.000	1.800	0.200	0.450		-0.486
	Opening	-1.000	2.070	0.200	2.100		-0.869
	Opening	-1.000	2.470	0.200	2.100		-1.037
	Lift opening	-1.000	1.200	0.200	2.100		-0.504
	Total						-16.752
	FF						
	Long walls stair	2.000	2.070	0.200	3.480		2.881
	Long walls Room 1,2,3	2*3	4.800	0.200	3.480		20.045
	Long walls VIP Room	2.000	5.100	0.200	3.480		7.099
	Long walls VIP Room	2.000	3.000	0.200	3.480		4.176
	stair	2.000	2.470	0.200	3.480		3.438
	lift and store	3.000	1.830	0.200	3.480		3.821
	cross walls	13.000	5.600	0.200	3.480		50.669
	Vearandah walls	1.000	2.070	0.200	1.200		0.497
	Vearandah walls	3.000	4.800	0.200	1.200		3.456
	Vearandah walls	1.000	5.100	0.200	1.200		1.224
	Vearandah walls	1.000	3.000	0.200	1.200		0.720
	Vearandah walls	1.000	2.470	0.200	1.200		0.593
	Vearandah walls	1.000	1.830	0.200	1.200		0.439

SI No	Specification	No	Length	Width	Depth	Cf	Quantity	
	Total						99.058	
	FF Deduction							
	D1	-5.000	1.000	0.200	2.250		-2.250	
	D3	-4.000	0.900	0.200	2.250		-1.620	
	W3	-3.000	1.500	0.200	1.650		-1.485	
	W4	-4.000	2.000	0.200	1.650		-2.640	
	V1	-4.000	0.450	0.200	0.450		-0.162	
	Opening	-1.000	2.070	0.200	2.100		-0.869	
	Opening	-1.000	2.470	0.200	2.100		-1.037	
	Opening	-4*2	1.500	0.200	2.100		-5.040	
	Lift opening	-1.000	1.200	0.200	2.100		-0.504	
	Total						-15.607	
	Total Quantity in cum							160.680
1.019	50.6.2.3							
	Solid block masonry using pre cast solid blocks (Factory made) of size 30x20x15cm or nearest available size confirming to IS 2185 part I of 1979 for super structure above floor two level upto floor five level with thickness 15cm in : CM 1:6 (1 cement : 6 coarse sand) etc complete							
	SF							
	Long walls stair	2.000	2.070	0.200	3.480		2.881	
	Long walls Room 1,2,3	2*3	4.800	0.200	3.480		20.045	
	Long walls VIP Room	2.000	5.100	0.200	3.480		7.099	
	Long walls VIP Room	2.000	3.000	0.200	3.480		4.176	
	stair	2.000	2.470	0.200	3.480		3.438	
	lift and store	3.000	1.830	0.200	3.480		3.821	
	cross walls	13.000	5.600	0.200	3.480		50.669	
	Vearandah walls	1.000	2.070	0.200	1.200		0.497	
	Vearandah walls	3.000	4.800	0.200	1.200		3.456	
	Vearandah walls	1.000	5.100	0.200	1.200		1.224	
	Vearandah walls	1.000	3.000	0.200	1.200		0.720	
	Vearandah walls	1.000	2.470	0.200	1.200		0.593	
	Vearandah walls	1.000	1.830	0.200	1.200		0.439	
	Total						99.058	
	SF Deduction							
	D1	-5.000	1.000	0.200	2.250		-2.250	
	D3	-4.000	0.900	0.200	2.250		-1.620	

SI No	Specification	No	Length	Width	Depth	Cf	Quantity	
	W3	-3.000	1.500	0.200	1.650		-1.485	
	W4	-4.000	2.000	0.200	1.650		-2.640	
	V1	-4.000	0.450	0.200	0.450		-0.162	
	Opening	-1.000	2.070	0.200	2.100		-0.869	
	Opening	-1.000	2.470	0.200	2.100		-1.037	
	Opening	-4*2	1.500	0.200	2.100		-5.040	
	Lift opening	-1.000	1.200	0.200	2.100		-0.504	
	Total						-15.607	
	Head Room and parapet							
	Stair room	2.000	2.070	0.200	3.000		2.484	
	Stair room	2.000	2.470	0.200	3.000		2.964	
	Store, Machine room	2.000	1.830	0.200	3.000		2.196	
	Cross walls	5.000	5.600	0.200	3.000		16.800	
	Cross walls	5.000	1.700	0.200	3.000		5.100	
	Parapet	2.000	24.000	0.150	1.200		8.640	
	Parapet pillars	30.000	1.200	0.200	0.150		1.080	
	Total						39.264	
	Head room Deduction							
	D2	-2.000	0.900	0.200	3.000		-1.080	
	Total						-1.080	
	Total Quantity in cum							121.635
1.020	13.1.1							
	12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)							
	GF Inside							
	Conference hall	2.000	23.770		3.600		171.144	
	Conference hall	2.000	5.970		3.600		42.984	
	Pantry	2.000	4.870		3.600		35.064	
	Pantry	2.000	5.970		3.600		42.984	
	Stair	2.000	2.140		3.600		15.408	
	Stair	2.000	5.970		3.600		42.984	
	Stair	2.000	2.540		3.600		18.288	
	Stair	2.000	5.970		3.600		42.984	
	Ele	2.000	1.900		3.600		13.680	
	Ele	2.000	2.500		3.600		18.000	
	Lift	2.000	2.870		3.600		20.664	
	Lift	2.000	1.900		3.600		13.680	

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	Toilet	6.000	3.970		3.600		85.752
	Toilet	4.000	2.140		3.600		30.816
	Toilet	4.000	4.870		3.600		70.128
	Verandah	1.000	31.500		3.600		113.400
	Verandah	1.000	31.500		1.730		54.495
	Extra for column projection	1.000	5.000				5.000
	Deduction D	-2.000	1.200		2.250		-5.400
	Deduction D1	-2.000	1.000		2.250		-4.500
	Deduction W3	-7*0.5	1.500		1.650		-8.663
	Deduction W4	-9*0.5	2.000		1.650		-14.850
	Deduction V4	-3*0.5	1.800		0.450		-1.215
	Total						802.827
	GF Outside						
	Back	1.000	31.500		4.050		127.575
	Sides	2.000	12.630		4.050		102.303
	front	1.000	31.500		1.500		47.250
	front	1.000	31.500		1.500		47.250
	Shade top	2.000	13.800	0.600			16.560
	Shade top	2.000	31.270	0.600			37.524
	Deduction Outside W3	-7*0.5	1.500		1.650		-8.663
	Deduction Outside W3	-9*0.5	2.000		1.650		-14.850
	Deduction Outside V4	-3*0.5	1.800		0.450		-1.215
	Total						353.734
	FF and SF inside						
	Long wall Room1,2,3,4,5,6	2*3*2	4.870		3.600		210.384
	Long VIP room	2*2	5.170		3.600		74.448
	stair room	2*2	2.140		3.600		30.816
	stair room	2*2	2.540		3.600		36.576
	store and Lift	2*4	1.800		3.600		51.840
	cross wall	2*24	5.970		3.600		1031.616
	Verandah	2*1	31.270		3.600		225.144
	Verandah	2*1	31.270		1.500		93.810
	Verandah	2*2	2.000		1.500		12.000

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	Extra for column proection	1.000	10.000				10.000
	Deduction D1	-2*5	1.000		2.250		-22.500
	Deduction D3	-2*4	0.900		2.250		-16.200
	Deduction W4	2*5*0.5	2.000		1.650		-16.500
	Deduction W3	2*3*0.5	1.500		1.650		-7.425
	Opening	-2.000	2.540		2.100		-10.668
	Opening	-2.000	2.540		2.100		-10.668
	Opening	-2*4	2.400		2.100		-40.320
	Total						1652.353
	FF,SF Outside						
	Back	2.000	31.500		3.600		226.800
	Sides	2*2	8.200		3.600		118.080
	Front	2.000	31.500		1.500		94.500
	Shade top sides	2*2	9.400		0.600		22.560
	Shade top front and back	2*2	31.500		0.600		75.600
	deduction W4	2*5*0.5	2.000		1.650		-16.500
	deduction W3	2*3*0.5	1.500		1.650		-7.425
	Opening	-2*2	2.000		2.100		-16.800
	Total						496.815
	Head Room Inside						
		2.000	2.140		3.000		12.840
		2.000	2.540		3.000		15.240
		2.000	1.800		3.000		10.800
	Cross wall	8.000	5.970		3.000		143.280
	Deduction D2	-2.000	0.900		2.250		-4.050
	Total						178.110
	Head room out side						
		2.000	5.130		3.000		30.780
		2.000	5.970		3.000		35.820
	deduction	-2*0.5	0.900		2.250		-2.025
	parapet	2.000	24.000		2.550		122.400

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	Total						186.975
						Total Quantity in sqm	3670.814
1.021	13.9.1						
	Cement plaster 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement.12 mm cement plaster						
	Plaster						
	Roof Top area	1.000	24.000	7.900			189.600
	Porch Roof Top	1.000	6.670	4.400			29.348
	stair room roof top	1.000	8.730	5.430			47.404
	do	1.000	8.730	2.900			25.317
	Total						291.669
						Total Quantity in sqm	291.669
1.022	13.16.1						
	6 mm cement plaster of mix:1:3 (1 cement : 3 fine sand)						
	Ceiling						
	GF	1.000	31.500	8.200			258.300
	Toilet portion	1.000	4.430	7.700			34.111
	Deduction beams	-6.000	6.200	0.230			-8.556
	Deduction beams	-3.000	31.270	0.230			-21.576
	Deduction beams	-2.000	4.200	0.230			-1.932
	Deduction beams	-2.000	7.700	0.230			-3.542
	stair portion	-1.000	2.140	4.700			-10.058
	stair portion	-1.000	1.900	4.700			-8.930
	FF and SF	2.000	31.500	8.200			516.600
	Head room	1.000	2.370	8.200			19.434
	Head room	1.000	4.900	8.200			40.180
	Deduction beam	-	6.200	0.230			-18.538
	Deduction beam	13.000	31.500	0.230			-21.735
	Deduction stair case	-2.000	2.140	4.700			-20.116
	Deduction stair case	-2.000	1.900	4.700			-17.860
	Total						735.782
						Total Quantity in sqm	735.782
1.023	22.5						

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying : a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm. This layer will be allowed to air cure for 4 hours. b) Second layer of slurry of cement @ 0.242 kg /sqm mixed with water proofing cement compound @ 0.126 kg/ sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.						
	Toilet GF,FF,SF						
	Toilet-GF	3.000	4.200	2.370			29.862
	Do FF,SF	2*4	1.600	3.000			38.400
	Total						68.262
	Total Quantity in sqm						68.262
1.024	50.9.1.1						
	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 Anjili wood /jack wood						
	Doors						
	Door D1 Horizontals	14*1	1.300	0.120	0.075	1.0000 00	0.164
	do verticals	14*2	2.175	0.120	0.075	1.0000 00	0.548
	D	2.000	1.500	0.120	0.075	1.0000 00	0.027
	D	2.000	2.175	0.120	0.075	1.0000 00	0.039
	Total						0.778
	Total Quantity in cum						0.778
1.025	50.9.3.1						
	Providing and fixing paneled or paneled and glazed shutters for doors, windows and clerestory windows, 30 mm thick shutters including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding paneling which will be paid for separately, all complete as per direction Of Engineer in- charge. using Anjili/ Jack wood						
	shutters for doors and windows						
	Door shutter G F,FF,SF-D	2.000	1.000	2.200		1.0000 00	4.400
	Door shutter G F,FF,SF-D1	14.000	0.925	2.200		1.0000 00	28.490
	Total						32.890
	Total Quantity in sqm						32.890

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
1.026	50.9.4.1						
	Providing and fixing paneling or paneling and glazing in paneled or paneled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured) paneling for paneled or paneled and glazed shutters 25 mm to 40 mm thick using good quality Anjili/ Jack wood						
	Shutters						
	Door shutter G F,FF,SF-D	2.000	1.100	2.200			4.840
	do D1	14.000	0.925	2.200			28.490
	Total						33.330
	Total Quantity in sqm						33.330
1.027	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						
	Grill						
	Windows - W3-GF,FF,SF	17.000	1.500		1.650	18.700 000	786.803
	do W4	19.000	2.000		1.650	18.700 000	1172.490
	ventilators V1	9.000	0.450		0.450	18.700 000	34.081
	V4	3.000	1.800		0.450	18.700 000	45.441
	Grill and Door in verandah	1.000	2.370		2.200	22.500 000	117.315
	Grill and Door in verandah	1.000	2.770		2.200	22.500 000	137.115
	Grill rooms	2*5	3.200		2.200	22.500 000	1584.000
	Total						3877.245
	Total Quantity in kg						3877.245
1.028	9.147D.3						

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	<p>Providing and fixing factory made uPVC white colour sliding glazed window upto 1.50 m in height dimension comprising of uPVC multi-chambered frame with in-built roller track and sash extruded profiles duly reinforced with 1.60 +/- 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), appropriate dimension of uPVC extruded glazing beads and uPVC extruded interlocks, EPDM gasket, wool pile, zinc alloy (white powder coated) touch locks with hook, zinc alloy body with single nylon rollers (weight bearing capacity to be 40 kg), G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes, wire mesh and silicon sealant shall be paid separately)</p> <p>Note: For uPVC frame and sash extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Two track two panels sliding window made of (big series) frame 67 x 50 mm & sash 46 x 62 mm both having wall thickness of 2.3 +/- 0.2 mm and single glazing bead / double glazing bead of appropriate dimension . (Area of window above 1.75 sqm upto 2.50 sqm).</p>						
	uPVC white colour sliding window						
	Window W3 - GF,FF,SF	13.000	1.500		1.650		32.175
	Total						32.175
	Total Quantity in sqm						32.175
1.029	9.147E.1						

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	<p>Providing and fixing factory made uPVC white colour sliding glazed window above 1.50 m in height dimension comprising of uPVC multi-chambered frame with in-built roller track and sash extruded profiles duly reinforced with 1.60 +/- 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), appropriate dimension of uPVC extruded glazing beads, uPVC extruded interlocks and uPVC extruded Inline sash adaptor (if required), EPDM gasket, wool pile, zinc alloy (white powder coated) handle on one side of extreme panel along with zinc plated mild steel multi point locking having transmission gear with keeps, zinc alloy (white powder coated) touch lock with hook (if required for wire mesh panel), stainless steel (SS 304 grade) body with adjustable double nylon rollers (weight bearing capacity to be 120 kg), G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes, wire mesh and silicon sealant shall be paid separately).</p> <p>Note: For uPVC frame and sash extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Two track two panels sliding window made of (big series) frame 67 x 50 mm & sash 46 x 62 mm both having wall thickness of 2.3 +/- 0.2 mm and single glazing bead / double glazing bead of appropriate dimension. (Area of window above 2.50 sqm upto 4.00 sqm.)</p>						
	UPVC White colour sliding window						
	window W4 G.F,FF,SF	19.000	2.000		1.650		62.700
	Total						62.700
	Total Quantity in sqm						62.700
1.030	9.147B.1						

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	543 SUB HEAD : 9 - WOOD & PVC WORK 9.147B Providing and fixing factory made uPVC white colour fixed glazed windows/ ventilators comprising of uPVC multi-chambered frame and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), , uPVC extruded glazing beads of appropriate dimension, EPDM gasket, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately). Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Fixed window / ventilator made of (small series) frame 47 x 50 mm & mullion 47 x 68 mm both having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area upto 0.75 sqm.)						
	Ventilation						
	Ventilator V1 G.F,FF,SF	9.000	0.450		0.450		1.823
	Ventilator V4 G.F,FF,SF	3.000	1.800		0.450		2.430
	Total						4.253
	Total Quantity in sqm						4.253
1.031	9.121						
	Providing and fixing Fiber Glass Reinforced plastic (FRP) Door Frames of cross-section 90 mm x 45 mm having single rebate of 32 mm x 15 mm to receive shutter of 30 mm thickness. The laminated shall be moulded with fire resistant grade unsaturated polyester resin and chopped mat. Door frame laminate shall be 2 mm thick and shall be filled with suitable wooden block in all the three legs. The frame shall be covered with fiber glass from all sides. M.S. stay shall be provided at the bottom to steady the frame.						
	FRP Door						
	GF,FFT toilet doors D3 Vertical	10*2	2.250			1.0000 00	45.000
	do Hori	10.000	0.800			1.0000 00	8.000
	Total						53.000
	Total Quantity in metre						53.000
1.032	9.122.1						

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	Providing and fixing to existing door frames.30 mm thick Glas Fibre Reinforced Plastic (FRP) panelled door shutter of required colour and approved brand and manufacture, made with fire - retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate for forming hollow rails and styles, with wooden frame and suitable blocks of seasoned wood inside at required places for fixing of fittings, cast monolithically with 5 mm thick FRP laminate for panels conforming to IS : 14856, including fixing to frames.						
	Door shutter						
	FRP Shutters- GF,FF,SF	10.000	0.800		2.250	1.0000 00	18.000
	Total						18.000
	Total Quantity in sqm						18.000
1.033	11.40						
	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer) of Ist quality conforming to IS: 15622 of approved make in all colours, shades, except 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 pigments etc., complete.						
	Toilets						
	G F	2.000	4.200	2.650			22.260
	do	1.000	4.200	2.370			9.954
	F F,SF	2*4	1.600	6.200			79.360
	Total						111.574
	Total Quantity in sqm						111.574
1.034	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-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.						
	Toilet						
	GF Toilets	2*2	4.200		1.800	1.0000 00	30.240
	GF Toilets	2*2	2.650		1.800	1.0000 00	19.080
	GF Toilets	2.000	4.200		1.800	1.0000 00	15.120
	GF Toilets	2.000	2.370		1.800	1.0000 00	8.532
	do	3.000	3.000		1.800		16.200
	FF,SF	4*2	1.600		1.800		23.040
	FF,SF	2*4*2	4.000		1.800		115.200

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	Total						227.412
						Total Quantity in sqm	227.412
1.035	11.41.3						
	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 800x 800 mm						
	Vitrified tile						
	Rooms 1,2,3,4,5,6	6.000	3.400	6.200			126.480
	dress	6.000	1.500	1.600			14.400
	VIP,FF,SF	2.000	3.500	6.200			43.400
	VIP,FF,SF	2.000	3.100	6.200			38.440
	Conference hall	1.000	18.900	6.200			117.180
	Pantry	1.000	5.100	6.200			31.620
	stair room Floor	1.000	2.140	6.200			13.268
	stair room Floor	1.000	2.540	6.200			15.748
	stair Tread	3*2*1 2	1.500	0.300			32.400
	do midlanding	3.000	3.600	1.500			16.200
	verandah	3.000	31.500	2.030			191.835
	Total						640.971
						Total Quantity in sqm	640.971
1.036	11.46.3						
	Providing and laying Vitrified tiles in different 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 800 x 800 mm						
	Skirting						
	skirtings- Room 1,2,3,4,5,6	3*2*2	3.200	0.100			3.840
	do	3*2*2	6.200	0.100			7.440
	do Vip	2*2	3.500	0.100			1.400
	do	2*2	6.200	0.100			2.480
	stair room	3*2	6.200	0.100			3.720
	do	3*2	2.370	0.100			1.422
	do	3*2	6.200	0.100			3.720
	do	3*2	2.770	0.100			1.662

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	store and ele	3*2	2.130	0.100			1.278
	store and ele	3*2	6.200	0.100			3.720
	Conference hall	2.000	18.900	0.100			3.780
	do	2.000	6.200	0.100			1.240
	pantry	2.000	5.100	0.100			1.020
	do	2.000	6.200	0.100			1.240
	verandah	3.000	31.500	0.100			9.450
	do Gf	1.000	7.500	0.100			0.750
	column skirtings	3*5	1.200	0.100			1.800
	Stair - riseers	2*13	1.500	0.150			5.850
	do - sides	2.000	4.300	0.180			1.548
	Total						57.360
						Total Quantity in sqm	57.360
1.037	8.2.2.2						
	Providing and fixing 18 mm thick gang saw cut, mirror, polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations, of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Area of slab over 0.50 sqm						
	Granite slab						
	over dressing room - slab top G.F F.F,SF	3*3	1.800	0.620			10.044
	do- VIP do-	3.000	2.850	0.620			5.301
	Total						15.345
						Total Quantity in sqm	15.345
1.038	8.3.2						
	Providing edge moulding to 18 mm thick marble stone counters, vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer -in-Charge. Granite work						
	Granite slab edge moulding						
	Over dressing room - slab top G.F & F.F	3*3	1.800				16.200
	do- VIP do-	1*2	2.850				5.700
	Total						21.900
						Total Quantity in metre	21.900
1.039	10.28						

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.)						
	Hand rails						
	stair - hand rails G.F - F.F,SF	2*3*2	4.300			6.8000 00	350.880
	do- curve	2.000	0.600			6.8000 00	8.160
	do- Sf to HR	2*2.00 0	4.300			6.8000 00	116.960
	curve	2*1.00 0	0.600			6.8000 00	8.160
	GF,FF,SF Verandah - hand rails	2*3	29.000			6.8000 00	1183.200
	Total						1667.360
	Total Quantity in kg						1667.360
1.040	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)						
	Providing 40x5 mm flat iron hold fast						
	Doors	16*2* 4				1.0000 00	128.000
	Total						128.000
	Total Quantity in each						128.000
1.041	9.63.2 Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete:200x10 mm						
	MS Tower bolt						
	Door G.F, F.F, S.F	30*3				1.0000 00	90.000
	Total						90.000
	Total Quantity in no						90.000
1.042	9.76 Providing and fixing bright finished brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.						

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	Latch & lock						
	G.F ,FF SF	18.000				1.0000 00	18.000
	Total						18.000
	Total Quantity in no						18.000
1.043	9.100.1						
	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete:125 mm						
	Aluminium handles						
	G.F & F.F ,SF	30*2					60.000
	Total						60.000
	Total Quantity in no						60.000
1.044	9.89						
	Providing and fixing chromium plated brass night latch of approved quality including necessary screws etc. complete						
	Providing and fixing chromium plated brass night latch						
	Door G.F ,FF SF	6*3					18.000
	Total						18.000
	Total Quantity in no						18.000
1.045	9.84						
	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width form 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete.						
	Door closer						
	suit room	3*6					18.000
	Total						18.000
	Total Quantity in no						18.000
1.046	13.43.1						
	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface:Water thinnable cement primer						
	Inside primer						
	Conference hall	2.000	23.770			3.600	171.144
	Conference hall	2.000	5.970			3.600	42.984
	Pantry	2.000	4.870			3.600	35.064
	Pantry	2.000	5.970			3.600	42.984
	Stair	2.000	2.140			3.600	15.408
	Stair	2.000	5.970			3.600	42.984

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	Stair	2.000	2.540		3.600		18.288
	Stair	2.000	5.970		3.600		42.984
	Ele	2.000	1.900		3.600		13.680
	Ele	2.000	2.500		3.600		18.000
	Lift	2.000	2.870		3.600		20.664
	Lift	2.000	1.900		3.600		13.680
	Toilet	6.000	3.970		3.600		85.752
	Toilet	4.000	2.140		3.600		30.816
	Toilet	4.000	4.870		3.600		70.128
	Verandah	1.000	31.500		3.600		113.400
	Verandah	1.000	31.500		1.730		54.495
	Extra for column projection	1.000	5.000				5.000
	Deduction D	-2.000	1.200		2.250		-5.400
	Deduction D1	-2.000	1.000		2.250		-4.500
	Deduction W3	-7*0.5	1.500		1.650		-8.663
	Deduction W4	-9*0.5	2.000		1.650		-14.850
	Deduction V4	-3*0.5	1.800		0.450		-1.215
	Total						802.827
	ceiling						
	GF	1.000	31.500	8.200			258.300
	Toilet portion	1.000	4.430	7.700			34.111
	Deduction beams	-6.000	6.200	0.230			-8.556
	Deduction beams	-3.000	31.270	0.230			-21.576
	Deduction beams	-2.000	4.200	0.230			-1.932
	Deduction beams	-2.000	7.700	0.230			-3.542
	stair portion	-1.000	2.140	4.700			-10.058
	stair portion	-1.000	1.900	4.700			-8.930
	FF and SF	2.000	31.500	8.200			516.600
	Head room	1.000	2.370	8.200			19.434
	Head room	1.000	4.900	8.200			40.180
	Deduction beam	13.000	6.200	0.230			-18.538
	Deduction beam	-3.000	31.500	0.230			-21.735
	Deduction stair case	-2.000	2.140	4.700			-20.116
	Deduction stair case	-2.000	1.900	4.700			-17.860
	Total						735.782

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	FF and SF inside						
	Long wall Room1,2,3,4,5,6	2*3*2	4.870		3.600		210.384
	Long VIP room	2*2	5.170		3.600		74.448
	stair room	2*2	2.140		3.600		30.816
	stair room	2*2	2.540		3.600		36.576
	store and Lift	2*4	1.800		3.600		51.840
	cross wall	2*24	5.970		3.600		1031.616
	Verandah	2*1	31.270		3.600		225.144
	Verandah	2*1	31.270		1.500		93.810
	Verandah	2*2	2.000		1.500		12.000
	Extra for column proection	1.000	10.000				10.000
	Deduction D1	-2*5	1.000		2.250		-22.500
	Deduction D3	-2*4	0.900		2.250		-16.200
	Deduction W4	2*5*0. 5	2.000		1.650		-16.500
	Deduction W3	2*3*0. 5	1.500		1.650		-7.425
	Opening	-2.000	2.540		2.100		-10.668
	Opening	-2.000	2.540		2.100		-10.668
	Opening	-2*4	2.400		2.100		-40.320
	Total						1652.353
	Head room inside						
		2.000	2.140		3.000		12.840
		2.000	2.540		3.000		15.240
		2.000	1.800		3.000		10.800
	Cross wall	8.000	5.970		3.000		143.280
	Deduction D2	-2.000	0.900		2.250		-4.050
	Total						178.110
	Total Quantity in sqm						3369.072
1.047	13.80						
	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.						
	Ground Floor - Out side						
	front side - over lintel level	1.000	19.150		1.230		23.555

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	do- room portion	1.000	4.060		3.480		14.129
	Right side	1.000	5.560		3.480		19.349
	do- over lintel level	1.000	2.030		1.230		2.497
	Porch cloumns	2.000	3.140	0.230	3.200		4.622
	verandah - cloumns	5.000	3.140	0.230	2.250		8.125
	Ground Floor	1.000	0.000		0.000		0.000
	roof projections with edges	1.000	23.610	0.320			7.555
	do	1.000	7.990	0.320			2.557
	sun shade - front side bottom	1.000	23.210	0.600			13.926
	First Floor	1.000	0.000		0.000		0.000
	roof projections with edges	2.000	23.610	0.320			15.110
	do	2.000	7.990	0.320			5.114
	sun shade - front side bottom	1.000	23.210	0.600			13.926
	do Left side	1.000	3.500	0.600			2.100
	shade top	1.000	0.000	0.000			0.000
	G.F - shade top	1.000	23.610	0.600			14.166
	do Left side	1.000	3.500	0.600			2.100
	F F shade top	1.000	23.610	0.600			14.166
	do-	1.000	3.500	0.600			2.100
	F F - outside	1.000	0.000				0.000
	front side - over lintel level	1.000	19.150		1.230		23.555
	do- room portion	1.000	4.060		3.480		14.129
	Right side	1.000	5.560		3.480		19.349
	do- over lintel level	1.000	2.030		1.230		2.497
	verandah cloumns	5.000	3.140	0.230	2.250		8.125
	Terrace Parapet	1.000	0.000				0.000
	parapets- front	1.000	23.610		1.350		31.874
	do- right side	1.000	7.690		2.550		19.610
	Ground Floor	1.000	0.000				0.000
	VIP room	1.000	3.600	5.100			18.360
	do	1.000	3.600	7.130			25.668

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	verandah	1.000	19.150	1.800			34.470
	add beam extra - side	5*2	1.800	0.280			5.040
	stair top beam - sides	1*2	3.600	0.280			2.016
	porch roof - ceilings	2.000	(4.58+1.8)/2	3.800			24.244
	do	2*1/2	2.800	3.800			10.640
	Ground Floor - inside	1.000		0.000			0.000
	VIP room- living- Long walls	2.000	5.100	3.480			35.496
	short walls	2.000	3.600	3.480			25.056
	VIP room - long walls	2.000	7.130	3.480			49.625
	do- short walls	2*2	3.600	3.480			50.112
	stair room - long walls	2.000	5.330	3.480			37.097
	do- back side short walls	1.000	3.600	3.480			12.528
	verandah walls up to stair	1.000	11.720	3.480			40.786
	do after stair	1.000	3.830	3.480			13.328
	verandah wall over lintel	1.000	19.150	1.230			23.555
	do- right side	1.000	1.800	1.230			2.214
	do Left side	1.000	1.800	3.480			6.264
	bottom of lintel	1.000	19.150	0.230			4.405
	do	1.000	1.800	0.230			0.414
	Add extra for beam and column projection plastering works	1.000				10.000 000	10.000
	First Floor	1.000	0.000				0.000
	VIP room	1.000	3.600	5.100			18.360
	do	1.000	3.600	7.130			25.668
	verandah	1.000	19.150	1.800			34.470
	add beam extra - sides	5*2	1.800	0.280			5.040
	stair top beam - sides	1*2	3.600	0.280			2.016
	First Floor - inside	1.000	0.000				0.000

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	VIP room- living-Long walls	2.000	5.100	3.480			35.496
	short walls	2.000	3.600	3.480			25.056
	VIP room- living-Long walls	2.000	7.130	3.480			49.625
	do- short walls	2*2	3.600	3.480			50.112
	stair room - long walls	2.000	5.330	3.480			37.097
	do- back side short walls	1.000	3.600	3.480			12.528
	verandah walls upto stair	1.000	11.720	3.480			40.786
	do after stair	1.000	3.830	3.480			13.328
	verandah wall over lintel	1.000	19.150	1.230			23.555
	do- right side	1.000	1.800	1.230			2.214
	do Left side	1.000	1.800	3.480			6.264
	bottom of lintel	1.000	19.150	0.230			4.405
	do	1.000	1.800	0.230			0.414
	extra for projection of column and beam	1.000				10.000 000	10.000
	Deductions -	1.000	0.000				0.000
	Door D1	-(3*2)	1.000		2.250		-13.500
	do Door- D2	-(2*1/2)	1.000		2.250		-2.250
	window W2	-1*2	1.250		1.650		-4.125
	do	-(2*2*1/2)	1.250		1.650		-4.125
	W	-1*2	1.850		1.650		-6.105
	do	2*2*1/2	1.850		1.650		-6.105
	Total						1075.778
						Total Quantity in sqm	1075.778
1.048	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)						
	Exterior						

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	Back	1.000	31.500		4.050		127.575
	Sides	2.000	12.630		4.050		102.303
	front	1.000	31.500		1.500		47.250
	front	1.000	31.500		1.500		47.250
	Shade top	2.000	13.800	0.600			16.560
	Shade top	2.000	31.270	0.600			37.524
	Deduction Outside W3	-7*0.5	1.500		1.650		-8.663
	Deduction Outside W3	-9*0.5	2.000		1.650		-14.850
	Deduction Outside V4	-3*0.5	1.800		0.450		-1.215
	Total						353.734
	Exterior FF,SF						
	Back	2.000	31.500		3.600		226.800
	Sides	2*2	8.200		3.600		118.080
	Front	2.000	31.500		1.500		94.500
	Shade top sides	2*2	9.400		0.600		22.560
	Shade top front and back	2*2	31.500		0.600		75.600
	deduction W4	2*5*0.5	2.000		1.650		-16.500
	deduction W3	2*3*0.5	1.500		1.650		-7.425
	Opening	-2*2	2.000		2.100		-16.800
	Total						496.815
	Head Room Exterior						
		2.000	5.130		3.000		30.780
		2.000	5.970		3.000		35.820
	deduction	-2*0.5	0.900		2.250		-2.025
	parapet	2.000	24.000		2.550		122.400
	Total						186.975
	Total Quantity in sqm						
							1037.524
1.049	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						
	Inside painting						
	Conference hall	2.000	23.770		3.600		171.144

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	Conference hall	2.000	5.970		3.600		42.984
	Pantry	2.000	4.870		3.600		35.064
	Pantry	2.000	5.970		3.600		42.984
	Stair	2.000	2.140		3.600		15.408
	Stair	2.000	5.970		3.600		42.984
	Stair	2.000	2.540		3.600		18.288
	Stair	2.000	5.970		3.600		42.984
	Ele	2.000	1.900		3.600		13.680
	Ele	2.000	2.500		3.600		18.000
	Lift	2.000	2.870		3.600		20.664
	Lift	2.000	1.900		3.600		13.680
	Toilet	6.000	3.970		3.600		85.752
	Toilet	4.000	2.140		3.600		30.816
	Toilet	4.000	4.870		3.600		70.128
	Verandah	1.000	31.500		3.600		113.400
	Verandah	1.000	31.500		1.730		54.495
	Extra for column projection	1.000	5.000				5.000
	Deduction D	-2.000	1.200		2.250		-5.400
	Deduction D1	-2.000	1.000		2.250		-4.500
	Deduction W3	-7*0.5	1.500		1.650		-8.663
	Deduction W4	-9*0.5	2.000		1.650		-14.850
	Deduction V4	-3*0.5	1.800		0.450		-1.215
	GF	1.000	31.500	8.200			258.300
	Toilet portion	1.000	4.430	7.700			34.111
	Deduction beams	-6.000	6.200	0.230			-8.556
	Deduction beams	-3.000	31.270	0.230			-21.576
	Deduction beams	-2.000	4.200	0.230			-1.932
	Deduction beams	-2.000	7.700	0.230			-3.542
	stair portion	-1.000	2.140	4.700			-10.058
	stair portion	-1.000	1.900	4.700			-8.930
	FF and SF	2.000	31.500	8.200			516.600
	Head room	1.000	2.370	8.200			19.434
	Head room	1.000	4.900	8.200			40.180
	Deduction beam	-13.000	6.200	0.230			-18.538
	Deduction beam	-3.000	31.500	0.230			-21.735

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	Deduction stair case	-2.000	2.140	4.700			-20.116
	Deduction stair case	-2.000	1.900	4.700			-17.860
	Long wall Room1,2,3,4,5,6	2*3*2	4.870		3.600		210.384
	Long VIP room	2*2	5.170		3.600		74.448
	stair room	2*2	2.140		3.600		30.816
	stair room	2*2	2.540		3.600		36.576
	store and Lift	2*4	1.800		3.600		51.840
	cross wall	2*24	5.970		3.600		1031.616
	Verandah	2*1	31.270		3.600		225.144
	Verandah	2*1	31.270		1.500		93.810
	Verandah	2*2	2.000		1.500		12.000
	Extra for column proection	1.000	10.000				10.000
	Deduction D1	-2*5	1.000		2.250		-22.500
	Deduction D3	-2*4	0.900		2.250		-16.200
	Deduction W4	2*5*0.5	2.000		1.650		-16.500
	Deduction W3	2*3*0.5	1.500		1.650		-7.425
	Opening	-2.000	2.540		2.100		-10.668
	Opening	-2.000	2.540		2.100		-10.668
	Opening	-2*4	2.400		2.100		-40.320
		2.000	2.140		3.000		12.840
		2.000	2.540		3.000		15.240
		2.000	1.800		3.000		10.800
	Cross wall	8.000	5.970		3.000		143.280
	Deduction D2	-2.000	0.900		2.250		-4.050
	Total						3369.072
						Total Quantity in sqm	3369.072
1.050	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						
	Synthetic enamel painting						
	door D1	14.000	1.000		2.250	2.2500 00	70.875

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	door D	2.000	1.200		2.250	2.2500 00	12.150
	window W3- grills	13.000	1.500		1.650	0.5000 00	16.088
	W4- grills	19.000	2.000		1.650	0.5000 00	31.350
	Ventilator V1- grills	5.000	0.450		0.450	0.5000 00	0.506
	Ventilator V4- grills	3.000	1.800		0.450	0.5000 00	1.215
	grills in verandah	1.000	2.370		2.100	0.5000 00	2.489
	grills in verandah	1.000	2.770		2.100	0.5000 00	2.909
	Total						137.582
						Total Quantity in sqm	137.582
1.051	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.						
	Interlock Paver block						
	front and back yard	2.000	30.000	2.500			150.000
	sides	2.000	12.000	2.500			60.000
	Total						210.000
						Total Quantity in sqm	210.000
1.052	OD16407/2024-2025 Providing and laying Endura porch floor tiles in different sizes (thickness to be specified by the manufacturer) with 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.						
	Porch tile						
	Porch flooring	1.000	4.060	5.560		1.0000 00	22.574
	do - front and back sides	2.000	4.060	0.900		1.0000 00	7.308
	Ramp	1.000	6.000	1.500			9.000
	Ramp landing	1.000	1.500	1.500			2.250
	Total						41.132
						Total Quantity in sqm	41.132

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
2	WATER SUPPLY AND SANITARY ARRANGEMENTS						
2.001	50.18.8.9.1 Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 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 chased and making good the wall etc. 110 mm pipe 6kgf/cm2						
	PVC Pipe						
	110 mm pipe- G.F Toilet	2.000	3.000			1.0000 00	6.000
	do	1.000	2.500			1.0000 00	2.500
	F.F toilets	2.000	3.000			1.0000 00	6.000
	do	1.000	2.500			1.0000 00	2.500
	Total						17.000
	Total Quantity in metre						17.000
2.002	50.18.9.19.1 Providing and fixing PVC pipes including fixing the pipe with clamps/ clips/ at 1.00 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 110 mm dia 6 Kgf/cm2 - External work- Exposed on wall						
	PVC Pipes						
	G.F toilet lines	3.000	0.600				1.800
	do- F.F	3.000	4.200				12.600
	rain water down pipes	4.000	7.650				30.600
	Total						45.000
	Total Quantity in metre						45.000
2.003	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						
	Pipes						
	110 mm pipe to septic tank	1.000	60.000			1.0000 00	60.000
	Total						60.000
	Total Quantity in metre						60.000
2.004	50.18.9.10.1 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. 150 mm dia 6 Kgf/cm2						

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	from M.H to septic tank						
	from M.H to septic tank	1.000	15.000				15.000
	Total						15.000
	Total Quantity in metre						15.000
2.005	50.18.8.8.1						
	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 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. 75 mm pipe 6 Kgf/cm ²						
	PVC Pipes						
	75 mm consealed lines	1.000	20.000				20.000
	Total						20.000
	Total Quantity in metre						20.000
2.006	50.18.9.8.1						
	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. 75 mm dia 6 Kgf/ cm ²						
	PVC Pipes						
	75 mm pipe to waste pit	1.000	30.000				30.000
	Total						30.000
	Total Quantity in metre						30.000
2.007	50.18.9.18.1						
	Providing and fixing PVC pipes including fixing the pipe with clamps/clips at 1.00 m spacing. This included jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 75 mm dia 6Kgf/cm ² - External work- Exposed on wall						
	PVC Pipes						
	75 mm pipes	1.000	60.000				60.000
	Total						60.000
	Total Quantity in metre						60.000
2.008	50.18.9.6.2						
	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. 50 mm dia 6 Kgf/cm ²						
	PVC Pipes						
	50 mm water lines	1.000	30.000				30.000
	Total						30.000

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
Total Quantity in metre							30.000
2.009	50.18.9.16.2	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 50 mm dia 6Kgf/cm2 - External work - Exposed on wall					
	PVC Pipes						
	50 mm pipe	1.000	30.000				30.000
Total							30.000
Total Quantity in metre							30.000
2.010	50.18.9.15.2	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 40 mm dia 6 Kgf/cm2 - External work - Exposed on wall					
	PVC Pipes						
	40 mm pipe	1.000	25.000				25.000
Total							25.000
Total Quantity in metre							25.000
2.011	50.18.9.5.2	Providing and fixing PVC pipes includings jointing of pipes with one step PVC solvent cement, trenching, refilling & testing of joints compete as per direction of Engineer in Charge. 40 mm dia 6 Kgf/cm2					
	PVC Pipe						
	40mm pipe	1.000	30.000				30.000
Total							30.000
Total Quantity in metre							30.000
2.012	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					
	PVC Pipes						
	20 mm pipe	1.000	10.000				10.000
Total							10.000
Total Quantity in metre							10.000
2.013	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 10Kgf/ cm2- Internal work- Exposed on wall					

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	PVC Pipes						
	25 mm pipe	1.000	30.000				30.000
	Total						30.000
	Total Quantity in metre						30.000
2.014	50.18.7.4.2						
	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 32 mm dia 6 Kgf/cm ² - internal work- Exposed on wall						
	PVC Pipes						
	32 mm pipe	1.000	15.000				15.000
	Total						15.000
	Total Quantity in metre						15.000
2.015	50.18.8.2.2						
	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. Concealed work, including cutting chases and making good the wall etc. 20 mm pipe 10 Kgf/ cm ²						
	PVC Pipes						
	20 mm pipe	1.000	10.000				10.000
	Total						10.000
	Total Quantity in metre						10.000
2.016	50.18.8.3.2						
	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. Concealed work, including cutting chases and making good the wall etc. 25 mm pipe 10kgf /cm ²						
	PVC p						
	25 mm pipe	1.000	45.000				45.000
	Total						45.000
	Total Quantity in metre						45.000
2.017	50.18.8.4.1						
	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. Concealed work, including cutting chases and making good the wall etc. 32 mm pipe 10Kgf/cm ²						
	PVC Pipe						
	32 mm pipe	1.000	20.000				20.000

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	Total						20.000
							Total Quantity in metre 20.000
2.018	50.18.9.4.2						
	Providing and fixing PVC pipes includings joints of pipes with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 32 mm dia 6 Kgf/cm2						
	PVC Pipes						
	32 mm pipe	1.000	90.000				90.000
	Total						90.000
							Total Quantity in metre 90.000
2.019	50.18.9.13.2						
	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 10 Kgf/cm2- External work - Exposed on wall						
	PVC Pipes						
	25 mm pipe	1.000	60.000				60.000
	Total						60.000
							Total Quantity in metre 60.000
2.020	50.18.9.14.2						
	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 32 mm dia 6 Kgf/cm2 - External work - Exposed on wall						
	PVC Pipes						
	32 mm pipe	1.000	72.000				72.000
	Total						72.000
							Total Quantity in metre 72.000
2.021	18.8.2						
	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes& fittings, with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chases and making good the wall etc.20 mm nominal outer dia pipes						
	PVC Pipes						
	Hot water lines	1.000	15.000				15.000
	Total						15.000
							Total Quantity in metre 15.000
2.022	18.8.3						

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings, with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chases and making good the wall etc. 25 mm nominal outer dia pipes						
	PVC Pipes						
	Hot water lines	1.000	20.000				20.000
	Total						20.000
	Total Quantity in metre						20.000
2.023	50.18.9.21						
	Providing and fixing PVC moulded fittings/accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 75 mm dia Elbow						
	PVC Pipe						
	75 mm elbow	7.000				1.0000 00	7.000
	Total						7.000
	Total Quantity in no						7.000
2.024	50.18.9.21.3						
	Providing and fixing PVC moulded fittings / accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 75 mm dia Door Elbow						
	PVC Pipes						
		4.000					4.000
	Total						4.000
	Total Quantity in no						4.000
2.025	50.18.9.21.4						
	Providing and fixing PVC moulded fittings/ accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 75 mm dia Bend						
	PVC						
	75 mm bend	12.000				1.0000 00	12.000
	Total						12.000
	Total Quantity in no						12.000
2.026	50.18.9.21.7						
	Providing and fixing PVC moulded fittings/ accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 75 mm dia Vent cowl						
	PVC						
		4.000				1.0000 00	4.000
	Total						4.000

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	Total Quantity in no						4.000
2.027	50.18.9.21.5						
	Providing and fixing PVC moulded fittings/ accessories for Rigid PVC pipes, including jointing with PVC solvent cement -75x75x75 mm dia Tee						
	PVC Pipes						
		2.000					2.000
	Total						2.000
	Total Quantity in no						2.000
2.028	50.18.9.21.6						
	Providing and fixing PVC moulded fittings/accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 75x75x75 mm dia Door Tee						
	PVC						
		2.000					2.000
	Total						2.000
	Total Quantity in no						2.000
2.029	50.18.9.22.2						
	Providing and fixing PVC moulded fittings / accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 110 mm dia 45 degree Elbow						
	PVC						
		4.000					4.000
	Total						4.000
	Total Quantity in no						4.000
2.030	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						
	PVC						
		15.000				1.0000 00	15.000
	Total						15.000
	Total Quantity in no						15.000
2.031	50.18.9.22.3						
	Providing and fixing PVC moulded fittings/ accessories for Rigid PVC pipes, including jointing with PVC solvent cement-110 mm dia Door Elbow						
	PVC						
		4.000					4.000
	Total						4.000
	Total Quantity in no						4.000
2.032	50.18.9.22.4						

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	Providing and fixing PVC moulded fittings/ accessories for Rigid PVC pipes, including jointing with PVC solvent cement- 110 mm dia Bend						
	PVC	20.000					20.000
	Total						20.000
						Total Quantity in no	20.000
2.033	50.18.9.22.5						
	Providing and fixing PVC moulded fittings/ accessories for Rigid PVC pipes including jointing with PVC solvent cement 110x110x110 mm dia Tee						
	PVC	5.000					5.000
	Total						5.000
						Total Quantity in no	5.000
2.034	50.18.9.22.6						
	Providing and fixing PVC moulded fittings/accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 110x110x110 mm dia Door tee						
	PVC	4.000					4.000
	Total						4.000
						Total Quantity in no	4.000
2.035	50.18.9.22.12						
	Providing and fixing PVC moulded fittings/ accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 110x75 mm dia Reducer						
	PVC	4.000					4.000
	Total						4.000
						Total Quantity in no	4.000
2.036	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						
	Earth work						
	Septic tank	1.000	6.700	3.100	2.300	1.0000 00	47.771
	Soak Pit	1.000	3.000	3.000	2.500	1.0000 00	22.500
	waste pit	2.000	2.500	2.500	2.000	1.0000 00	25.000

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	Total						95.271
						Total Quantity in cum	95.271
2.037	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)						
	PCC						
	Septic Tank	1.000	6.700	3.100	0.100	1.0000 00	2.077
	soak pit wall under	2.000	3.000	0.700	0.100	1.0000 00	0.420
	do	2.000	1.600	0.700	0.100	1.0000 00	0.224
	waste pit - under walls	2*2	2.500	0.500	0.100	1.0000 00	0.500
	do	2*2	1.500	0.500	0.100	1.0000 00	0.300
	Total						3.521
						Total Quantity in cum	3.521
2.038	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)						
	Septic Tank and Pits						
	base slab	1.000	6.600	3.000	0.200	1.0000 00	3.960
	side wall	2.000	6.400	0.200	2.100	1.0000 00	5.376
	do	2.000	2.400	0.200	2.100	1.0000 00	2.016
	baffle wall	2.000	2.400	0.100	1.500	1.0000 00	0.720
	hounges	2.000	6.000	0.300	0.30/2	1.0000 00	0.540
	do	2.000	2.400	0.300	0.30/2	1.0000 00	0.216
	cover slab	1.000	6.400	2.800	0.30/2	1.0000 00	2.688
	Soak pit- cover slab	1.000	3.000	3.000	0.150	1.0000 00	1.350
	waste pit- cover slab	1.000	2.500	2.500	0.150	1.0000 00	0.938

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	Total						17.804
						Total Quantity in cum	17.804
2.039	5.9.2						
	Centering and shuttering including strutting, etc. and removal of form for: Walls (any thickness) including attached pilasters, buttersses, plinth and string courses etc.						
	septic tank						
	side wall	2*2	6.400		2.100	1.0000 00	53.760
	do	2*2	2.400		2.100	1.0000 00	20.160
	baffle wall	2*2	2.400		1.500	1.0000 00	14.400
	base slab	2.000	6.600		0.200	1.0000 00	2.640
	do	2.000	3.000		0.200	1.0000 00	1.200
	Total						92.160
						Total Quantity in sqm	92.160
2.040	5.9.3						
	Centering and shuttering including strutting, etc. and removal of form for:Suspended floors, roofs, landings, balconies and access platform						
	Centering and shuttering						
	cover slab of septic tank	1.000	6.400	2.800			17.920
	do- soak pit	1.000	3.000	3.000			9.000
	waste pit - cover slabs	1.000	2.500	2.500			6.250
	Total						33.170
						Total Quantity in sqm	33.170
2.041	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 of grade Fe-500D or more						
	steel reinforcement						
		1.000	17.805			100.00 0000	1780.500
	Total						1780.500
						Total Quantity in kilogram	1780.500
2.042	13.7.2						
	12 mm cement plaster finished with a floating coat of neat cement of mix:1:4 (1 cement : 4 fine sand)						

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	septic tank						
	base slab	1.000	6.000		2.400	1.0000 00	14.400
	side wall	2*2	6.000		2.100	1.0000 00	50.400
	do	2*2	2.400		2.000	1.0000 00	19.200
	baffle wall	2*2	2.400		1.500	1.0000 00	14.400
	cover slab bottom	1.000	6.000		2.400	1.0000 00	14.400
	outside	2.000	6.400		2.100	1.0000 00	26.880
	do	2.000	2.800		2.100	1.0000 00	11.760
	Total						151.440
						Total Quantity in sqm	151.440
2.043	OD31918/2023-2024 Dry Rubble masonry with Hard Stone in foundation and Plinth without concrete levelling course masonry with good quality blasted rubble including cost and conveyance of all materials labour charge etc. complete as per direction of Engineer in charge						
	soak pit and waste pits						
		2.000	3.000	0.600	2.400	1.0000 00	8.640
		2.000	1.800	0.600	2.400	1.0000 00	5.184
	waste pits	2.000	2.500	0.500	1.500	1.0000 00	3.750
	do	2.000	1.500	0.500	1.500	1.0000 00	2.250
	Total						19.824
						Total Quantity in cum	19.824
2.044	19.7.1.1						

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size,) inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design: Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weigh of cover 23 kg and weight of frame 15 kg):With common burnt clay F.P.S. (non modular) bricks of class designation 7.5						
	man hole						
	man hole	6.000					6.000
	Total						6.000
	Total Quantity in each						6.000
2.045	19.8.1.1						
	Extra for depth for manholes Size 90x80 cm With common burnt clay F.P.S. (non modular) bricks of class designation 7.5						
	extra depth						
	extra depth	1.000	1.000			1.0000 00	1.000
	Total						1.000
	Total Quantity in metre						1.000
2.046	18.77						
	Cutting holes up to 15x15 cm in R.C.C. floors and roofs for passing drain pipe etc. and repairing the hole after insertion of drain pipe etc. with cement concrete 1:2:4 (1 cement : 2 coarse sand: 4 graded stone aggregate 20 mm nominal size), including finishing complete so as to make it leak proof.						
	core cutting						
	core cutting	12.000					12.000
	Total						12.000
	Total Quantity in no						12.000
2.047	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						
	EWC G.F room 1 and 2						
	EWC G.F room 1 and 2	2.000				1.0000 00	2.000

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	F.F 3 and 4	2.000				1.0000 00	2.000
	Total						4.000
	Total Quantity in each						4.000
2.048	18.7.3						
	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer -in-Charge. Internal work - Exposed on wall 25 mm nominal outer dia pipes						
	CPVC						
		1.000	2.000				2.000
	Total						2.000
	Total Quantity in metre						2.000
2.049	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						
	WASH BASIN						
	G.F and F.F	3*2				1.0000 00	6.000
	Total						6.000
	Total Quantity in each						6.000
2.050	18.17.1						
	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :25 mm nominal bore						
	CI Gatevalve						
		1.000	4.000				4.000
	Total						4.000
	Total Quantity in each						4.000
2.051	18.17.2						
	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :32 mm nominal bore						
	Gun metal gate valve						
		4.000					4.000
	Total						4.000
	Total Quantity in each						4.000
2.052	18.17.4						

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :50 mm nominal bore						
	Gun metal gate valve						
		5.000					5.000
	Total						5.000
	Total Quantity in each						5.000
2.053	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						
	CP Brass long body Bib cock						
		8.000					8.000
	Total						8.000
	Total Quantity in each						8.000
2.054	18.52.1						
	Providing and fixing C.P brass stop cock (concealed) of standard design and of approved make conforming to IS: 893115 mm nominal bore						
	CP Brass stop ccock						
		6.000					6.000
	Total						6.000
	Total Quantity in each						6.000
2.055	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.						
	C P Brass stop cock						
		6.000				1.0000 00	6.000
	Total						6.000
	Total Quantity in no						6.000
2.056	50.17.1.3						
	Supplying and fixing CP Towel rod 60cm or nearest available length including cost of materials and labour charges etc complete as per the direction of site Engineer-in-charge.						
	Towel road						
		3*2					6.000
	Total						6.000
	Total Quantity in no						6.000
2.057	50.17.1.5						

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	Supplying and fixing CP Health Faucet superior quality (Jagur or equivalent make) including cost of materials and labour charges etc complete as per the direction of site Engineer-in-charge.						
	CP Health faucet						
		3*2					6.000
	Total						6.000
	Total Quantity in no						6.000
2.058	17.32.4						
	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 :Rectangular shape 1500x450 mm						
	Fixing mirror						
		3*2					6.000
	Total						6.000
	Total Quantity in each						6.000
2.059	17.34.1						
	Providing and fixing toilet paper holder:C.P. brass						
	Toiulet Paper Holder						
		3*2					6.000
	Total						6.000
	Total Quantity in no						6.000
2.060	18.48						
	Providing and placing on terrace (at all floor levels) polyethylene water storage tank :ISI 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.						
	water storage tanks						
	water storage tanks	4.000	1000.000			1.0000 00	4000.000
	Total						4000.000
	Total Quantity in Litre						4000.000
3	3.Appendix - C - Construction of compound wall						
3.001	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						
	Earth Work						
	Boundary wall	1.000	25.000	0.450	0.450		5.063

SI No	Specification	No	Length	Width	Depth	Cf	Quantity	
	Boundary wall	1.000	32.000	0.450	0.450		6.480	
	Pillar	2.000	1.200	1.200	1.200		3.456	
	Total						14.999	
	Total Quantity in cum							14.999
3.002	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)							
	PCC							
	Boundary wall	1.000	25.000	0.450	0.100		1.125	
	Boundary wall	1.000	32.000	0.450	0.100		1.440	
	Pillar	2.000	1.200	1.200	0.100		0.288	
	Total						2.853	
	Total Quantity in cum							2.853
3.003	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)							
	Boundary wall							
	Boundary wall	1.000	25.000	0.450	0.450		5.063	
	Boundary wall	1.000	32.000	0.450	0.450		6.480	
	Total						11.543	
	Total Quantity in cum							11.543
3.004	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)							
	RCC							
	Pillar footing	2.000	1.000	1.000	0.250		0.500	
	Pillar	2.000	0.250	0.250	3.000		0.375	
	Total						0.875	
	Total Quantity in cum							0.875
3.005	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 of grade Fe-500D or more							
	TMT bar							

SI No	Specification	No	Length	Width	Depth	Cf	Quantity	
		1.000	0.875			100.00 0000	87.500	
	Total						87.500	
	Total Quantity in kilogram							87.500
3.006	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							
	For gate and padipura							
	LS gate	1.000	250.000				250.000	
	LS padipura	1.000	200.000				200.000	
	Total						450.000	
	Total Quantity in kg							450.000
3.007	50.6.2.2							
	Solid masonry using pre cast solid blocks (factory made) of size 30x20x15cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level with thickness 15cm in : CM 1:6 (1 cement : 6 coarse sand) etc complete							
	Solid Block							
	Boundary wall	1.000	25.000	0.150	1.500		5.625	
	Boundary wall	1.000	32.000	0.150	1.500		7.200	
	Gate Pillar	2*2*2	0.600	0.200	2.800		2.688	
	Compound wall Pillar	7.000	0.150	0.200	1.500		0.315	
	do	8.000	0.150	0.200	1.500		0.360	
	do	7.000	0.150	0.200	1.500		0.315	
	Total						16.503	
	Total Quantity in cum							16.503
3.008	13.1.1							
	12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)							
	plastering							
	Boundary wall	2.000	25.000		1.500		75.000	
	Boundary wall	2.000	32.000		1.500		96.000	
	Gate Pillar	2.000	2.400		2.800		13.440	
	Compound wall Pillar	7.000	0.500		1.500		5.250	
	do	8.000	0.500		1.500		6.000	
	do	7.000	0.500		1.500		5.250	
	Total						200.940	

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	Total Quantity in sqm						200.940
3.009	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)						
	Painting						
	Boundary wall	2.000	25.000		1.500		75.000
	Boundary wall	2.000	32.000		1.500		96.000
	Gate Pillar	2.000	2.400		2.800		13.440
	Gate Pillar	2.000	2.400		2.800		13.440
	Compound wall Pillar	7.000	0.500		1.500		5.250
	do	8.000	0.500		1.500		6.000
	do	8.000	0.500		1.500		6.000
	do	7.000	0.500		1.500		5.250
	Total						220.380
	Total Quantity in sqm						220.380
3.010	13.52.1						
	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete.On steel work						
	Epoxy						
	Gate	2.000	4.000		1.800		14.400
	padipura LS	1.000	10.000				10.000
	Total						24.400
	Total Quantity in sqm						24.400
3.011	OD96519/2023-2024						
	Providing, fabricating and supplying and fixing panels of aluminum composite panel cladding in pan shape in metallic colour of approved shades made out of 4mm thick aluminum composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick) etc. as directed by the Engineer- in- Charge. Base frame work for ACP cladding is payable under the separate steel item.						
	ACP						
	Gate Pillar	2.000	1.200		2.000		4.800
	Top	1.000	1.800		4.000		7.200
	Total						12.000
	Total Quantity in sqm						12.000
3.012	OD96522/2023-2024						

SI No	Specification	No	Length	Width	Depth	Cf	Quantity
	Supplying fabricating and fixing stainless steel embossed letter English and Malayalam font of size 20 cm height to the name board with nuts and bolts, drilling and fixing to the panel with synthetic resin adhesive to correct lines and levels as per the direction of the departmental officers.						
	Letters						
		22.000					22.000
	Total						22.000
	Total Quantity in each						22.000



ABSTRACT ESTIMATE

GENERAL-CONSTRUCTION OF NEW BUILDING FOR REST HOUSE

KANJIRAPPALLY.-Work-General Civil Work

SI No	Specification	Quantity	Rate	Amount
1	1 APPENDIX - A - BUILDING PROPER			
1.001	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			
	Net Total	210.000cum	@215.37/cum	45227.70
1.002	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	294.707cum	@298.84/cum	88070.24
1.003	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	44.384cum	@6857.60/cum	304367.72
1.004	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)			
	Net Total	24.162cum	@7249.92/cum	175172.57
1.005	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	110.705cum	@260.18/cum	28803.23
1.006	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 of grade Fe-500D or more			
	Net Total	10781.440kilogram	@98.92/kilogram	1066500.04
1.007	OD66676/2023-2024 Providing and laying in position machine batched and machine mixed design mix M-25grade 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			

SI No	Specification	Quantity	Rate	Amount
	Net Total	98.688cum	@9472.55/cum	934827.01
1.008	OD66819/2023-2024			
	Providing and laying in position machine batched and machine mixed design mix M-25 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 @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately. All work above plinth level			
	Net Total	279.403cum	@11135.02/cum	3111157.99
1.009	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	33892.730kg	@98.92/kg	3352668.85
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	151.680sqm	@337.42/sqm	51179.87
1.011	5.9.3			
	Centering and shuttering including strutting, etc. and removal of form for: Suspended floors, roofs, landings, balconies and access platform			
	Net Total	935.929sqm	@820.86/sqm	768266.68
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	1111.501sqm	@653.88/sqm	726788.27
1.013	5.9.6			
	Centering and shuttering including strutting, etc. and removal of form for: Columns, Pillars, Piers, Abutments, Posts and Struts			
	Net Total	583.600sqm	@869.03/sqm	507165.91
1.014	5.9.19			
	Centering and shuttering including strutting, etc. and removal of form for: Weather shade, Chajjas, corbels etc., including edges			
	Net Total	144.252sqm	@908.21/sqm	131011.11
1.015	5.9.7			
	Centering and shuttering including strutting, etc. and removal of form for: Stairs, (excluding landings) except spiral - staircases)			
	Net Total	93.468sqm	@737.13/sqm	68898.07

SI No	Specification	Quantity	Rate	Amount
1.016	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	255.200metre	@205.21/metre	52369.59
1.017	5.9.2			
	Centering and shuttering including strutting, etc. and removal of form for: Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.			
	Net Total	29.490sqm	@721.70/sqm	21282.93
1.018	50.6.2.2			
	Solid masonry using pre cast solid blocks (factory made) of size 30x20x15cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level with thickness 15cm in : CM 1:6 (1 cement : 6 coarse sand) etc complete			
	Net Total	160.680cum	@7008.92/cum	1126193.27
1.019	50.6.2.3			
	Solid block masonry using pre cast solid blocks (Factory made) of size 30x20x15cm or nearest available size confirming to IS 2185 part I of 1979 for super structure above floor two level upto floor five level with thickness 15cm in : CM 1:6 (1 cement : 6 coarse sand) etc complete			
	Net Total	121.635cum	@8008.17/cum	974073.76
1.020	13.1.1			
	12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)			
	Net Total	3670.814sqm	@316.08/sqm	1160270.89
1.021	13.9.1			
	Cement plaster 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement. 12 mm cement plaster			
	Net Total	291.669sqm	@414.72/sqm	120960.97
1.022	13.16.1			
	6 mm cement plaster of mix:1:3 (1 cement : 3 fine sand)			
	Net Total	735.782sqm	@269.26/sqm	198116.66
1.023	22.5			
	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying : a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm. This layer will be allowed to air cure for 4 hours. b) Second layer of slurry of cement @ 0.242 kg /sqm mixed with water proofing cement compound @ 0.126 kg/ sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.			
	Net Total	68.262sqm	@551.46/sqm	37643.76
1.024	50.9.1.1			

SI No	Specification	Quantity	Rate	Amount
	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 Anjili wood /jack wood			
	Net Total	0.778cum	@110013.16/cu m	85590.24
1.025	50.9.3.1			
	Providing and fixing paneled or paneled and glazed shutters for doors, windows and clerestory windows, 30 mm thick shutters including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding paneling which will be paid for separately, all complete as per direction Of Engineer in- charge. using Anjili/ Jack wood			
	Net Total	32.890sqm	@3037.22/sqm	99894.17
1.026	50.9.4.1			
	Providing and fixing paneling or paneling and glazing in paneled or paneled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured) paneling for paneled or paneled and glazed shutters 25 mm to 40 mm thick using good quality Anjili/ Jack wood			
	Net Total	33.330sqm	@2750.98/sqm	91690.16
1.027	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	3877.245kg	@217.34/kg	842680.43
1.028	9.147D.3			
	Providing and fixing factory made uPVC white colour sliding glazed window upto 1.50 m in height dimension comprising of uPVC multi-chambered frame with in-built roller track and sash extruded profiles duly reinforced with 1.60 +/- 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), appropriate dimension of uPVC extruded glazing beads and uPVC extruded interlocks, EPDM gasket, wool pile, zinc alloy (white powder coated) touch locks with hook, zinc alloy body with single nylon rollers (weight bearing capacity to be 40 kg), G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes, wire mesh and silicon sealant shall be paid separately) Note: For uPVC frame and sash extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Two track two panels sliding window made of (big series) frame 67 x 50 mm & sash 46 x 62 mm both having wall thickness of 2.3 +/- 0.2 mm and single glazing bead / double glazing bead of appropriate dimension . (Area of window above 1.75 sqm upto 2.50 sqm).			
	Net Total	32.175sqm	@8187.27/sqm	263425.41

SI No	Specification	Quantity	Rate	Amount
1.029	<p>9.147E.1</p> <p>Providing and fixing factory made uPVC white colour sliding glazed window above 1.50 m in height dimension comprising of uPVC multi-chambered frame with in-built roller track and sash extruded profiles duly reinforced with 1.60 +/- 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), appropriate dimension of uPVC extruded glazing beads, uPVC extruded interlocks and uPVC extruded Inline sash adaptor (if required), EPDM gasket, wool pile, zinc alloy (white powder coated) handle on one side of extreme panel along with zinc plated mild steel multi point locking having transmission gear with keeps, zinc alloy (white powder coated) touch lock with hook (if required for wire mesh panel), stainless steel (SS 304 grade) body with adjustable double nylon rollers (weight bearing capacity to be 120 kg), G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes, wire mesh and silicon sealant shall be paid separately).</p> <p>Note: For uPVC frame and sash extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Two track two panels sliding window made of (big series) frame 67 x 50 mm & sash 46 x 62 mm both having wall thickness of 2.3 +/- 0.2 mm and single glazing bead / double glazing bead of appropriate dimension. (Area of window above 2.50 sqm upto 4.00 sqm.)</p>			
	Net Total	62.700sqm	@8127.35/sqm	509584.85
1.030	<p>9.147B.1</p> <p>543 SUB HEAD : 9 - WOOD & PVC WORK 9.147B</p> <p>Providing and fixing factory made uPVC white colour fixed glazed windows/ ventilators comprising of uPVC multi-chambered frame and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), , uPVC extruded glazing beads of appropriate dimension, EPDM gasket, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately).</p> <p>Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Fixed window / ventilator made of (small series) frame 47 x 50 mm & mullion 47 x 68 mm both having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area upto 0.75 sqm.)</p>			

SI No	Specification	Quantity	Rate	Amount
	Net Total	4.253sqm	@7673.92/sqm	32637.18
1.031	9.121			
	Providing and fixing Fiber Glass Reinforced plastic (FRP) Door Frames of cross-section 90 mm x 45 mm having single rebate of 32 mm x 15 mm to receive shutter of 30 mm thickness. The laminated shall be moulded with fire resistant grade unsaturated polyester resin and chopped mat. Door frame laminate shall be 2 mm thick and shall be filled with suitable wooden block in all the three legs. The frame shall be covered with fiber glass from all sides. M.S. stay shall be provided at the bottom to steady the frame.			
	Net Total	53.000metre	@805.26/metre	42678.78
1.032	9.122.1			
	Providing and fixing to existing door frames.30 mm thick Glas Fibre Reinforced Plastic (FRP) panelled door shutter of required colour and approved brand and manufacture, made with fire - retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate for forming hollow rails and styles, with wooden frame and suitable blocks of seasoned wood inside at required places for fixing of fittings, cast monolithically with 5 mm thick FRP laminate for panels conforming to IS : 14856, including fixing to frames.			
	Net Total	18.000sqm	@4104.24/sqm	73876.32
1.033	11.40			
	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer) of Ist quality conforming to IS: 15622 of approved make in all colours, shades, except 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 pigments etc., complete.			
	Net Total	111.574sqm	@1386.64/sqm	154712.97
1.034	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-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	227.412sqm	@1220.35/sqm	277522.23
1.035	11.41.3			
	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 800x 800 mm			
	Net Total	640.971sqm	@2083.17/sqm	1335251.56
1.036	11.46.3			
	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			

SI No	Specification	Quantity	Rate	Amount
	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 800 x 800 mm			
		Net Total	57.360sqm @2140.09/sqm	122755.56
1.037	8.2.2.2			
	Providing and fixing 18 mm thick gang saw cut, mirror, polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations, of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Area of slab over 0.50 sqm			
		Net Total	15.345sqm @4746.97/sqm	72842.25
1.038	8.3.2			
	Providing edge moulding to 18 mm thick marble stone counters, vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer -in-Charge. Granite work			
		Net Total	21.900metre @445.63/metre	9759.30
1.039	10.28			
	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.)			
		Net Total	1667.360kg @681.61/kg	1136489.25
1.040	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	128.000each @212.27/each	27170.56
1.041	9.63.2			
	Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete:200x10 mm			
		Net Total	90.000no @71.73/no	6455.70
1.042	9.76			
	Providing and fixing bright finished brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.			
		Net Total	18.000no @844.26/no	15196.68
1.043	9.100.1			

SI No	Specification	Quantity	Rate	Amount
	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete:125 mm			
	Net Total	60.000no	@70.63/no	4237.80
1.044	9.89			
	Providing and fixing chromium plated brass night latch of approved quality including necessary screws etc. complete			
	Net Total	18.000no	@1002.74/no	18049.32
1.045	9.84			
	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width form 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete.			
	Net Total	18.000no	@1008.71/no	18156.78
1.046	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	3369.072sqm	@71.10/sqm	239541.02
1.047	13.80			
	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.			
	Net Total	1075.778sqm	@136.37/sqm	146703.85
1.048	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	1037.524sqm	@195.10/sqm	202420.93
1.049	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	3369.072sqm	@152.38/sqm	513379.19
1.050	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	137.582sqm	@143.94/sqm	19803.55
1.051	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.			

SI No	Specification	Quantity	Rate	Amount
	Net Total	210.000sqm	@1017.88/sqm	213754.80
1.052	OD16407/2024-2025 Providing and laying Endura porch floor tiles in different sizes (thickness to be specified by the manufacturer) with 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.			
	Net Total	41.132sqm	@1034.53/sqm	42552.29
Heading Total(Rs)				21669830.2 2
2 WATER SUPPLY AND SANITARY ARRANGEMENTS				
2.001	50.18.8.9.1 Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 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 chased and making good the wall etc. 110 mm pipe 6kgf/cm2			
	Net Total	17.000metre	@725.81/metre	12338.77
2.002	50.18.9.19.1 Providing and fixing PVC pipes including fixing the pipe with clamps/ clips/ at 1.00 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 110 mm dia 6 Kgf/cm2 - External work- Exposed on wall			
	Net Total	45.000metre	@382.51/metre	17212.95
2.003	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	60.000metre	@527.86/metre	31671.60
2.004	50.18.9.10.1 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. 150 mm dia 6 Kgf/cm2			
	Net Total	15.000metre	@904.71/metre	13570.65
2.005	50.18.8.8.1 Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 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. 75 mm pipe 6 Kgf/cm2			
	Net Total	20.000metre	@625.81/metre	12516.20
2.006	50.18.9.8.1 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. 75 mm dia 6 Kgf/ cm2			

SI No	Specification	Quantity	Rate	Amount
	Net Total	30.000metre	@361.64/metre	10849.20
2.007	50.18.9.18.1			
	Providing and fixing PVC pipes including fixing the pipe with clamps/clips at 1.00 m spacing. This included jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 75 mm dia 6Kgf/cm2 - External work- Exposed on wall			
	Net Total	60.000metre	@282.50/metre	16950.00
2.008	50.18.9.6.2			
	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. 50 mm dia 6 Kgf/cm2			
	Net Total	30.000metre	@244.77/metre	7343.10
2.009	50.18.9.16.2			
	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 50 mm dia 6Kgf/cm2 - External work - Exposed on wall			
	Net Total	30.000metre	@387.05/metre	11611.50
2.010	50.18.9.15.2			
	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 40 mm dia 6 Kgf/cm2 - External work - Exposed on wall			
	Net Total	25.000metre	@377.70/metre	9442.50
2.011	50.18.9.5.2			
	Providing and fixing PVC pipes includings jointing of pipes with one step PVC solvent cement, trenching, refilling & testing of joints compete as per direction of Engineer in Charge. 40 mm dia 6 Kgf/cm2			
	Net Total	30.000metre	@235.42/metre	7062.60
2.012	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	10.000metre	@243.35/metre	2433.50
2.013	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 10Kgf/ cm2- Internal work- Exposed on wall			
	Net Total	30.000metre	@267.39/metre	8021.70
2.014	50.18.7.4.2			

SI No	Specification	Quantity	Rate	Amount	
	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 32 mm dia 6 Kgf/cm2 - internal work- Exposed on wall				
		Net Total	15.000metre	@301.48/metre	4522.20
2.015	50.18.8.2.2				
	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. Concealed work, including cutting chases and making good the wall etc. 20 mm pipe 10 Kgf/ cm2				
		Net Total	10.000metre	@395.87/metre	3958.70
2.016	50.18.8.3.2				
	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. Concealed work, including cutting chases and making good the wall etc. 25 mm pipe 10kgf /cm2				
		Net Total	45.000metre	@423.06/metre	19037.70
2.017	50.18.8.4.1				
	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. Concealed work, including cutting chases and making good the wall etc. 32 mm pipe 10Kgf/cm2				
		Net Total	20.000metre	@448.73/metre	8974.60
2.018	50.18.9.4.2				
	Providing and fixing PVC pipes includings joints of pipes with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 32 mm dia 6 Kgf/cm2				
		Net Total	90.000metre	@222.31/metre	20007.90
2.019	50.18.9.13.2				
	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 10 Kgf/cm2- External work - Exposed on wall				
		Net Total	60.000metre	@277.22/metre	16633.20
2.020	50.18.9.14.2				
	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 32 mm dia 6 Kgf/cm2 - External work - Exposed on wall				
		Net Total	72.000metre	@311.30/metre	22413.60
2.021	18.8.2				

SI No	Specification	Quantity	Rate	Amount
	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes& fittings, with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chases and making good the wall etc.20 mm nominal outer dia pipes			
	Net Total	15.000metre	@566.34/metre	8495.10
2.022	18.8.3			
	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes& fittings, with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chases and making good the wall etc.25 mm nominal outer dia pipes			
	Net Total	20.000metre	@665.62/metre	13312.40
2.023	50.18.9.21			
	Providing and fixing PVC moulded fittings/accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 75 mm dia Elbow			
	Net Total	7.000no	@95.23/no	666.61
2.024	50.18.9.21.3			
	Providing and fixing PVC moulded fittings / accessories for Rigid PVC pipes, including jointing with PVC solvent cement -75 mm dia Door Elbow			
	Net Total	4.000no	@95.23/no	380.92
2.025	50.18.9.21.4			
	Providing and fixing PVC moulded fittings/ accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 75 mm dia Bend			
	Net Total	12.000no	@88.84/no	1066.08
2.026	50.18.9.21.7			
	Providing and fixing PVC moulded fittings/ accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 75 mm dia Vent cowl			
	Net Total	4.000no	@87.10/no	348.40
2.027	50.18.9.21.5			
	Providing and fixing PVC moulded fittings/ accessories for Rigid PVC pipes, including jointing with PVC solvent cement -75x75x75 mm dia Tee			
	Net Total	2.000no	@95.65/no	191.30
2.028	50.18.9.21.6			
	Providing and fixing PVC moulded fittings/accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 75x75x75 mm dia Door Tee			
	Net Total	2.000no	@107.26/no	214.52
2.029	50.18.9.22.2			

SI No	Specification	Quantity	Rate	Amount
	Providing and fixing PVC moulded fittings / accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 110 mm dia 45 degree Elbow			
	Net Total	4.000no	@105.58/no	422.32
2.030	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	15.000no	@107.90/no	1618.50
2.031	50.18.9.22.3			
	Providing and fixing PVC moulded fittings/ accessories for Rigid PVC pipes, including jointing with PVC solvent cement-110 mm dia Door Elbow			
	Net Total	4.000no	@132.29/no	529.16
2.032	50.18.9.22.4			
	Providing and fixing PVC moulded fittings/ accessories for Rigid PVC pipes, including jointing with PVC solvent cement- 110 mm dia Bend			
	Net Total	20.000no	@161.33/no	3226.60
2.033	50.18.9.22.5			
	Providing and fixing PVC moulded fittings/ accessories for Rigid PVC pipes including jointing with PVC solvent cement 110x110x110 mm dia Tee			
	Net Total	5.000no	@175.09/no	875.45
2.034	50.18.9.22.6			
	Providing and fixing PVC moulded fittings/accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 110x110x110 mm dia Door tee			
	Net Total	4.000no	@187.87/no	751.48
2.035	50.18.9.22.12			
	Providing and fixing PVC moulded fittings/ accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 110x75 mm dia Reducer			
	Net Total	4.000no	@107.90/no	431.60
2.036	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	95.271cum	@298.84/cum	28470.79
2.037	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	3.521cum	@6857.60/cum	24145.61
2.038	5.1.2			
	Providing and laying in position specified grade of reinforced cement concrete,			

SI No	Specification	Quantity	Rate	Amount
	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			
	Net Total	17.804cum	@9142.08/cum	162765.59
2.039	5.9.2			
	Centering and shuttering including strutting, etc. and removal of form for:Walls (any thickness) including attached pilasters, butterses, plinth and string courses etc.			
	Net Total	92.160sqm	@721.70/sqm	66511.87
2.040	5.9.3			
	Centering and shuttering including strutting, etc. and removal of form for:Suspended floors, roofs, landings, balconies and access platform			
	Net Total	33.170sqm	@820.86/sqm	27227.93
2.041	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 of grade Fe-500D or more			
	Net Total	1780.500kilo gram	@98.92/kilogram	176127.06
2.042	13.7.2			
	12 mm cement plaster finished with a floating coat of neat cement of mix:1:4 (1 cement : 4 fine sand)			
	Net Total	151.440sqm	@388.80/sqm	58879.87
2.043	OD31918/2023-2024			
	Dry Rubble masonry with Hard Stone in foundation and Plinth without concrete levelling course masonry with good quality blasted rubble including cost and conveyance of all materials labour charge etc. complete as per direction of Engineer in charge			
	Net Total	19.824cum	@4032.78/cum	79945.83
2.044	19.7.1.1			
	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size,) inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design: Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weigh of cover 23 kg and weight of frame 15 kg):With common burnt clay F.P.S. (non modular) bricks of class designation 7.5			
	Net Total	6.000each	@12916.82/each	77500.92
2.045	19.8.1.1			

SI No	Specification	Quantity	Rate	Amount
	Extra for depth for manholes Size 90x80 cm With common burnt clay F.P.S. (non modular) bricks of class designation 7.5			
		Net Total	1.000metre @8886.98/metre	8886.98
2.046	18.77			
	Cutting holes up to 15x15 cm in R.C.C. floors and roofs for passing drain pipe etc. and repairing the hole after insertion of drain pipe etc. with cement concrete 1:2:4 (1 cement : 2 coarse sand: 4 graded stone aggregate 20 mm nominal size), including finishing complete so as to make it leak proof.			
		Net Total	12.000no @408.16/no	4897.92
2.047	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	4.000each @6231.46/each	24925.84
2.048	18.7.3			
	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer -in-Charge. Internal work - Exposed on wall 25 mm nominal outer dia pipes			
		Net Total	2.000metre @437.32/metre	874.64
2.049	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	6.000each @2973.56/each	17841.36
2.050	18.17.1			
	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :25 mm nominal bore			
		Net Total	4.000each @588.88/each	2355.52
2.051	18.17.2			
	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :32 mm nominal bore			
		Net Total	4.000each @688.48/each	2753.92
2.052	18.17.4			
	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :50 mm nominal bore			

SI No	Specification	Quantity	Rate	Amount
	Net Total	5.000each	@1029.52/each	5147.60
2.053	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	8.000each	@654.22/each	5233.76
2.054	18.52.1			
	Providing and fixing C.P brass stop cock (concealed) of standard design and of approved make conforming to IS: 893115 mm nominal bore			
	Net Total	6.000each	@718.11/each	4308.66
2.055	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	6.000no	@67.06/no	402.36
2.056	50.17.1.3			
	Supplying and fixing CP Towel rod 60cm or nearest available length including cost of materials and labour charges etc complete as per the direction of site Engineer-in-charge.			
	Net Total	6.000no	@128.29/no	769.74
2.057	50.17.1.5			
	Supplying and fixing CP Health Faucet superior quality (Jagur or equivalent make) including cost of materials and labour charges etc complete as per the direction of site Engineer-in-charge.			
	Net Total	6.000no	@1280.82/no	7684.92
2.058	17.32.4			
	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 :Rectangular shape 1500x450 mm			
	Net Total	6.000each	@2116.10/each	12696.60
2.059	17.34.1			
	Providing and fixing toilet paper holder:C.P. brass			
	Net Total	6.000no	@691.40/no	4148.40
2.060	18.48			
	Providing and placing on terrace (at all floor levels) polyethylene water storage tank :ISI 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.			
	Net Total	4000.000Litre	@10.44/Litre	41760.00
	Heading Total(Rs)			1135366.30
3	3.Appendix - C - Construction of compound wall			
3.001	2.8.1			

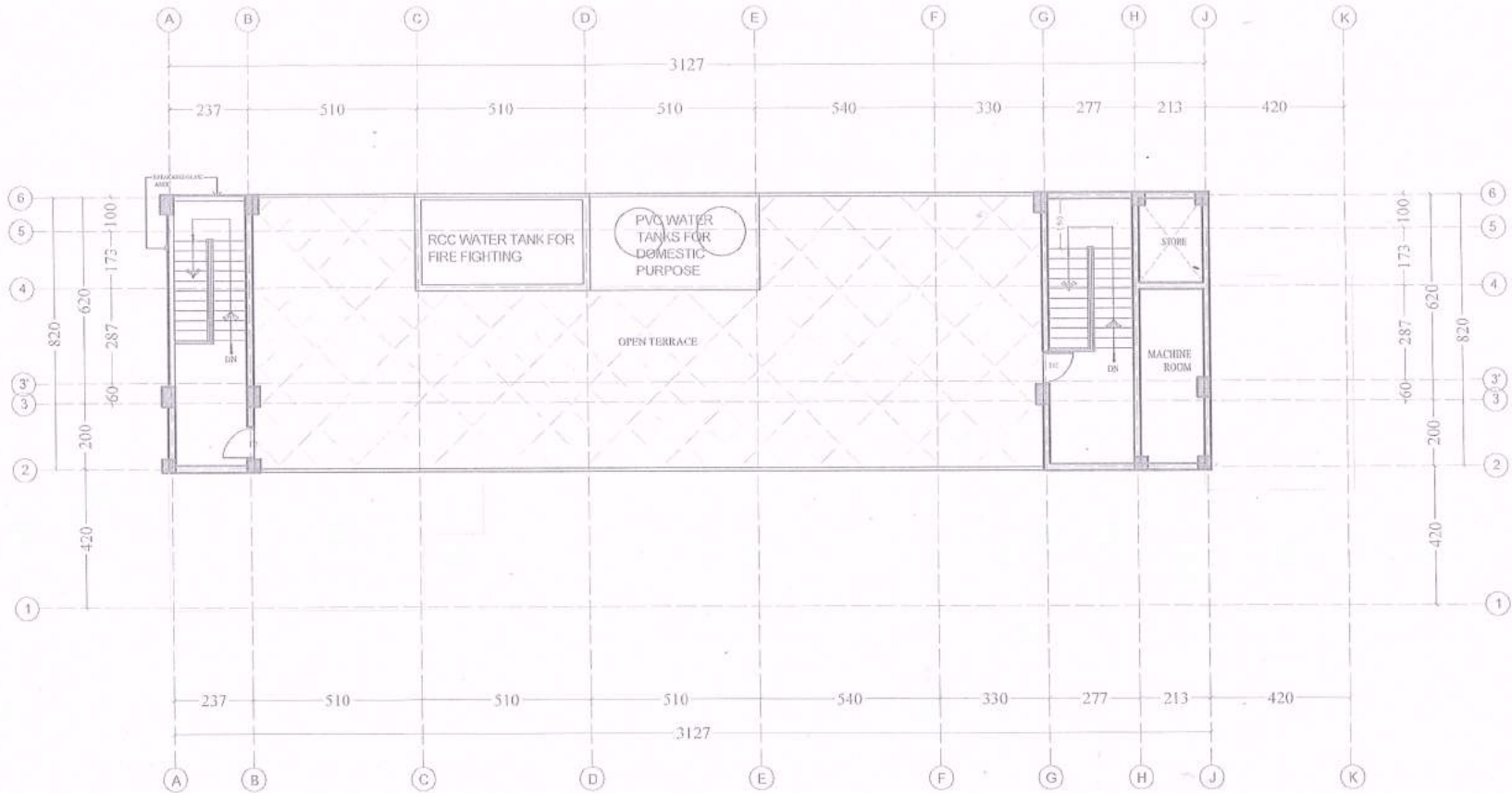
SI No	Specification	Quantity	Rate	Amount
	Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil			
	Net Total	14.999cum	@298.84/cum	4482.30
3.002	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	2.853cum	@6857.60/cum	19564.73
3.003	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)			
	Net Total	11.543cum	@7249.92/cum	83685.83
3.004	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			
	Net Total	0.875cum	@9142.08/cum	7999.32
3.005	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 of grade Fe-500D or more			
	Net Total	87.500kilogram	@98.92/kilogram	8655.50
3.006	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			
	Net Total	450.000kg	@191.08/kg	85986.00
3.007	50.6.2.2			
	Solid masonry using pre cast solid blocks (factory made) of size 30x20x15cm or nearest available size confirming to IS 2185 part I of 1979 for super structure up to floor two level with thickness 15cm in : CM 1:6 (1 cement : 6 coarse sand) etc complete			
	Net Total	16.503cum	@7008.92/cum	115668.21
3.008	13.1.1			
	12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)			

SI No	Specification	Quantity	Rate	Amount
	Net Total	200.940sqm	@316.08/sqm	63513.12
3.009	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	220.380sqm	@195.10/sqm	42996.14
3.010	13.52.1			
	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete.On steel work			
	Net Total	24.400sqm	@224.76/sqm	5484.14
3.011	OD96519/2023-2024			
	Providing, fabricating and supplying and fixing panels of aluminum composite panel cladding in pan shape in metallic colour of approved shades made out of 4mm thick aluminum composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each0.5mm thick) etc. as directed by the Engineer- in- Charge. Base frame work for ACP cladding is payable under the separate steel item.			
	Net Total	12.000sqm	@2113.61/sqm	25363.32
3.012	OD96522/2023-2024			
	Supplying fabricating and fixing stainless steel embossed letter English and Malayalam font of size 20 cm height to the name board with nuts and bolts,drilling and fixing to the panel with synthetic resin adhesive to correct lines and levels as per the direction of the departmental officers.			
	Net Total	22.000each	@1393.80/each	30663.60
	Heading Total(Rs)			494062.21
	Total Estimation PAC			23299258.73
SI No	Description	Percentage/LS	Amount	
4	Lumsum Heading			
4.001	LS Amount for Electrification			
		0.00	0.00%	
			1300000.00	
4.002	LS amount for purchasing furniture without bidding through approved agency			
		0.00	0.00%	
			1200000.00	
	Total Lumsum Amount			2500000.00
5	Extra Charges			
4.001	Provision for GST			
		23299258.73	18.00%	
			4193866.57	
	Grand Total			29993125.30
	Round off			6874.70

EST No. :PWD/BLDG/EST/8938/2023_23_1_1 (Edit Id : 8)
(Dsor year : 2018,Cost Index (Place : Kottayam,Value : 136.44),GST : 18%

SI No	Specification	Quantity	Rate	Amount
			Rounded Total(Rs)	30000000.00
	Rupees Three Crore			





AREA	
AREA OF GROUND FLOOR	324 SQM
AREA OF FIRST FLOOR	264 SQM
AREA OF SECOND FLOOR	264 SQM
AREA OF STAIR ROOM FLOOR	62 SQM
AREA OF ALL FLOORS	914 SQM

ALL DIMENSIONS ARE IN CMS

**PROPOSED NEW BUILDING
FOR GOVT REST HOUSE
KANJIRAPPALLY, KOTTAYAM**

PLAN		
SCALE: NTS	DRG NO:	SH: NO
DATE: 30.04.2024	AR. 119/24(S)	03/06
FILE NO:	CAPWD-A20-KTM/2/2024-SA4-AR	
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GOVERNMENT OF KERALA
PUBLIC WORKS DEPARTMENT
OFFICE OF THE CHIEF ARCHITECT
THIRUVANANTHAPURAM 695 033

Revision details		
Sl. No	Date	Particulars

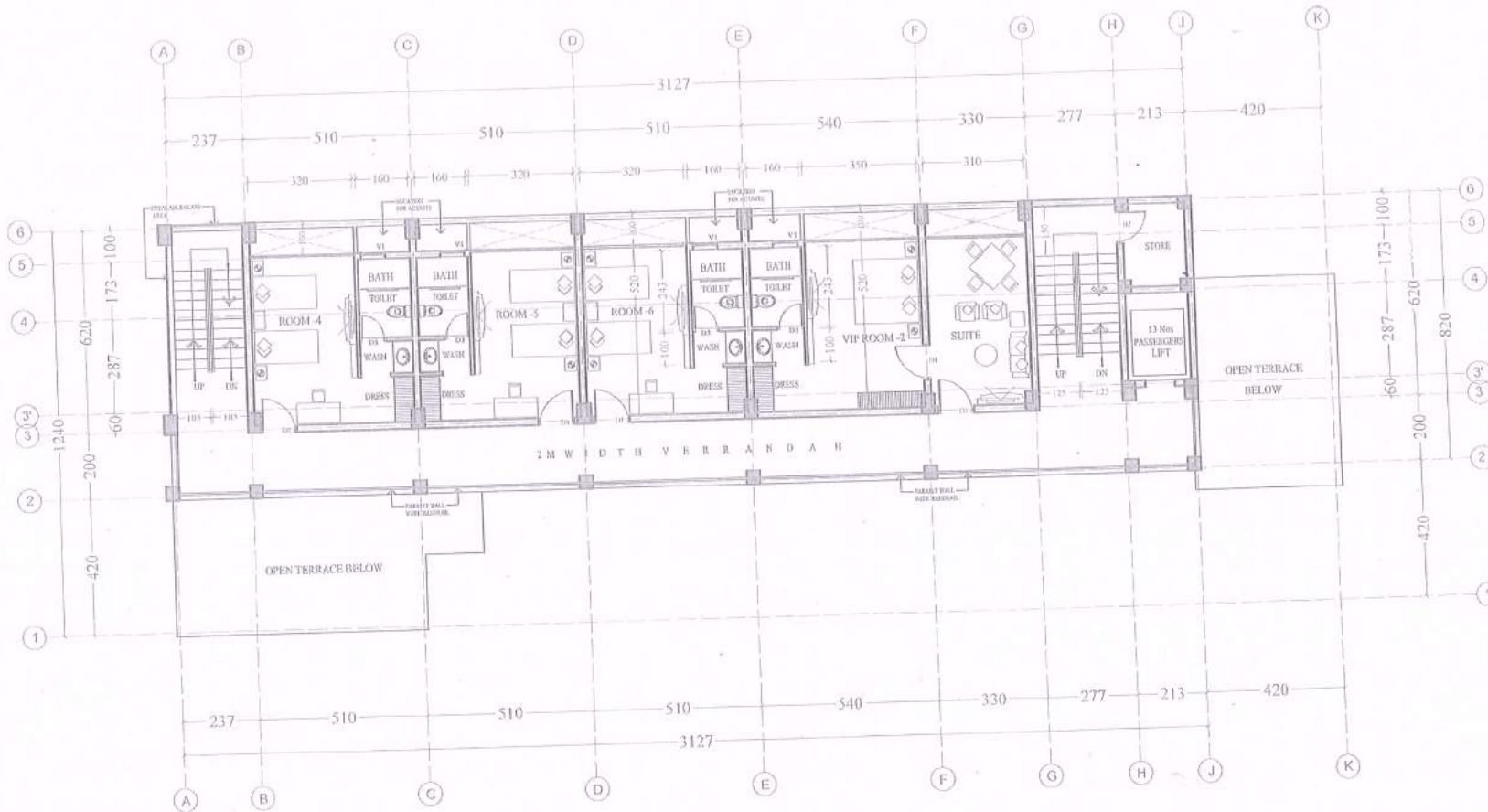
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4. Rule nos. 5(2) & 7(2) of RMBR 1999 should be satisfied before executing the project.
5. Concurrence from concerned Judicial authorities should be obtained before execution at site.

	NAME	DIGNITARY	SIGNATURE
Drawn by	S. Gopal Kumar	Arch. D.M.A	<i>[Signature]</i>
Designed/Checked by	Surya Nair	Sr. Architect	<i>[Signature]</i>
Reviewed by	Girish, V.S	Deputy Chief Architect	<i>[Signature]</i>
Approved by	Rajeev P.S	Chief Architect	<i>[Signature]</i>

അസസ്റ്റന്റ് എക്സിക്യൂട്ടീവ് എഞ്ചിനീയർ
പൊതുമരാമത്ത് കെട്ടിട ഉപവിഭാഗം
കാഞ്ഞിരപ്പള്ളി

[Signature]
ASSISTANT ENGINEER
PWD BUILDINGS SECTION
KANJIRAPPALLY

STAIR FLOOR PLAN



AREA

AREA OF GROUND FLOOR -	324 SQM
AREA OF FIRST FLOOR -	264 SQM
AREA OF SECOND FLOOR -	264 SQM
AREA OF STAIR ROOM FLOOR -	62 SQM
AREA OF ALL FLOORS -	914 SQM

ALL DIMENSIONS ARE IN CMS

**PROPOSED NEW BUILDING
FOR GOVT REST HOUSE
KANJIRAPPALLY, KOTTAYAM**

PLAN

SCALE: NTS	DRG NO.	SH. NO
DATE: 30.04.2024	AR, 119/24(S)	04/06
FILE NO:	CAPWD-A20-KTM/2/2024-SA4-AR	

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GOVERNMENT OF KERALA
PUBLIC WORKS DEPARTMENT
OFFICE OF THE CHIEF ARCHITECT
THIRUVANANTHAPURAM 695 033

Revision details

No.	Date	Description

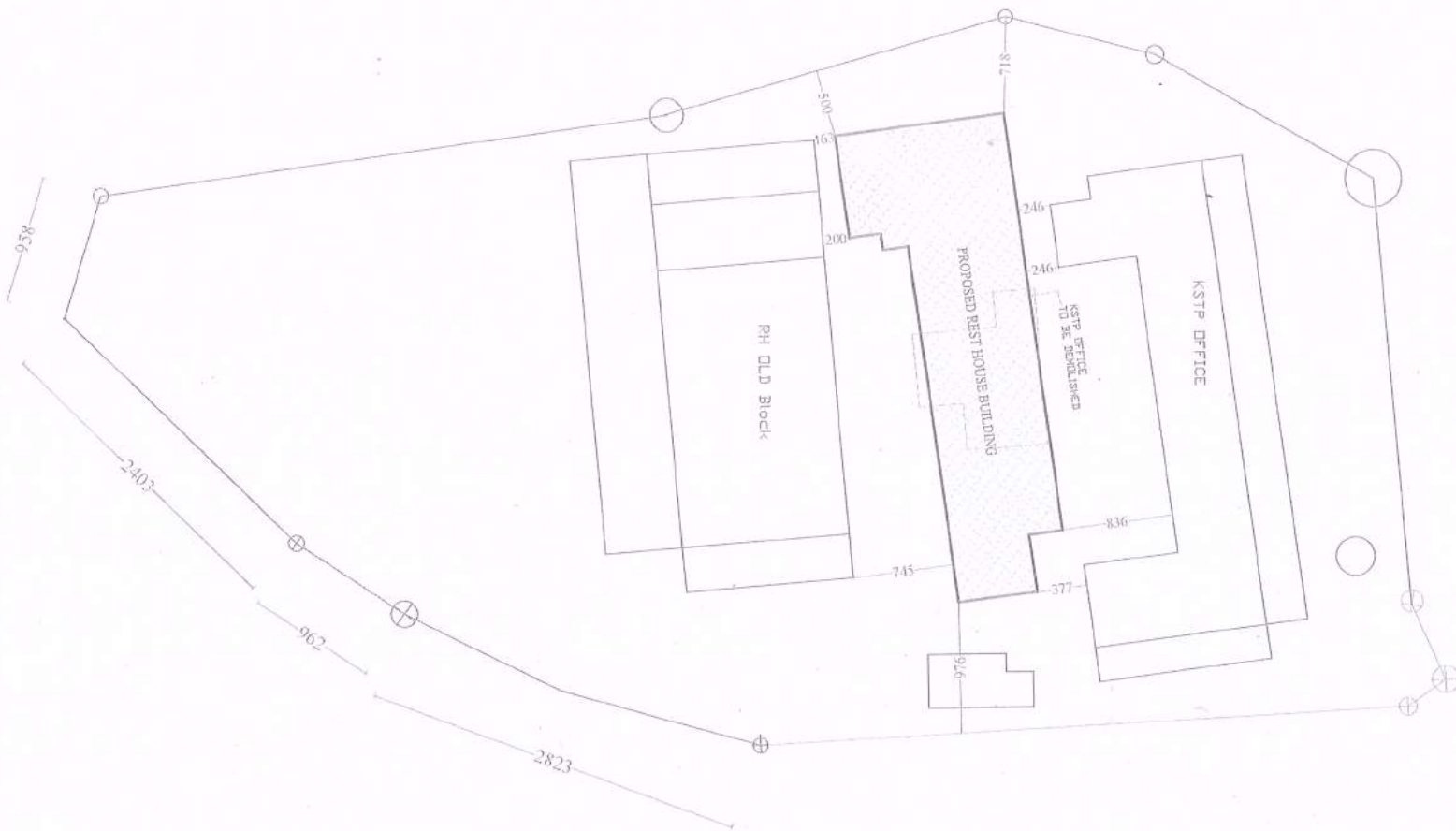
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5. Concurrence from concerned Judicial authorities should be obtained before execution at site.

Drawn by	NAME	DIGNITARY	SIGNATURE
	S.Gopakumar	Arch. D/Ar	<i>[Signature]</i>
Design/Checked by	Surya Nair	Sr. Architect	<i>[Signature]</i>
Reviewed by	Grishu V.S.	Deputy Chief Architect	<i>[Signature]</i>
Approved by	Rajeev P.S	Chief Architect	<i>[Signature]</i>

അസസ്റ്റന്റ് എക്സിക്യൂട്ടീവ് എഞ്ചിനീയർ
പൊതുമരാമത്ത് കെട്ടിട ഉപവിഭാഗം
കാഞ്ചിപ്പള്ളി

ASSISTANT ENGINEER
PWD, BUILDINGS SECTION
KANJIRAPPALLY

SECOND FLOOR PLAN



AREA	
AREA OF GROUND FLOOR -	324 SQM
AREA OF FIRST FLOOR -	264 SQM
AREA OF SECOND FLOOR -	264 SQM
AREA OF STAIR FLOOR -	62 SQM
AREA OF ALL FLOORS -	914 SQM

ALL DIMENSIONS ARE IN CMS

**PROPOSED NEW BUILDING
FOR GOVT REST HOUSE
KANJIRAPPALLY, KOTTAYAM**

PLAN		
SCALE: NTS	DRG NO:	SH. NO
DATE: 30.04.2024	AR. 119/24(S)	02/06
FILE NO:	CAPWD-A20-KTM/2024-SA4-AR	
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PUBLIC WORKS DEPARTMENT
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Revision details		
No.	Date	Rev./By

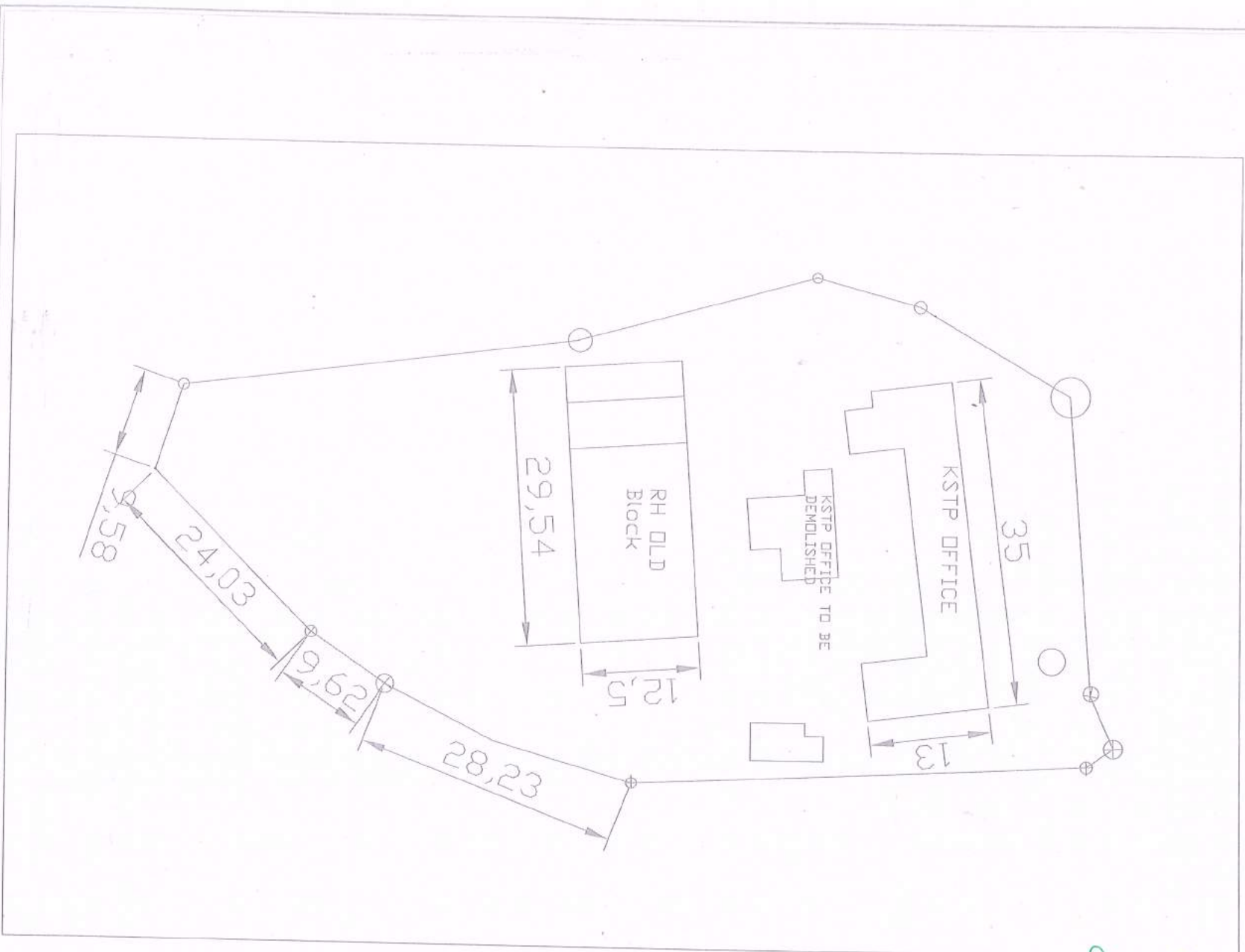
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4. Rule nos. 5(2) & 7(2) of KPMR, 1999 should be satisfied before executing the project.
5. Concurrence from concerned Judicial authorities should be obtained before execution at site.

NAME	DESIGNATION	SIGNATURE
Drawn by	S.Gopakumar Archt. D.M.A.	<i>S.Gopakumar</i>
Original/Checked by	Smya Nair Sr. Architect	<i>Smya Nair</i>
Revised by	Girish, V.S. Deputy Chief Architect	<i>Girish</i>
Approved by	Rajeev P.S. Chief Architect	<i>Rajeev P.S.</i>

അസസ്റ്റന്റ് എക്സിക്യൂട്ടീവ് എഞ്ചിനീയർ
പൊതുമുദ്ര രാമേശ് കെട്ടിട ഉപവിഭാഗം
കാഞ്ചിപ്പള്ളി

T. Sanjiv
ASSISTANT ENGINEER
P.W.D. BUILDINGS SECTION
KANJIRAPPALLY

SITE PLAN



AREA	
AREA OF GROUND FLOOR -	324 SQM
AREA OF FIRST FLOOR -	264 SQM
AREA OF SECOND FLOOR -	264 SQM
AREA OF STAIR ROOM FLOOR -	62 SQM
AREA OF ALL FLOORS -	914 SQM

ALL DIMENSIONS ARE IN CMS

PROPOSED NEW BUILDING FOR GOVT REST HOUSE KANJIRAPPALLY, KOTTAYAM

PLAN		
SCALE: NTS	DRG NO:	SH. NO
DATE: 30.04.2024	AR. 119/24(S)	01/06
eFILE NO:	CAPWD-A20-K1M/2/2021-SAJ-AR	
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PUBLIC WORKS DEPARTMENT
OFFICE OF THE CHIEF ARCHITECT
THIRUVANANTHAPURAM 695 033

Revision details		
No.	Date	Revision

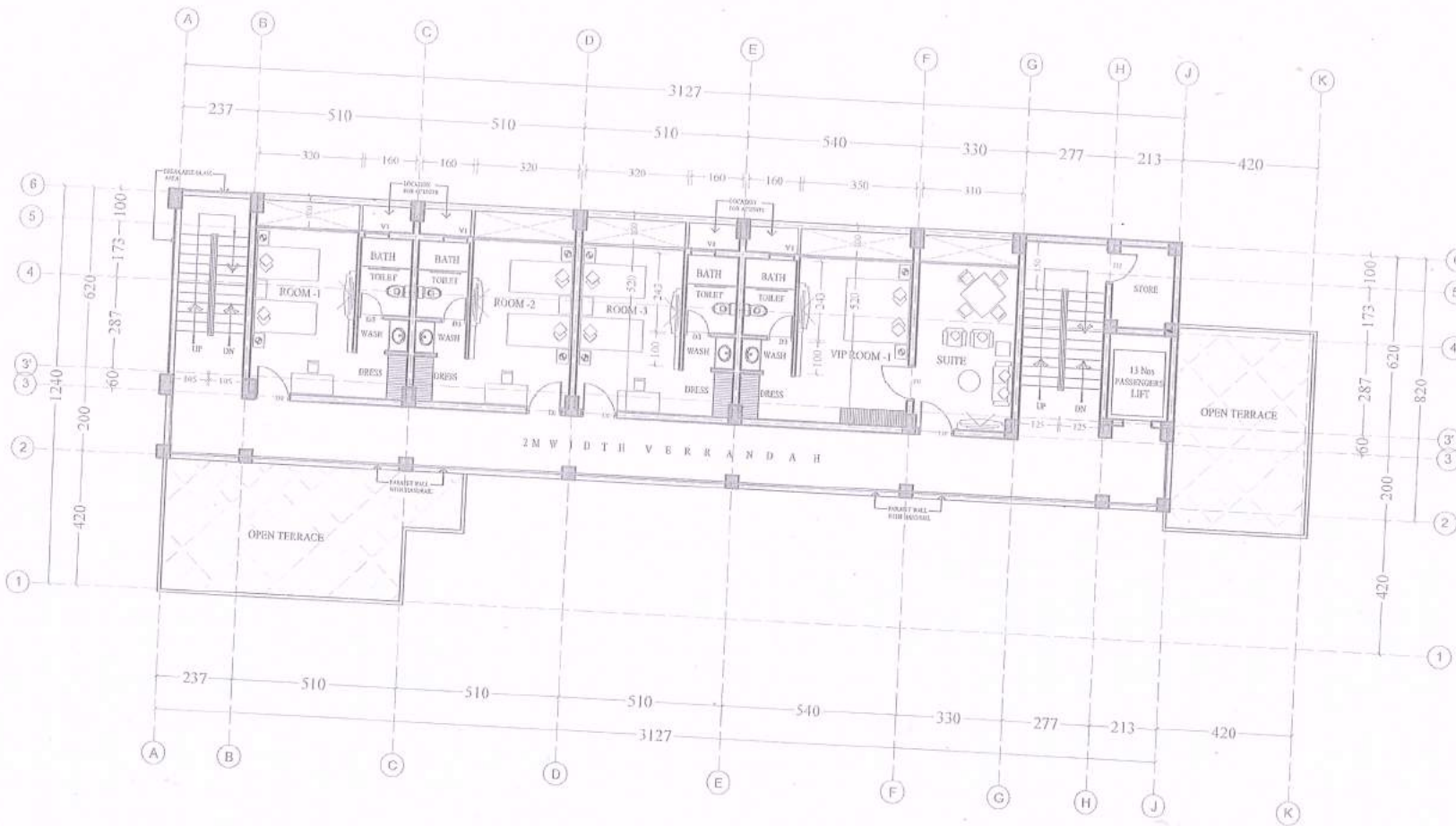
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5. Concurrence from concerned Judicial authorities should be obtained before execution at site.

	NAME	DUNGRADITH	SIGNATURE
Drawn by	X.Gopakumar	Acht. D.M.A.	<i>[Signature]</i>
Designed/Checked by	Surya Nair	Sr. Architect	<i>[Signature]</i>
Reviewed by	Girish. V.S.	Deputy Chief Architect	<i>[Signature]</i>

അസസ്റ്റന്റ് ഏകനവകരണ ഏജൻസി
പൊതുമരാമത്ത് കെട്ടിട ഉപവിഭാഗം
കാഞ്ഞിരപ്പള്ളി

[Signature]
ASSISTANT ENGINEER
P.W.D. BUILDINGS SECTION
KANJIRAPPALLY

SURVEY PLAN



AREA	
AREA OF GROUND FLOOR -	324 SQM
AREA OF FIRST FLOOR -	264 SQM
AREA OF SECOND FLOOR -	264 SQM
AREA OF STAIR ROOM FLOOR -	62 SQM
AREA OF ALL FLOORS -	914 SQM

ALL DIMENSIONS ARE IN CM'S

**PROPOSED NEW BUILDING
FOR GOVT REST HOUSE
KANJIRAPPALLY, KOTTAYAM**

PLAN		
SCALE: NTS	DRG NO	SH. NO
DATE: 30.04.2024	AR, 119/24(S)	05/06
FILE NO:	CAPWD-A20-KTM2/2014-SAA-AR	
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GOVERNMENT OF KERALA
PUBLIC WORKS DEPARTMENT
OFFICE OF THE CHIEF ARCHITECT
THIRUVANANTHAPURAM 695 033

Revision details		
No.	Date	Particulars

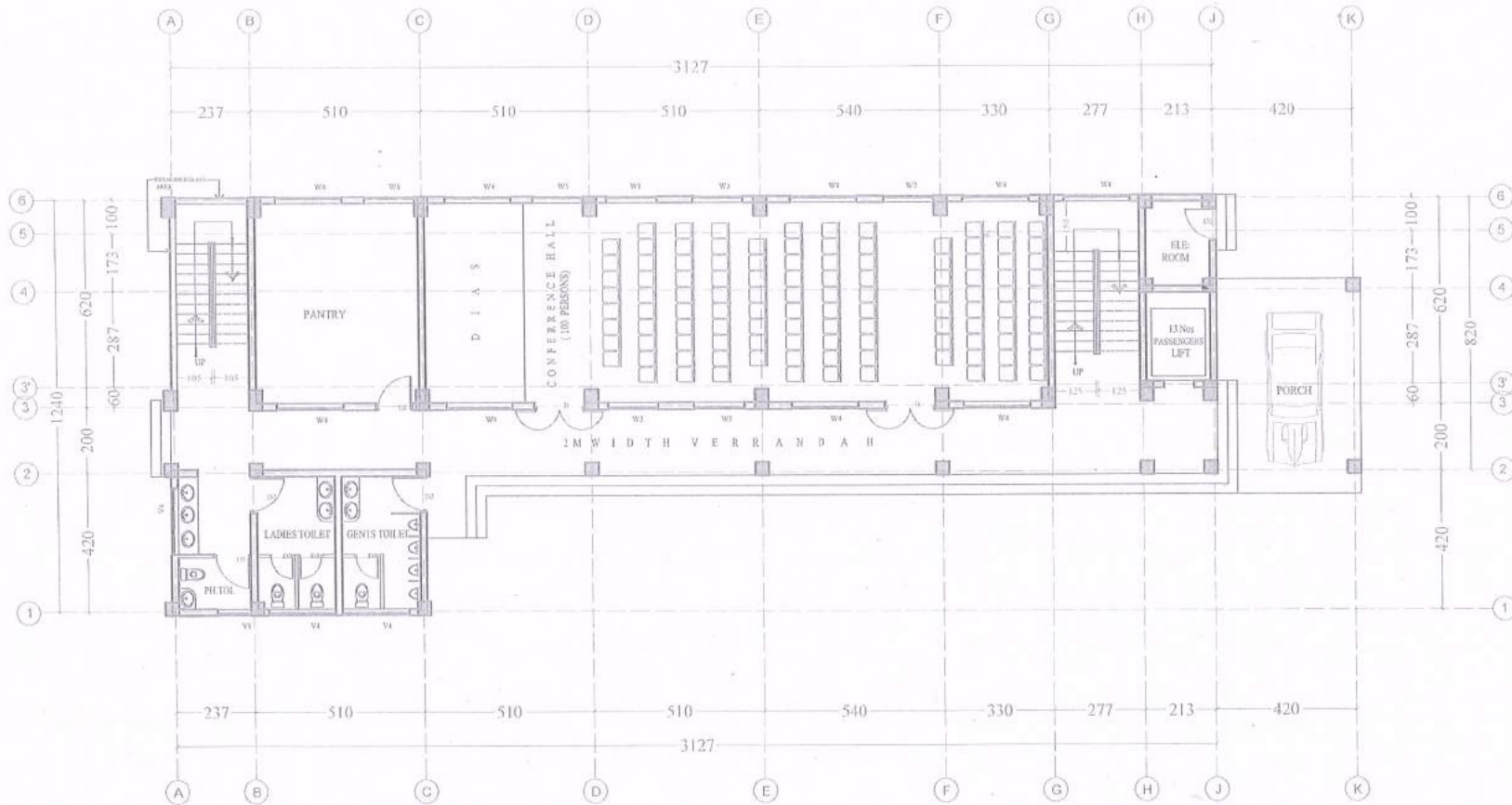
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	NAME	DESIGNATION	SIGNATURE
Drawn by	S. Gopakumar	Archd. EPMS	<i>[Signature]</i>
Designed/Checked by	Surya Nair	Sr. Architect	<i>[Signature]</i>
Reviewed by	Girish V.S	Deputy Chief Architect	<i>[Signature]</i>

അസോസിയറ്റ് എക്സിക്യൂട്ടീവ് എഞ്ചിനീയറുടെ
പൊതുമരാമത്ത് കെട്ടിട ഉപവിഭാഗം
കാബനറിന്റെ

[Signature]
**ASSISTANT ENGINEER
PWD, BUILDINGS SECTION
KANJIRAPPALLY**

FIRST FLOOR PLAN



AREA	
AREA OF GROUND FLOOR	324 SQM
AREA OF FIRST FLOOR	264 SQM
AREA OF SECOND FLOOR	264 SQM
AREA OF STAIR ROOM FLOOR	62 SQM
AREA OF ALL FLOORS	914 SQM

ALL DIMENSIONS ARE IN CMS

**PROPOSED NEW BUILDING
FOR GOVT REST HOUSE
KANJIRAPPALLY, KOTTAYAM**

PLAN		
SCALE: NTS	DRG NO:	S.H. NO
DATE: 30/04/2024	AR. 119/24(S)	06/06
eFILE NO	CAPWD-A20-KTM/2024-SA-LAR	

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GOVERNMENT OF KERALA
PUBLIC WORKS DEPARTMENT
OFFICE OF THE CHIEF ARCHITECT
THIRUVANANTHAPURAM 695 033

Revision details		
Sl. No	Desc	Particular

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- Consent from concerned judicial authorities should be obtained before execution at site.

	NAM	DESIGNATION	SIGNATURE
Drawn by	S Geyakumar	Arch. D/Man	<i>[Signature]</i>
Design Checked by	Surya Nair	Sr. Architect	<i>[Signature]</i>
Reviewed by	Girish V.S	Deputy Chief Architect	<i>[Signature]</i>
Approved by	Rajeev P.S	Chief Architect	<i>[Signature]</i>

അസസ്റ്റന്റ് ഏകീകൃതാനി എഞ്ചിനീയർ
പൊതുമു. കെട്ടിട നിർമ്മാണ
കാണിയിപ്പം

ASSISTANT ENGINEER
PWD, BUILDINGS SECTION
KANJIRAPPALLY

GROUND FLOOR PLAN

177
24/02/23

Dr. N. JAYARAJ
(MA, Ph.D)
CHIEF WHIP
GOVT. OF KERALA



Room No. 730,
3rd Floor
Legislature Complex,
Thiruvananthapuram-695 033

Phone
Office : 0471-2512080
Mobile : 9447464451
E-mail : governmentswhip@gmail.com

24-02-2023

no.50/GCW/2023

Place

Date

എക്സിക്യൂട്ടീവ് എഞ്ചിനീയർ
പൊതുമരാമത്ത് (കെട്ടിടം) വകുപ്പ്
കോട്ടയം ഡിവിഷൻ

പ്രിയ എക്സിക്യൂട്ടീവ് എഞ്ചിനീയർ

കാഞ്ഞിരപ്പള്ളി നിയോജകമണ്ഡലത്തിൽ ഉള്ള ഏക റസ്റ്റ് ഹൗസാണ് കാഞ്ഞിരപ്പള്ളി ടി ബി. പ്രസ്തുത ടി ബി ക്ക് നിലവിലെ പഴയ കെട്ടിടം നവീകരിച്ചെങ്കിലും 2 മുറികൾ മാത്രമാണ് ഉള്ളത്. ഹൈറേഞ്ചിലേക്ക് കടക്കുന്നതിനു മുമ്പുള്ള പ്രധാന ടി ബി യാണ്. കോട്ടയം ജില്ലയിലെ ചങ്ങനാശേരി ടി ബി യിൽ നിന്നും കോട്ടയം ഗസ്റ്റ് ഹൗസിൽ നിന്നും 40 ലധികം കിലോമീറ്റർ ദൂരത്ത് സ്ഥിതി ചെയ്യുന്ന വിശ്രമകേന്ദ്രമാണ്. വളരെയധികം പഴക്കമുള്ള നിലവിലെ കെട്ടിടത്തിൽ സ്ഥലപരിമിതിയും ഭൗതിക സൗകര്യക്കുറവും വളരെയധികം അനുഭവിക്കുന്നുണ്ട്. പുതിയ ഒരു കെട്ടിടം നിർമ്മിക്കുന്നതിനാവശ്യമായ സ്ഥലം ലഭ്യമാണ്. പ്രസ്തുത ടി ബി ക്ക് ആധുനിക സൗകര്യങ്ങളോടുകൂടി ഒരു കെട്ടിടം കൂടി നിർമ്മിക്കുന്നതിന് തുക അനുവദിക്കുന്നതിന് ആവശ്യമായ നടപടികൾ സ്വീകരിക്കണമെന്ന് താല്പര്യപ്പെടുന്നു.

Baby AE
MHA
24/2/23

Sindhu,
Propose
estimate

വിശ്വസ്തതയോടെ

കിരഗുണ്ണം. 03016/2023 ഡോ. എൻ. ജയരാജ്

പകർപ്പ് തിരുവനന്തപുരം നഗര നടപടിക്രമമായി തിരഞ്ഞെടുക്കപ്പെട്ട കെട്ടിട വിഭാഗം കമ്മിറ്റി ചെയർമാൻ മാർക്കസ്

for