15 -ാം കേരള നിയമസഭ

11 -ാം സമ്മേളനം

നക്ഷത്ര ചിഹ്നം ഇല്ലാത്ത ചോദ്യം നം. 1299

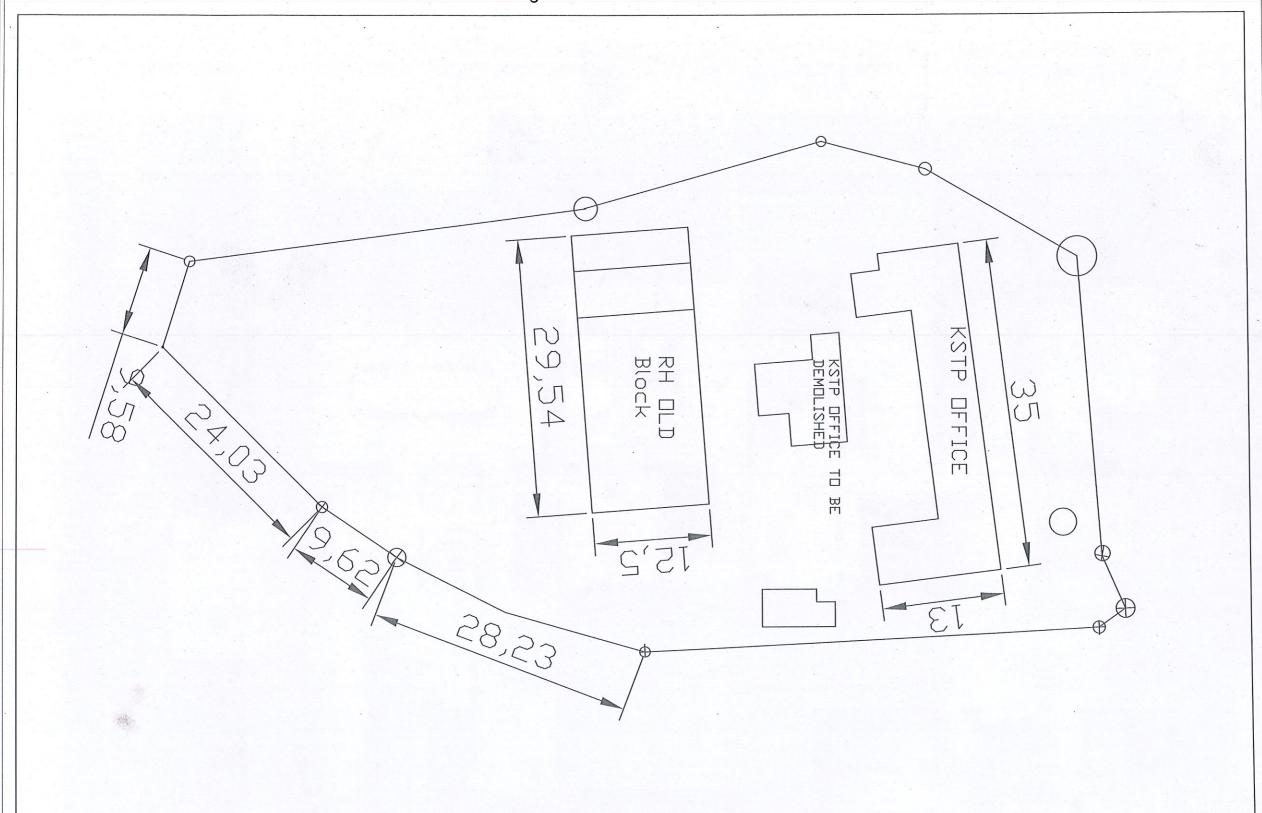
<u>19-06-2024 - ൽ മറുപടിയ്</u>ക്

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 റസ്റ്റ്ഹൗസിന്റെ 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 തയാറാക്കിയിട്ടുണ്ടോയെന്നും എസ്റ്റിമേറ്റ് ഇക എത്രയെന്നും അറിയിക്കാമോ; എസ്റ്റിമേറ്റ്, പ്ലാൻ എന്നിവയുടെ പകർപ്പ് ലഭ്യമാക്കാമോ;	(ബി) കാഞ്ഞിരപ്പള്ളി റസ്റ്റ്ഹൗസിന്റെ 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 നല്ലുന്നതിന് നടപടി സ്വീകരിക്കാമോ?	(സി) കാഞ്ഞിരപ്പള്ളി റസ്റ്റ്ഹൗസിന്റെ 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.



AREA

AREA OF GROUND FLOOR - 324 SQM

AREA OF FIRST FLOOR - 264 SQM AREA OF SECOND FLOOR - 264 SQM

AREA OF SECOND FLOOR - 204 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

SCALE: NTS	DRG NO:	SH:NO
DATE: 30.04.2024	AR. 119/24(S)	01/06
eFILE NO:	CAPWD-A20-KTM/2/202	24-SA4-AR
	ALL DIMENSIONS ARE	E IN CMS

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

Revision details

Si.no. Date Particulars C

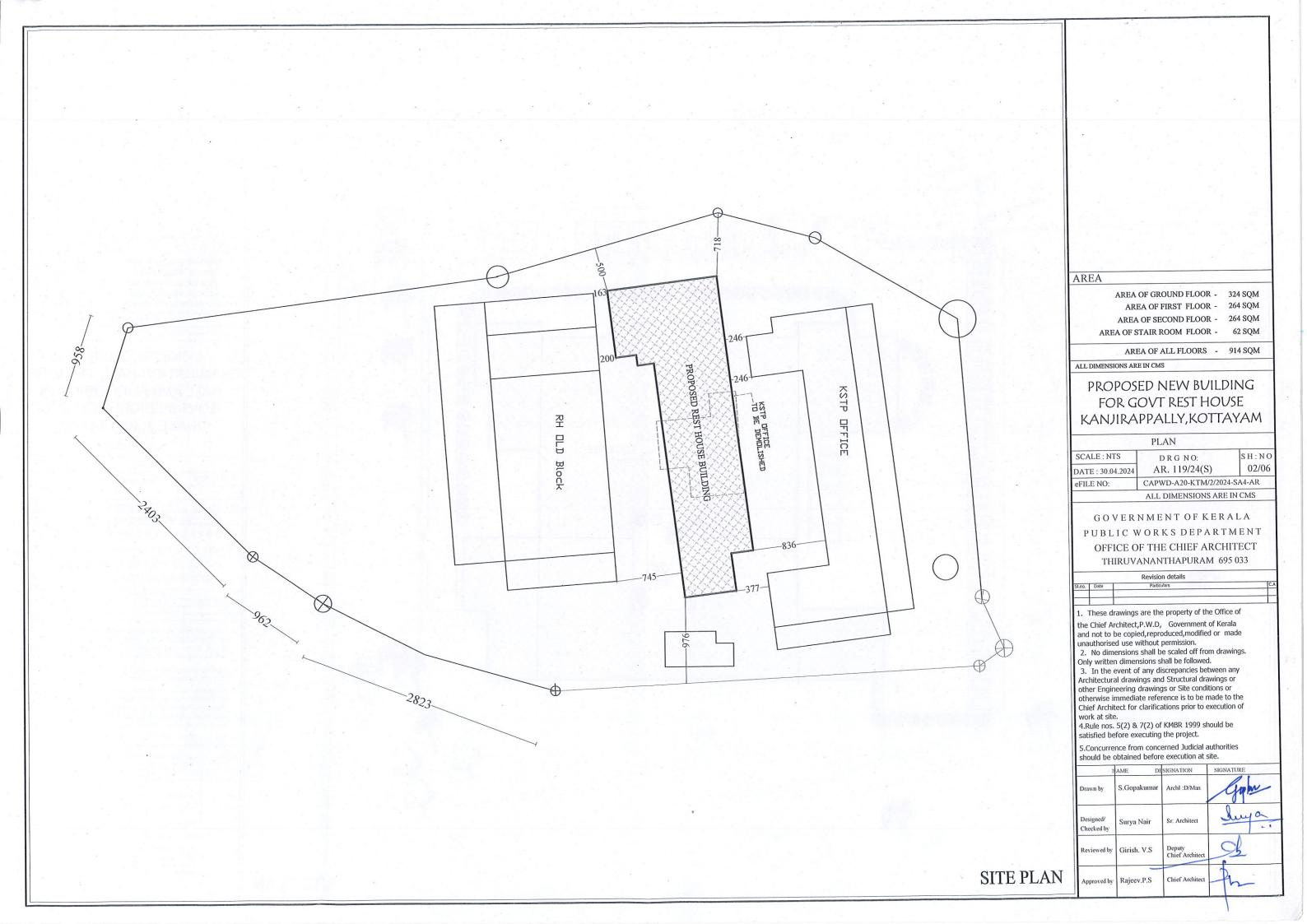
- These drawings are the property of the Office of the Chief Architect, P.W.D., Government of Kerala and not to be copied, reproduced, modified or made unauthorised use without permission.
- 2. No dimensions shall be scaled off from drawings.
 Only written dimensions shall be followed.
- 3. In the event of any discrepancies between any Architectural drawings and Structural drawings or other Engineering drawings or Site conditions or otherwise immediate reference is to be made to the Chief Architect for clarifications prior to execution of work at site.

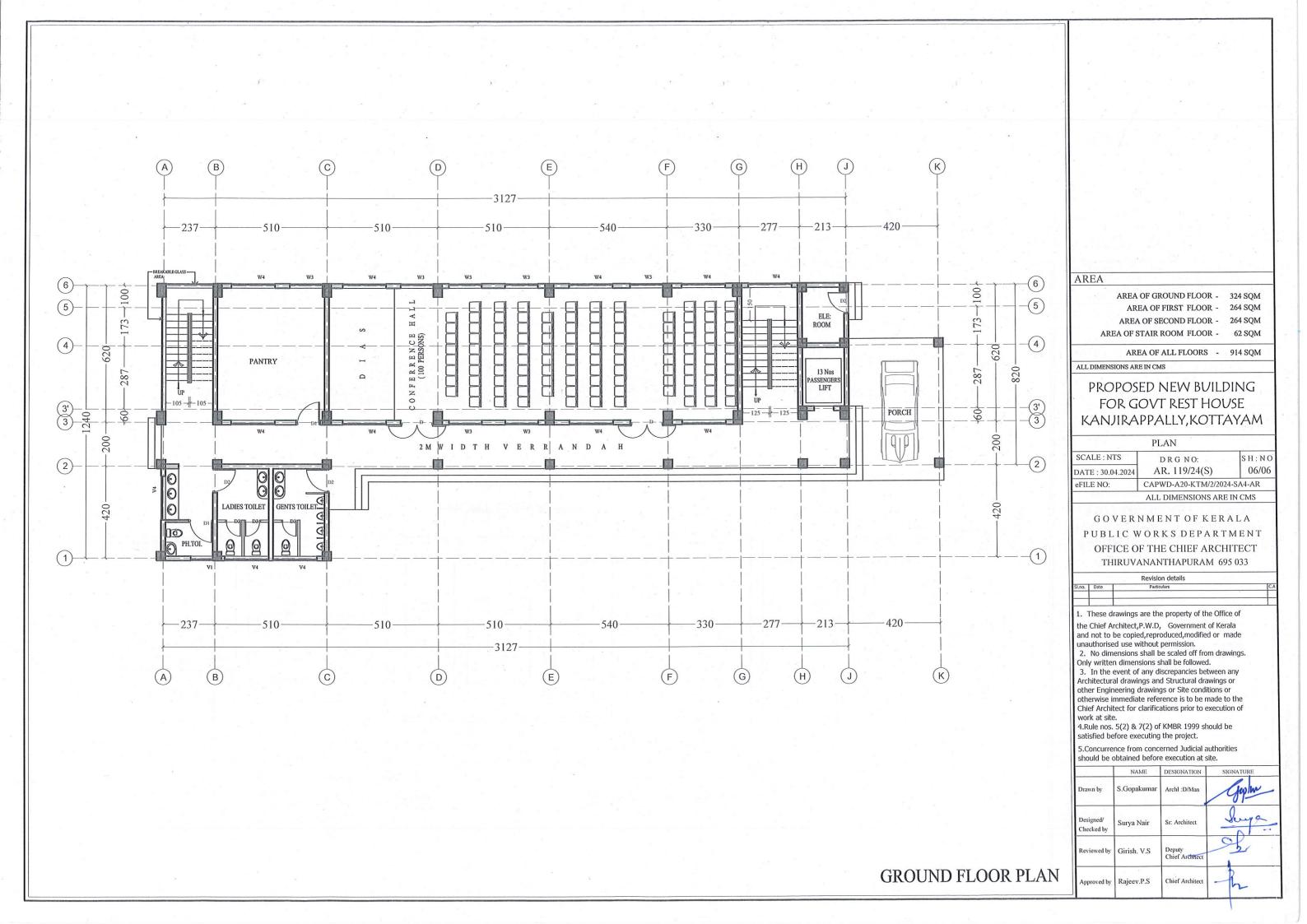
work at site.
4.Rule nos. 5(2) & 7(2) of KMBR 1999 should be satisfied before executing the project.

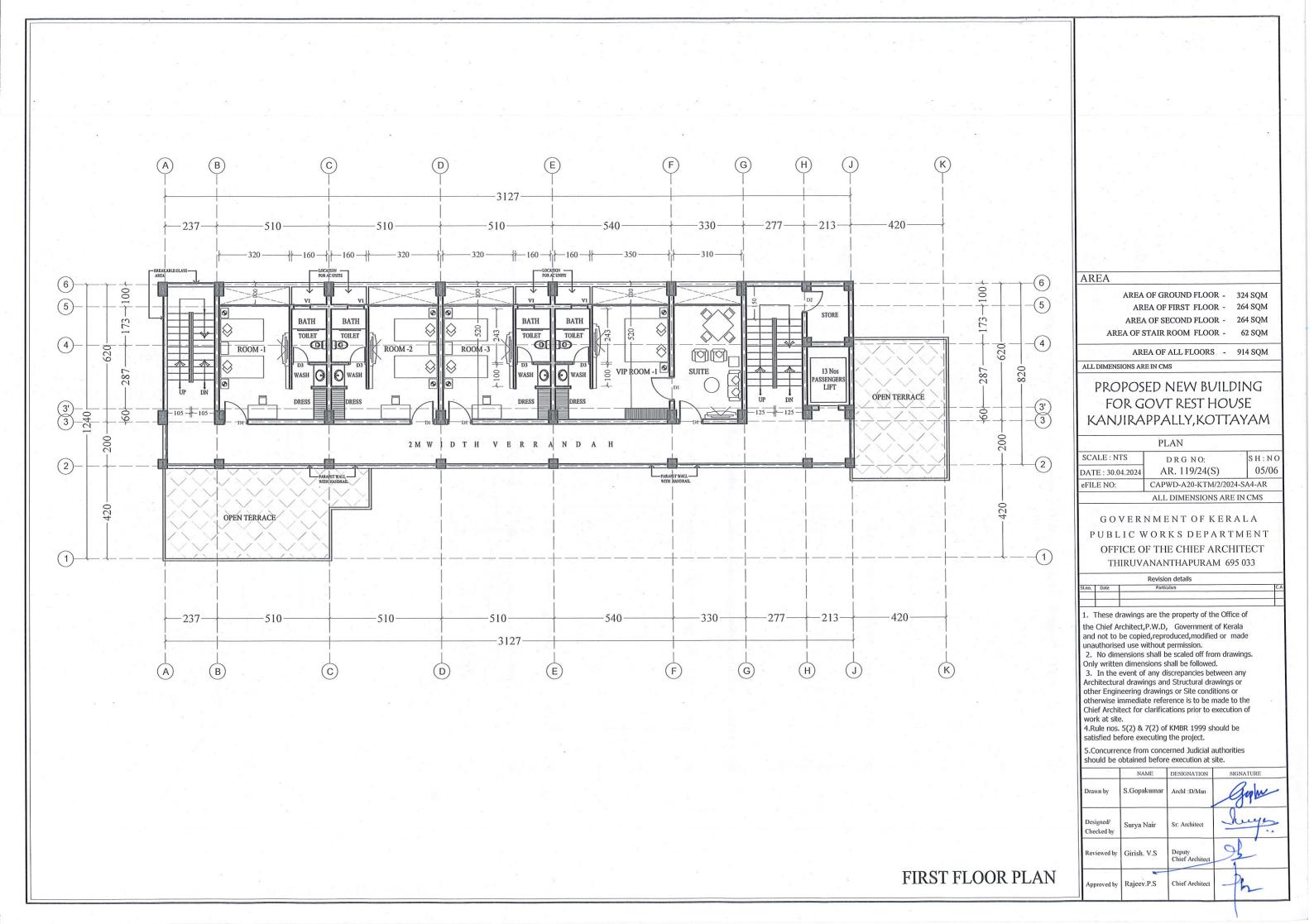
5.Concurrence from concerned Judicial authorities should be obtained before execution at site.

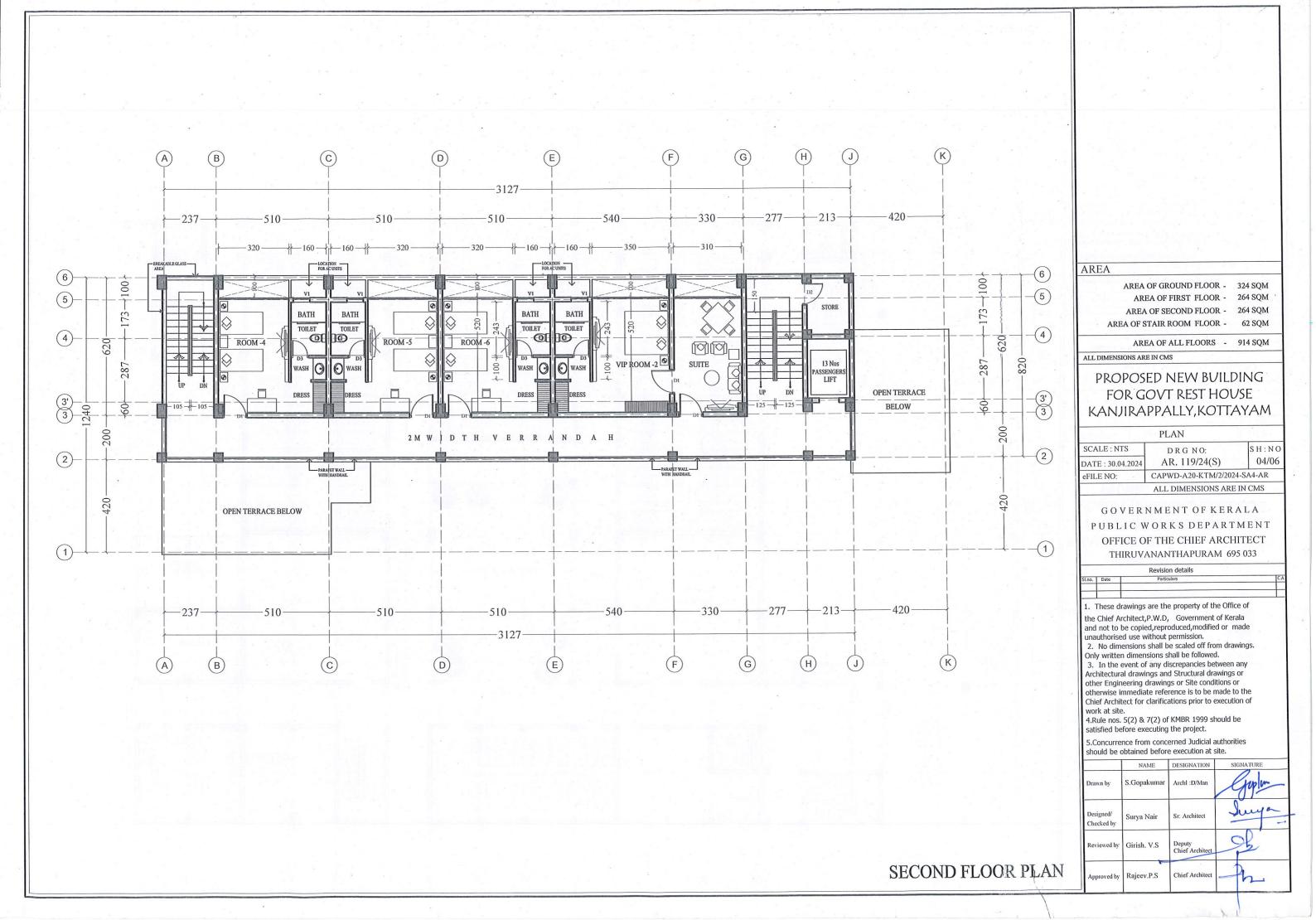
	NAME	DESIGNATION	SIGNATURE
Drawn by	S.Gopakumar	Archl :D/Man	guplus
Designed/ Checked by	Surya Nair	Sr: Architect	Juya.
Reviewed by	Girish. V.S	Deputy Chief Architect	96
Approved by	Rajeev.P.S	Chief Architect	An

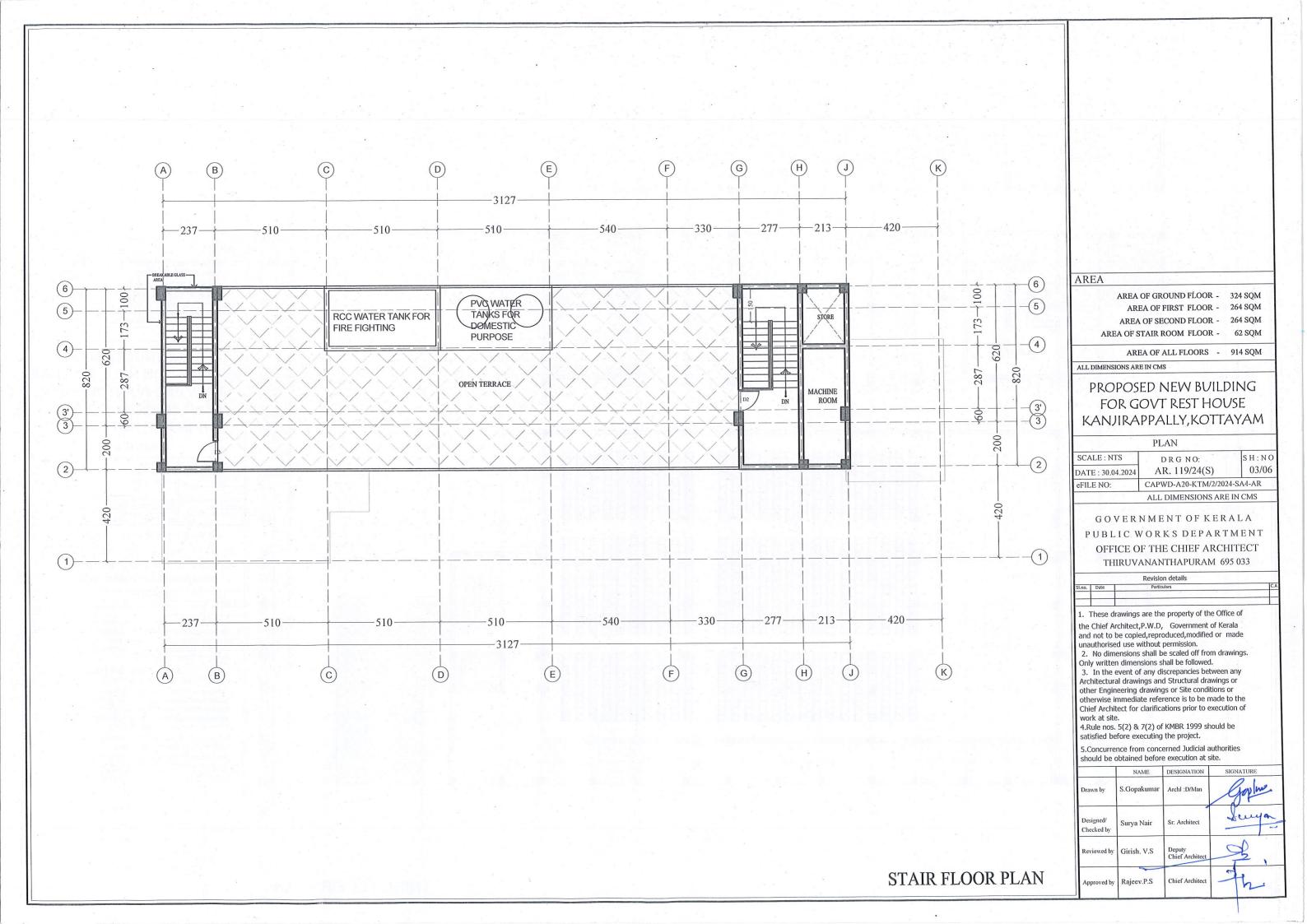
SURVEY PLAN











അനുബന്ധം. II

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%

ESTIMATE REPORT

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

The estimate is prepared based on the request recieved 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

Beena. L

(PEN:129013), Chief Engineer



GENERAL ABSTRACT

GENERAL-CONSTRUCTION OF NEW BUILDING FOR REST HOUSE

KANJIRAPPALLY.-Work-General Civil Work

Sl No	Head Description		Amount
1	1 APPENDIX - A - BUILDING PROPER		21669830.22
2	WATER SUPPLY AND SANITARY ARRA	NGEMENTS	1135366.30
3	3.Appendix - C - Construction of compound	wall	494062.21
	T	otal Estimation PAC	23299258.73
Sl 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 b	idding through approve	ed agency
		@LS	1200000.00
	То	tal Lumsum Amount	2500000.00
C	Extra Charges		
C.001	Provision for GST	THE MANAGEMENT	
	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

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
1	1 APPENDIX - A	A - BUILI	DING PROP	ER			
1.001	2.6.1						
	Earth work in exca over areas (exceed including disposal earth to be levelled	ing 30 cm of excava	n in depth, 1.: ated earth, lea	5 m in width ad up to 50 m	as well as 10 and lift up	on sqm	plan)
	Site levelling						
	Earth work excavation for levelling the site	1.000	28.000	15.000	0.300	1.0000	126.000
	yard levelling	2.000	40.000	3.500	0.300		84.000
	Total		- Selle	State of the state			210.000
				To	tal Quantit	y in cum	210.000
1.002	2.8.1	X					
	out the excavated sof 50 m.All kinds of Footing and pl	of soil		plus excavat	ted soil as di	rected, wi	thin a lead
	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						

Sl 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
				To	tal Quantity	y in cum	294.707
1.003	4.1.8						
	Providing and layi of centering and sl sand: 8 graded sto	nuttering -	All work up	to plinth lev	pecified gradel:1:4:8 (1 c	le excludi ement : 4	ng the cost coarse
	Footing and plintl	n beam					
	Footings F1type	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
	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						20.962
	Ramp and step	Г					
	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		1				
	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

Sl 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
				To	tal Quantity	y in cum	44.384
1.004	7.1.1						
	Random rubble ma up with cement co 20 mm nominal si sand)	ncrete 1:6	:12 (1 cemen	t: 6 coarse s	sand : 12 grad	ded stone	aggregate
	RR work below	outer plin	th beams	T	T	-	
	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
				To	tal Quantity	in cum	24.162
	Filling available ex foundation etc. in layer by ramming	layers not	exceeding 20	cm in deptl	n, consolidati	ing each o	of Jenosited
				O 50 III dild i	III up to 1.5	m.	icposited
	Basement			T		m.	
	Basement Stair	1.000	2.120	5.970	0.450	m.	5.695
				T		m.	
	Stair Stair Coference hall	1.000 1.000 1.000	2.120 2.520 18.650	5.970 5.970 5.970	0.450 0.450 0.450	m.	5.695 6.770 50.103
	Stair Stair Coference hall Verandah	1.000 1.000 1.000 1.000	2.120 2.520 18.650 31.270	5.970 5.970 5.970 2.000	0.450 0.450 0.450 0.450	m.	5.695 6.770
	Stair Stair Coference hall Verandah Toilets	1.000 1.000 1.000 1.000 1.000	2.120 2.520 18.650 31.270 2.120	5.970 5.970 5.970 2.000 3.950	0.450 0.450 0.450 0.450 0.450	m.	5.695 6.770 50.103
	Stair Stair Coference hall Verandah Toilets Toilets	1.000 1.000 1.000 1.000 1.000 1.000	2.120 2.520 18.650 31.270 2.120 5.100	5.970 5.970 5.970 2.000 3.950 3.950	0.450 0.450 0.450 0.450 0.450 0.450	m.	5.695 6.770 50.103 28.143 3.768 9.065
	Stair Stair Coference hall Verandah Toilets	1.000 1.000 1.000 1.000 1.000 1.000	2.120 2.520 18.650 31.270 2.120 5.100 2.480	5.970 5.970 5.970 2.000 3.950 3.950 1.880	0.450 0.450 0.450 0.450 0.450 0.450 0.450	m.	5.695 6.770 50.103 28.143 3.768 9.065 2.098
	Stair Stair Coference hall Verandah Toilets Toilets Ele Ramp	1.000 1.000 1.000 1.000 1.000 1.000	2.120 2.520 18.650 31.270 2.120 5.100	5.970 5.970 5.970 2.000 3.950 3.950	0.450 0.450 0.450 0.450 0.450 0.450	m.	5.695 6.770 50.103 28.143 3.768 9.065 2.098 5.063
	Stair Stair Coference hall Verandah Toilets Toilets Ele	1.000 1.000 1.000 1.000 1.000 1.000	2.120 2.520 18.650 31.270 2.120 5.100 2.480	5.970 5.970 5.970 2.000 3.950 3.950 1.880 1.500	0.450 0.450 0.450 0.450 0.450 0.450 0.450		5.695 6.770 50.103 28.143 3.768 9.065 2.098
	Stair Stair Coference hall Verandah Toilets Toilets Ele Ramp	1.000 1.000 1.000 1.000 1.000 1.000	2.120 2.520 18.650 31.270 2.120 5.100 2.480	5.970 5.970 5.970 2.000 3.950 3.950 1.880 1.500	0.450 0.450 0.450 0.450 0.450 0.450 0.450		5.695 6.770 50.103 28.143 3.768 9.065 2.098 5.063
1.006	Stair Stair Coference hall Verandah Toilets Toilets Ele Ramp	1.000 1.000 1.000 1.000 1.000 1.000	2.120 2.520 18.650 31.270 2.120 5.100 2.480	5.970 5.970 5.970 2.000 3.950 3.950 1.880 1.500	0.450 0.450 0.450 0.450 0.450 0.450 0.450		5.695 6.770 50.103 28.143 3.768 9.065 2.098 5.063 110.705
1.006	Stair Stair Coference hall Verandah Toilets Toilets Ele Ramp Total	1.000 1.000 1.000 1.000 1.000 1.000 1.000	2.120 2.520 18.650 31.270 2.120 5.100 2.480 7.500	5.970 5.970 5.970 2.000 3.950 3.950 1.880 1.500	0.450 0.450 0.450 0.450 0.450 0.450 0.450 o.450	y in cum	5.695 6.770 50.103 28.143 3.768 9.065 2.098 5.063 110.705 110.705

Sl 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 k	xilogram	10781.44
1.007	OD66676/2023-20)24					v
	25grade cement co as per approved de excluding the cost admixtures in reco concrete, improve direction of Engine 330 kg/ cum. Exce separately. All wo	esign mix, of centeri mmended workabili eer-in-cha ess or less	including pung, shuttering proportions ty without in rge. Note: C cement used	amping of co ag, finishing a as per IS: 91 as pairing stre ement conten	ncrete to site and reinforce .03 to accele ngth and dur nt considered	e of laying ement, inc rate, retar ability as I in this ite	g but luding d setting of per em is @
	Footing						
	Footings F1type 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			1 0000	0.000
	F1	18.000	0.400	0.700	1.000	1.0000	5.040
	F2	16.000	0.400	0.400	1.000	1.0000	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

Sl 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
				To	tal Quantity	y in cum	98.688
1.008	OD66819/2023-20)24					
	Providing and laying 25grade cement contains as per approved describing the cost admixtures in reconcrete, improve direction of Enging 330 kg/ cum. Excesseparately. All wo	oncrete for esign mix, of centerionmended workabiliteer-in-cha ess or less	reinforced c including pu ng, shuttering proportions ty without im rge. Note: Ce cement used	ement concr mping of co g, finishing a as per IS: 91 apairing streatement conter	ete work, usincrete to site and reinforce 03 to accelerate and durant considered	ng cemer of laying ment, inc rate, retar ability as in this ite	nt content but luding d setting of per em is @
	Column		AL BY	2414			
	GF ,FF and SF Column C1	3*18.0 00	0.300	0.600	3.600	1.0000 00	34.992
	do C2 -GF	1*16	0.300	0.300	3.600	1.0000 00	5.184
	do C2 -FF,SF	2*9	0.300	0.300	3.600	1.0000 00	5.832
	Head Room columns	4.000	0.300	0.600	3.000	1.0000 00	2.160
	Total						48.168
	Roof slab						
	do Roof slab	3.000	31.820	8.750	0.120	1.0000 00	100.233
	Porch	1.000	4.350	6.000	0.120	1.0000 00	3.132
	toilet	1.000	8.000	4.350	0.120	1.0000 00	4.176
	Deduction staircase	-3.000	4.450	2.520	0.120	1.0000 00	-4.037
	Deduction staircase	-3.000	4.450	2.120	0.120	1.0000 00	-3.396
	staircase Head room,Machine room	1.000	5.200	8.500	0.120	1.0000	5.304
	do	1.000	2.670	8.500	0.120	1.0000 00	2.723
	Total						108.135
	Beams		<u></u>		<u></u>		

Sl 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	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	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

Sl 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	e	,,				
	GF lintel	1.000	0.000	0.000	0.000	0.0000	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	0.488
	lintels-FF,SF	2*2	2.650	0.200	0.200	1.0000	0.424

Sl 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	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
	(T) (1)						7.483
	Total			_			
1.009	5.22A.6		e-PLATFORM	TO FOR THE M	tal Quantity	y in cum	279.403
1.009		ding all co	C work incluon	ding straight	tening, cuttir	ng, bendin	279.403 g, placing
1.009	5.22A.6 Steel reinforcement in position and bin	ding all co	C work incluon	ding straight	tening, cuttir	ng, bendin	279.403 g, placing
1.009	5.22A.6 Steel reinforcement in position and bin bars of grade Fe-50	ding all co	C work incluon	ding straight	tening, cuttir	ng, bendin	279.403 g, placing
1.009	5.22A.6 Steel reinforcement in position and bin bars of grade Fe-50 Above plinth	ding all co	C work incluomplete above	ding straight	tening, cuttir	ng, bendin Mechanica	g, placing ally Treated
1.009	5.22A.6 Steel reinforcement in position and bin bars of grade Fe-50 Above plinth Beam 140kg/m3 Column	ding all co 00D or mo	C work included the complete above the core 61.082	ding straight	tening, cuttir	140.00 0000	g, placing ally Treated 8551.480
1.009	5.22A.6 Steel reinforcement in position and bin bars of grade Fe-50 Above plinth Beam 140kg/m3 Column 150kg/m3	1.000	C work included the complete above the core of the cor	ding straight	tening, cuttir	140.00 0000 150.00 0000	279.403 g, placing ally Treated 8551.480 7225.200 10813.50
1.009	5.22A.6 Steel reinforcement in position and bin bars of grade Fe-50 Above plinth Beam 140kg/m3 Column 150kg/m3 Slab 100kg/m3	1.000 1.000	C work included by the complete above ore 61.082 48.168 108.135	ding straight	tening, cuttir	140.00 0000 150.00 0000 100.00 0000	279.403 g, placing ally Treated 8551.480 7225.200 10813.50 0
1.009	5.22A.6 Steel reinforcement in position and bin bars of grade Fe-50 Above plinth Beam 140kg/m3 Column 150kg/m3 Slab 100kg/m3 Stair 140kg/m3 Lintel and shade	1.000 1.000 1.000	C work included by the complete above ore 61.082 48.168 108.135	ding straight	tening, cuttir	140.00 0000 150.00 0000 100.00 140.00 0000	279.403 g, placing ally Treated 8551.480 7225.200 10813.50 0 2543.100
1.009	5.22A.6 Steel reinforcement in position and bin bars of grade Fe-50 Above plinth Beam 140kg/m3 Column 150kg/m3 Slab 100kg/m3 Stair 140kg/m3 Lintel and shade 100kg/m3 RCC tank	1.000 1.000 1.000 1.000	C work included by the correspondent of the corresp	ding straight	tening, cuttir	140.00 0000 150.00 0000 140.00 0000 140.00 0000 150.00	279.403 g, placing ally Treated 8551.480 7225.200 10813.50 0 2543.100 3637.000
1.009	5.22A.6 Steel reinforcement in position and bin bars of grade Fe-50 Above plinth Beam 140kg/m3 Column 150kg/m3 Slab 100kg/m3 Stair 140kg/m3 Lintel and shade 100kg/m3 RCC tank 150kg/m3	1.000 1.000 1.000 1.000	C work included by the correspondent of the corresp	ding straighte plinth leve	tening, cuttir	140.00 0000 150.00 0000 100.00 0000 140.00 0000 150.00 0000	279.403 g, placing ally Treated 8551.480 7225.200 10813.50 0 2543.100 3637.000 1122.450 33892.73

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity			
	Centering and shut footings, bases of c				removal of f	orm for:F	oundations,			
	Footings									
	F1- First footing	18*4	2.000	0.400		1.0000	57.600			
	F2 - do	16*4	1.400	0.350		1.0000	31.360			
	F1 -2nd footing	18*4	1.600	0.350		1.0000	40.320			
	F2 - do	16*4	1.000	0.350		1.0000	22.400			
	Total						151.680			
				To	tal Quantit	y in sqm	151.680			
1.011	5.9.3									
	Centering and shut floors, roofs, landing				removal of f	orm for:S	uspended			
	G.F Roof slab)	(41)	KR DII						
	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	26.100			
	GF toilet	1.000	8.000	4.350	M-4-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	1.0000	34.800			
	Deductions- Stair case	-3.000	4.450	2.520			-33.642			
	stair case portions	-3.000	4.450	2.120		1.0000	-28.302			
	Mid Landing	3.000	2.520	1.500		1.0000	11.340			
	Mid Landing	3.000	2.120	1.500		1.0000	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	22.695			
	RCC tank slab	1.000	5.100	2.730		1.0000	13.923			
	Total						935.929			
				To	tal Quantit	y 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									

Sl 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	13.500
	beam at Toilet	3*2	4.200	M FOR THE M	0.480	1.0000	12.096
	beam at Toilet- bottom	3*1	4.200	0.250		1.0000	3.150
	do	2.000	7.720		0.280	1.0000 00	4.323
	do bottom	1.000	7.720	0.250		1.0000	1.930
	Longitudinal beams	3*3*2	31.270		0.280	1.0000	157.601
	Longitudinal beams bottom	3*3*1	31.270	0.250		1.0000	70.358
	Porch	2*2	4.200		0.480	1.0000	8.064
	Porch bottom	2*1	4.200	0.250		1.0000	2.100
	Porch	2.000	5.470		0.480	1.0000	5.251
	Porch bottom	1.000	5.470	0.250		1.0000	1.368
	do stair top	3*2	2.770		0.280	1.0000	4.654
	do stair top bottom	3*1	2.770	0.250		1.0000	2.078

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

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity			
	longitudinal walls	5*2	4.850		0.200	1.0000	9.700			
	longitudinal walls	2*2*2	4.850		0.200	1.0000	7.760			
	longitudinal walls	2*2	5.150		0.200	1.0000	4.120			
	longitudinal walls	2*2	3.050		0.200	1.0000	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	0.451			
	Cross walls	6*2	5.600		0.200	1.0000 00	13.440			
	Cross walls toilet	4*2	4.200	in?	0.200	1.0000	6.720			
	Cross walls toilet	3*2	2.120		0.200	1.0000	2.544			
	verandah over pillars-GF,FF,SF	3*2	23.800		0.400	1.0000	57.120			
	do	3*2*2	2.000	۲ ال	0.400	1.0000	9.600			
	lintels-FF,SF	2*2*2	2.120	M FOR THE M WORKS	0.200	1.0000	3.392			
	lintels-FF,SF	2*2*3 *2	4.850		0.200	1.0000	23.280			
	lintels-FF,SF	2*2*2	5.150		0.200	1.0000	8.240			
	lintels-FF,SF	2*2*2	3.050		0.200	1.0000	4.880			
	lintels-FF,SF	2*2*2	2.650		0.200	1.0000	4.240			
	lintels-FF,SF	2*2*2	1.880		0.200	1.0000	3.008			
	Cross lintels- FF,SF	2*2*1 3	5.600		0.200	1.0000	58.240			
	Bath rooms	2*2*8	1.600		0.200	1.0000	10.240			
	Total				•		235.671			
				To	tal Quantit	y 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									

Sl 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	40	3.000	1.0000 00	21.600	
	Total		- 53				518.400	
				To	otal Quantity	y in sqm	583.600	
1.014	5.9.19		- Alba	The State of the S				
	Centering and shut shade, Chajjas, cor				removal of f	orm for:W	Veather	
	Sunshade		e-PLATFOR	M FOR THE M	ANAGEMENT			
	GF,FF,Sf Sun shade left and right side	2*3	7.400	0.600		1.0000	26.640	
	do front and back	2*3	31.270	0.600		1.0000	112.572	
	GF toilet portion	2.000	4.200	0.600		1.0000	5.040	
	Total			-			144.252	
				To	tal Quantit	y in sqm	144.252	
1.015	5.9.7							
	Centering and shut (excluding landing	ttering inc s) except	eluding strutti t spiral - stair	ing, etc. and cases)	removal of f	orm for:S	tairs,	
	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	

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	Step	3*2*1 2	1.050		0.150		11.340
	Total						93.468
				To	tal Quantity	y in sqm	93.468
1.016	5.9.16.1						
	Centering and shu Edges of slabs and					orm for:	
	Roof slab			<u> </u>			
	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
				Tota	al Quantity i	in metre	255.200
1.017	5.9.2		_//8	A.			
	Centering and shu thickness) including						
	RCC tank	4				Ī	
		2.000	9.830		1.500		29.490
			7.000		- 10 0 0		271170
	Total						29.490
	Total		OF PUBLIC W	AORKS TO	otal Quantity	y in sqm	
1.018	Total 50.6.2.2		E PUATFORN	VORKS TO		y in sqm	29.490
1.018		ize confirm	solid blocks	(factory ma	otal Quantity de) of size 3 1979 for sup	0x20x15c	29.490 29.490 em or re up to
1.018	50.6.2.2 Solid masonry usinearest available s floor two level witcomplete GF	ize confirm	solid blocks	(factory ma	otal Quantity de) of size 3 1979 for sup	0x20x15c	29.490 29.490 em or re up to
1.018	50.6.2.2 Solid masonry usinearest available s floor two level wit complete	ize confirm	solid blocks	(factory ma	otal Quantity de) of size 3 1979 for sup	0x20x15c	29.490 29.490 em or re up to
1.018	50.6.2.2 Solid masonry usinearest available s floor two level witcomplete GF Conference hall	ize confirm th thicknes	solid blocks ning to IS 218 s 15cm in : C	(factory ma 35 part I of M 1:6 (1 ce	de) of size 3 1979 for superment : 6 coa	0x20x15c	29.490 29.490 em or re up to etc
1.018	50.6.2.2 Solid masonry usinearest available s floor two level witcomplete GF Conference hall long wall Conference hall	ize confirm th thicknes	solid blocks ning to IS 218 s 15cm in : C	(factory ma 85 part I of M 1:6 (1 ce	de) of size 3 1979 for superment : 6 coa	0x20x15c	29.490 29.490 em or re up to etc
1.018	50.6.2.2 Solid masonry usinearest available sfloor two level witcomplete GF Conference hall long wall Conference hall long wall Conference hall	2*2 2.000	solid blocks ning to IS 218 s 15cm in : C	(factory ma 35 part I of M 1:6 (1 ce 0.200	de) of size 3 1979 for superment: 6 coa 3.480	0x20x15c	29.490 29.490 em or re up to etc 13.363 7.099
1.018	50.6.2.2 Solid masonry usinearest available sfloor two level witcomplete GF Conference hall long wall Conference hall long wall Conference hall long wall	2*2 2.000 2.000	4.800 5.100 3.000	(factory ma 35 part I of 3 M 1:6 (1 ce 0.200 0.200	de) of size 3 1979 for superment : 6 coa 3.480 3.480	0x20x15c	29.490 29.490 em or re up to etc 13.363 7.099 4.176
1.018	50.6.2.2 Solid masonry usinearest available s floor two level wit complete GF Conference hall long wall Conference hall long wall Conference hall long wall Pantry	2*2 2.000 2.000 2.000	4.800 3.000 4.800	(factory ma 85 part I of M 1:6 (1 ce 0.200 0.200 0.200 0.200	de) of size 3:1979 for superment : 6 coa 3:480 3:480 3:480	0x20x15c	29.490 29.490 em or re up to etc 13.363 7.099 4.176 6.682
1.018	50.6.2.2 Solid masonry usinearest available sfloor two level witcomplete GF Conference hall long wall Conference hall long wall Conference hall long wall Pantry stair	2*2 2.000 2.000 2.000 2.000	4.800 3.000 4.800 2.070	0.200 0.200 0.200 0.200	3.480 3.480 3.480 3.480	0x20x15c	29.490 29.490 em or re up to etc 13.363 7.099 4.176 6.682 2.881
1.018	50.6.2.2 Solid masonry usinearest available s floor two level witcomplete GF Conference hall long wall Conference hall long wall Conference hall long wall Pantry stair	2*2 2.000 2.000 2.000 2.000 2.000	4.800 3.000 4.800 2.070 2.470	(factory ma 35 part I of 1 M 1:6 (1 ce 0.200 0.200 0.200 0.200 0.200 0.200	3.480 3.480 3.480 3.480 3.480 3.480	0x20x15c	29.490 29.490 em or re up to etc 13.363 7.099 4.176 6.682 2.881 3.438 3.821
1.018	50.6.2.2 Solid masonry usinearest available sifloor two level witcomplete GF Conference hall long wall Conference hall long wall Conference hall long wall Pantry stair stair Ele,Lift room	2*2 2.000 2.000 2.000 2.000 3.000	4.800 4.800 3.000 4.800 2.070 2.470 1.830	0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200	3.480 3.480 3.480 3.480 3.480 3.480 3.480 3.480	0x20x15c	29.490 29.490 em or re up to etc 13.363 7.099 4.176 6.682 2.881 3.438
1.018	50.6.2.2 Solid masonry usinearest available safloor two level witcomplete GF Conference hall long wall Conference hall long wall Conference hall long wall Pantry stair stair Ele,Lift room cross walls	2*2 2.000 2.000 2.000 2.000 3.000 6.000	4.800 4.800 5.100 3.000 4.800 2.070 2.470 1.830 5.600	0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200 0.200	3.480 3.480 3.480 3.480 3.480 3.480 3.480 3.480 3.480	0x20x15c	29.490 29.490 em or re up to etc 13.363 7.099 4.176 6.682 2.881 3.438 3.821 23.386

Sl 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						1
	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

Sl 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
				To	tal Quantity	in cum	160.680
1.019	50.6.2.3		a Ski				
	or nearest availabl floor two level upt coarse sand) etc co SF	o floor fiv	firming to IS ve level with	thickness 15	of 1979 for such that is the contract of the c	uper struc :6 (1 cer	cture above ment : 6
	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	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

Sl 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 p	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	V			_ 드		39.264
	Head room Deduc	tion	e-PLATFOR	M FOR THE M	ANAGEMENT		
	D2	-2.000	0.900	0.200	3.000		-1.080
	Total						-1.080
				To	tal Quantity	y in cum	121.635
1.020	13.1.1						
	12 mm cement pla	ster of mix	x:1:4 (1 cem	ent: 4 fine s	and)		
	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

Sl 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		-8				
	Back	1.000	31.500	26141	4.050		127.575
	Sides	2.000	12.630	POST CO.	4.050		102.303
	front	1.000	31.500	210	1.500		47.250
	front	1.000	31.500		1.500		47.250
	Shade top	2.000	13.800	0.600	ANAGEMENT		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

Sl 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		Δ	1			_
	Back	2.000	31.500	520	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	711	0.600		22.560
	Shade top front and back	2*2	31.500	A FOR THE N	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 sid	de			<u> </u>		
		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

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity					
	Total						186.975					
				To	otal Quantit	y 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					
				To	otal Quantit	y in sqm	291.669					
1.022	13.16.1		-6.0									
	6 mm cement plas	ter of mix	:1:3 (1 ceme	ent: 3 fine sa	nd)							
	Ceiling		1000	Parket.								
	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	ANAGEMENT		-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					
				To	otal Quantit	y in sqm	735.782					
1.023	22.5											

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity			
	Providing and laying water proofing treatment in sunken portion of WCs, bathrodetc., 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 water proofing cement compound @ 0.253 kg/sqm. This layer will be allowed to 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 cure for 4 hours followed with water curing for 48 hours. The rate includes prepar of surface, treatment and sealing of all joints, corners, junctions of pipes and mass 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			
				To	otal Quantit	y 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	100		7						
	Door D1 Horizontals	14*1	1.300	0.120	0.075	1.0000	0.164			
	do verticals	14*2	2.175	0.120	0.075	1.0000	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			
				To	otal Quantit	y 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 0f 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	4.400			
	Door shutter G F,FF,SF-D1	14.000	0.925	2.200		1.0000	28.490			
	Total									
	Total Quantity in sqm									

Sl 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 glazed shutters for doors, windows and clerestory windows (Area of opening inserts excluding portion inside grooves or rebates to be measured) paneling paneled or paneled and glazed shutters 25 mm to 40 mm thick using good of 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			
				To	otal Quantit	y 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	3-16	1.650	18.700 000	786.803			
	do W4	19.000	2.000	< L	1.650	18.700 000	1172.490			
	ventilators V1	9.000	0.450	WORKS	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									
				,	Total Quant	ity in kg	3877.245			
1.028	9.147D.3									

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	Providing and fixing 1.50 m in height distributed in the roller track and satisfactorial states are according to the advantage and uPVC expowder coated) to the finished wall and the mitted cut and the required size and direction of Engines alent shall be part Note: For uPVC finite, in depth & window made of (thickness of 2.3 +/appropriate dimentage and satisfactorial states are appropriate dimentage.	imension ish extruded eel section of uPVC positive to uPVC positive to uch locks apacity appropriate and separate	comprising of the profiles due of profiles due of made from profile), approprieterlocks, EP with hook, z be 40 kg), G ry stainless solded at all cowater etc. Af be filled with proved quality, arge. (Single ely) sash extruded ile shall be a frame 67 x and single glea of window	of uPVC multiply reinforced roll forming operate dimer DM gasket, inc alloy book. I fasteners 1 teel screws of the fixing france weather professional complete / double gland profiles min cceptable. Tw 50 mm & salazing bead /	ti-chambered with 1.60 + process of rasion of uPV wool pile, zinly with single 00 x 8 mm setc. Profile of ing drilling of me the gap boof silicon see as per appross panes, wirmus 5% toler wo track two sh 46 x 62 m double glazi	d frame well-0.2 mm equired le C extrudence alloy (se nylon roize for fix frame & of holes for etween fralent over drawn emesh ar ance in dipanels slim both haing bead of	ith in-built in thick ength (shape ed glazing white ollers sing frame sash shall or fixing rame and r backer rodying & and silicon mension ding aving wall
	uPVC white colo	ur sliding	window	300/200		T	
	Window W3 - GF,FF,SF	13.000	1.500	3-16	1.650		32.175
	Total						
	Total Quantity in sqm						
1.029	9.147E.1				-	_	

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity	
	Providing and fixing above 1.50 m in he frame with in-built with 1.60 +/- 0.2 m forming process of appropriate dimen interlocks and uPV gasket, wool pile, extreme panel alor transmission gear with hook (if requibody with adjustable 120 kg), G.I fasternecessary stainless cut and fusion well hardware's and draadjacent finished vealent over backe complete as per ap (Single / double gl separately). Note: For uPVC fr dimension i.e. in desiding window mathaving wall thicknown appropriate dimension to the control of	eight dime t roller tra nm thick a f required sion of uF /C extrud- zinc alloy ng with zin with keep ired for wo ble doubled ers 100 x s steel screed deat all tinage of very vall shall r rod of resproved drass panes rame and seepth & wo ade of (big ess of 2.3) ension. (A	ension compreck and sash of galvanized manager (shape VC extruded ed Inline sash (white power plated miles, zinc alloy ire mesh panager (shape ed Inline sash extra ed Inline sash extruded ed Inline sash extruded idth of profiling series) frank en	rising of uPV extruded pro- cild steel sector & size according glazing beath adaptor (if der coated) had steel multi (white powdel), stainless is (weight beator fixing frame auding drilling ter fixing frame and of approvection of Engand silicon section section of Engand silicon section sectio	C multi-cha files duly rei ion made fro ording to uP' ds, uPVC ex required), El andle on one point lockin er coated) to steel (SS 30 aring capacit me to finished & sash shall g of holes for me the gap boof silicon wed quality, a gineer-in-Cha ealent shall b nus 5% tolera ceptable. Two m & sash 46 azing bead /	mbered nforced om roll VC profile truded PDM side of g having uch lock 4 grade) y to be d wall and be mitred r fixing between frull arge. The paid ance in track two x 62 mm double gl	e), I ame and o panels both azing bead	
	UPVC White colour sliding window window W4 G.F,FF,SF 19.000 2.000 1.650							
Total							62.700	
	Total Quantity in sqm						62.700	
1.030	9.147B.1							

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity	
	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 u	upto 0.75	sqm.)			-		
	Ventilation Ventilator V1 G.F,FF,SF	9.000	0.450	K IL	0.450		1.823	
	Ventilator V4 G.F,FF,SF	3.000	1.800	WORKS	0.450		2.430	
	Total							
	Total Quantity in sqm							
1.031	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 unsaturate 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,FFToilet doors D3 Vertical	10*2	2.250			1.0000	45.000	
	do Hori	10.000	0.800			1.0000 00	8.000	
	Total							
	Total Quantity in metre							
1.032	9.122.1							

Sl 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			
				To	otal Quantity	y 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		-odit	The state of the s						
	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	ANAGEMENT		79.360			
	Total						111.574			
				To	otal Quantit	y 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				<u> </u>	1				
	GF Toilets	2*2	4.200		1.800	1.0000	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			

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity					
	Total						227.412					
				To	otal Quantit	y in sqm	227.412					
1.035	11.41.3											
	the manufacturer) 15622, of approve mortar 1:4(1 ceme	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										
	Vitrifiede 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	ANAGEMENT		16.200					
	verandah	3.000	31.500	2.030			191.835					
	Total						640.971					
				To	otal Quantit	y in sqm	640.971					
1.036	11.46.3											
	Providing and layi manufacturer), wit of approved make bed of cement mon white cement & m	h water al , in all co tar 1:3 (1	bsorption les lours & shad cement : 3 c	s than 0.08 % e, in skirting oarse sand),	6 and confor , riser of step including gro	ming to I. os, over 12 outing the	S. 15622, 2 mm thick joint with					
	Skirting					 						
	skirtings- Room1,2,3,4,5,6	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					

Sl 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
				To	tal Quantity in	sqm	57.360
1.037	8.2.2.2		083				
	cement, mixed wit moulding and poli levels.Area of slab Granite slab over dressing	shing to e over 0.50	dges to give	high gloss fir	nish etc. complete	e at a	11
	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
				To	tal Quantity in	sqm	15.345
1.038	8.3.2						
	Providing edge moincluding machine design approved b	polishing	to edge to g	ive high glos	s finish etc. com		
	Granite slab edge	moulding	g		ı		
	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
				Tota	al Quantity in m	etre	21.900
1 039	10.28			<u> </u>			<u> </u>

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity					
	channels, plates et curvature (whereve and bolts complete dash fasteners, stai side of waist slab ve (for payment purpo	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		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	M.		6.8000 00	8.160					
	GF,FF,SF Verandah - hand rails	2*3	29.000	347		6.8000	1183.200					
	Total			3-16			1667.360					
		X			Total Quant	ity in kg	1667.360					
1.040	Providing 40x5 mm diameter bolts 30x10x15 cm 1:3:0 nominal size)	, nuts and	l wooden plu	gs and embe	ddings in cei	nent conc	rete block					
	Providing 40x5	mm flat i	ron hold fast									
	Doors	16*2* 4				1.0000	128.000					
	Total						128.000					
				To	tal Quantity	y in each	128.000					
1.041	9.63.2											
	Providing and fixing with necessary screen				bolt black fi	inish, (Baı	rel type)					
	MS Tower bolt											
	Door G.F, F.F, S.F	30*3				1.0000	90.000					
	Total						90.000					
					Total Quant	ity in no	90.000					
1.042	9.76				~							
	Providing and fixing and a pair of lever											

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity	
	Latch & amp; lock							
	G.F ,FF SF	18.000				1.0000	18.000	
	Total						18.000	
				ı	Total Quant	tity in no	18.000	
1.043	9.100.1							
	Providing and fixing aluminium handles, ISI marked, anodised (anodic coatin less than grade AC 10 as per IS: 1868) transparent or dyed to required colour shade, with necessary screws etc. complete:125 mm							
	Aluminium handl	es						
	G.F & F.F ,SF	30*2					60.000	
	Total						60.000	
				I	Total Quant	tity in no	60.000	
1.044	9.89		Л	W				
	Providing and fixi necessary screws			rass night lat	ch of approv	ed quality	including	
	Providing and fiu	ixing chro	omium plate	d brass nihg	ht latch			
	Door G.F ,FF SF	6*3		-			18.000	
	Total						18.000	
	Total	M	e-PLATFOR OF PUBLIC	M FOR THE M	Total Quant	tity in no	18.000 18.000	
1.045	Total 9.84		e-PLATFOR OF PUBLIC	M FOR THE M	Total Quant	tity in no		
1.045		ser (havin 36 kg to 80	g brand logo 0 kg and doo	d section boo with ISI, IS or width form	ly tubular ty _l : 3564, emb 1701 mm to	pe univers ossed on t 1000 mm)	al he body, with	
1.045	9.84 Providing and fixi hydraulic door clo door weight upto 3	ser (havin 36 kg to 80	g brand logo 0 kg and doo	d section boo with ISI, IS or width form	ly tubular ty _l : 3564, emb 1701 mm to	pe univers ossed on t 1000 mm)	al he body, with	
1.045	9.84 Providing and fixi hydraulic door clo door weight upto 3 double speed adjusting the speed adjusting t	ser (havin 36 kg to 80	g brand logo 0 kg and doo	d section boo with ISI, IS or width form	ly tubular ty _l : 3564, emb 1701 mm to	pe univers ossed on t 1000 mm)	al he body, with	
1.045	9.84 Providing and fixi hydraulic door cloor weight upto 3 double speed adjust Door closer	ser (havin 36 kg to 80 stment wi	g brand logo 0 kg and doo	d section boo with ISI, IS or width form	ly tubular ty _l : 3564, emb 1701 mm to	pe univers ossed on t 1000 mm)	al he body, with te.	
1.045	9.84 Providing and fixi hydraulic door cloor weight upto 3 double speed adjust Door closer suit room	ser (havin 36 kg to 80 stment wi	g brand logo 0 kg and doo	d section boo with ISI, IS or width form accessories a	ly tubular ty _l : 3564, emb 1701 mm to	ossed on t 1000 mm) tc. comple	al he body, with tee.	
	9.84 Providing and fixi hydraulic door cloor weight upto 3 double speed adjust Door closer suit room	ser (havin 36 kg to 80 stment wi	g brand logo 0 kg and doo	d section boo with ISI, IS or width form accessories a	ly tubular typ : 3564, emb 1701 mm to and screws e	ossed on t 1000 mm) tc. comple	18.000 al he body, with te. 18.000 18.000	
	9.84 Providing and fixi hydraulic door cloor door weight upto 3 double speed adjust Door closer suit room Total	ser (havin 36 kg to 86 stment wit 3*6	g brand logo) kg and doo th necessary thinnable cei	d section boo o with ISI, IS or width form accessories a	ly tubular typ : 3564, emb : 701 mm to and screws e	pe univers ossed on t 1000 mm) tc. comple	18.000 al he body, with ste. 18.000 18.000 18.000	
	9.84 Providing and fixi hydraulic door cloor door weight upto 3 double speed adjust Door closer suit room Total 13.43.1 Applying one coat	ser (havin 36 kg to 86 stment wit 3*6	g brand logo) kg and doo th necessary thinnable cei	d section boo o with ISI, IS or width form accessories a	ly tubular typ : 3564, emb : 701 mm to and screws e	pe univers ossed on t 1000 mm) tc. comple	18.000 al he body, with ste. 18.000 18.000 18.000	
	9.84 Providing and fixi hydraulic door cloor door weight upto 3 double speed adjust Door closer suit room Total 13.43.1 Applying one coat manufacture on weight upto 3 double speed adjust Door closer suit room	ser (havin 36 kg to 86 stment wit 3*6	g brand logo) kg and doo th necessary thinnable cei	d section boo b with ISI, IS or width form accessories a	ly tubular typ : 3564, emb : 701 mm to and screws e	pe univers ossed on t 1000 mm) tc. comple	18.000 al he body, with tee. 18.000 18.000	
	9.84 Providing and fixi hydraulic door cloor door weight upto 3 double speed adjust Door closer suit room Total 13.43.1 Applying one coat manufacture on we Inside primer	ser (havin 36 kg to 86 stment wit 3*6	g brand logo h kg and doo th necessary thinnable cen water thinn	d section boo o with ISI, IS or width form accessories a	ly tubular typ : 3564, emb 1701 mm to and screws e Total Quant of approved primer	be universossed on to 1000 mm) tc. completity in no	18.000 al he body, with ste. 18.000 18.000 171.144	
	9.84 Providing and fixi hydraulic door clo door weight upto 3 double speed adjust Door closer suit room Total 13.43.1 Applying one coat manufacture on we Inside primer Conference hall	ser (havin 36 kg to 86 stment with 3*6	g brand logo 0 kg and doo th necessary thinnable cene: Water thinnable	d section boo o with ISI, IS or width form accessories a	ly tubular typ: 3564, emb 1701 mm to and screws embedding to the screws of approved primer 3.600	be universossed on to 1000 mm) tc. completity in no	18.000 al he body, with ste. 18.000 18.000 171.144	
	9.84 Providing and fixi hydraulic door clo door weight upto 3 double speed adjust Door closer suit room Total 13.43.1 Applying one coat manufacture on we Inside primer Conference hall Conference hall	ser (havin 36 kg to 86 stment with 3*6 and surface 2.000 2.000	g brand logo 0 kg and doo th necessary thinnable cere: Water thinn 23.770 5.970	d section boo o with ISI, IS or width form accessories a	ly tubular typ: 3564, emb a 701 mm to and screws e Total Quant of approved primer 3.600 3.600	be universossed on to 1000 mm) tc. comple	18.000 al he body, with ste. 18.000 18.000 18.000 171.144 42.984	
	9.84 Providing and fixi hydraulic door cloor cloor weight upto 3 double speed adjust Door closer suit room Total 13.43.1 Applying one coat manufacture on was Inside primer Conference hall Conference hall Pantry	3*6 2.000 2.000 2.000	g brand logo h kg and doo th necessary thinnable cere: Water thinn 23.770 5.970 4.870	d section boo o with ISI, IS or width form accessories a	ly tubular typ: 3564, emb a 701 mm to and screws embedding to and screws embedding to a screw embedding to a s	be universossed on to 1000 mm) tc. completity in no	18.000 al he body, with ste. 18.000 18.000 18.000 171.144 42.984 35.064	

Sl 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	2411	2.250		-4.500
	Deduction W3	-7*0.5	1.500	BARES.	1.650		-8.663
	Deduction W4	-9*0.5	2.000	210	1.650		-14.850
	Deduction V4	-3*0.5	1.800		0.450		-1.215
	Total		e-PLATFORM	M FOR THE MA	ANAGEMENT		802.827
	ceiling		OF PUBLIC V	VORKS			1
	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

Sl 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	1	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	M FOR THE M	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
				To	otal Quantity	y in sqm	3369.072
1.047	Providing and app approved brand an surface even and s	d manufa	cturer, over th	ed putty of a	average thick	ness 1 mi	m, of
			r - Out side				
	front side - over lintel level	1.000	19.150		1.230		23.555

Sl 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	ANAGEMENT		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
	FF - 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

Sl 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	ANAGEMENT		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	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

Sl 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		M FOR THE M	ANAGEMENT	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
				To	tal Quantity	y in sqm	1075.778
1.048	Finishing walls wi or more coat applie primer applied @ 2	ed @ 1.67	ltr/10 sqm o				
	Exeterior						

Sl 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
	Exeterior FF,SF			-0.	<u> </u>		
	Back	2.000	31.500		3.600		226.800
	Sides	2*2	8.200	ROLL	3.600		118.080
	Front	2.000	31.500	Shippers .	1.500		94.500
	Shade top sides	2*2	9.400	3-	0.600		22.560
	Shade top front and back	2*2	31.500	A FOR THE MA	0.600		75.600
	deduction W4	2*5*0. 5	2.000	VORKS	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 Exete	rior					
		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
				To	tal Quantity	y in sqm	1037.524
1.049	13.60.1						
	Wall painting with an even shade:Two				l brand and n	nanufactu	re to give
	Inside painting						
	Conference hall	2.000	23.770		3.600		171.144

Sl 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	-5)	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	M FOR THE M	2.250		-5.400
	Deduction D1	-2.000	1.000	WORKS	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

Sl 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	la D	1.500		12.000
	Extra for column proection	1.000	10.000	524			10.000
	Deduction D1	-2*5	1.000	Parkets.	2.250		-22.500
	Deduction D3	-2*4	0.900	210	2.250		-16.200
	Deduction W4	2*5*0. 5	2.000	M FOR THE M	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			<u></u>			3369.072
				To	tal Quantity	in sqm	3369.072
1.050	13.61.1						
	Painting with synt even shade:Two or	hetic enan r more coa	nel paint of a	pproved brar ork	nd and manuf	facture to	give an
	Synthetic enamel	painting					
	door D1	14.000	1.000		2.250	2.2500	70.875

Sl 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
			-6.	To	otal Quantit	y in sqm	137.582
1.051	16.68		1478	2411			
	sand etc. all compl Interlock Paver front and back	block	OF PUBLIC	WORKS	r-ın-cnarge.		150 000
		2.000	30.000	2.500			150.000
	yard sides	2.000	12.000	2.500			60.000
	Total	2.000	12.000	2.300			210.000
	10441	Total Quantity in sqm					
1.052	OD16407/2024-20	125			otai Quantit	y in sqiii	210.000
1.032	Providing and layi specified by the macement mortar 1:4 cement and matchi	ng Endura anufacture (1 cemen	er) with in all t: 4 coarse s	l colours and and), includi	l shades, laid	on 20 mr	n thick
	Porch tile					1 0000	
	Porch flooring	1.000	4.060	5.560		1.0000	22.574
	do - front and back sides	2.000	4.060	0.900		1.0000	7.308
	Ramp	1.000	6.000	1.500			9.000
	Ramp landing	1.000	1.500	1.500			2.250
	Total						41.132
				To	otal Quantit	y in sqm	41.132

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity					
2	WATER SUPPLY	AND SA	NITARY A	RRANGEM	ENTS							
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	6.000					
	do	1.000	2.500			1.0000	2.500					
	F.F toilets	2.000	3.000			1.0000	6.000					
	do	1.000	2.500			1.0000	2.500					
	Total		- 3				17.000					
			(d. 13)	Tota	al Quantity	in metre	17.000					
	of joints complete External work- Ex PVC Pipes G.F toilet lines	3.000	0.600	gineer-in-Cha	arge 110 mm	i dia 6 Kg	1.800					
	do- F.F rain water down pipes	3.000 4.000	4.200 7.650				12.600 30.600					
	Total						45.000					
				Tota	al Quantity	in metre	45.000					
2.003	50.18.9.9.1				<u> </u>		10,000					
	Providing and fixing solvent cement, tree engineer in charge	enching, re	efilling & tes	sting of Joint	f pipes with s complete a	one step F s per direc	PVC etion of					
	Pipes			1								
	110 mm pipe to septic tank	1.000	60.000			1.0000	60.000					
	Total						60.000					
	Total Quantity in metre											
2.004	50.18.9.10.1											
	Providing and fixing cement, trenching in Charge. 150 mm	, refilling	& testing of	gs jointing o joints compl	f pipes with ete as per dir	one step prection of	ovc solvent Engineer					

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity				
	from M.H to seption	c tank									
	from M.H to septic tank	1.000	15.000				15.000				
	Total						15.000				
				Tot	al 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/cm2										
	PVC Pipes										
	75 mm consealed lines	1.000	20.000				20.000				
	Total						20.000				
				Tot	al Quantity	in metre	20.000				
2.006	50.18.9.8.1		ATA	9 464)							
	Providing and fixi solvent cement, tre Engineer in Charg PVC Pipes	enching, r	efilling & tes	ting of joints							
	75 mm pipe to waste pit	1.000		M FOR THE M WORKS	ANAGEMENT		30.000				
	Total						30.000				
				Tot	al Quantity	in metre	30.000				
2.007	50.18.9.18.1										
	Providing and fixi spacing. This inclu of joints complete External work- Ex	ided joint as per dir	ing of pipes vection of Eng	with one step	PVC solver	nt cement	and testing				
	PVC Pipes		ı								
	75 mm pipes	1.000	60.000				60.000				
	Total						60.000				
				Tot	al 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/cm2										
	PVC Pipes		Т		<u> </u>	<u> </u>					
	50 mm water lines	1.000	30.000				30.000				
	Total						30.000				

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity	
				Tot	al Quantity	in metre	30.000	
2.009	50.18.9.16.2							
	Providing and fixing spacing. This in cement and testing dia 6Kgf/cm2 - Ex	cludes joi g of joints	nting of pipe complete as	es & fittings per direction	with one step	PVC sol	vent	
	PVC Pipes							
	50 mm pipe	1.000	30.000				30.000	
	Total						30.000	
				Tot	al Quantity	in metre	30.000	
2.010	50.18.9.15.2							
	Providing and fixing PVC pipes, fittings including fixing the pipe with clamm spacing. This includes jointing of pipes & fittings with one step PVC solv cement and testing of joints complete as per direction of Engineer-in-Charge dia 6 Kgf/cm2 - External work - Exposed on wall							
	PVC Pipes 40 mm pipe	1.000	25.000				25.000	
	Total	1.000	25.000				25.000	
	10441			Tot	al Quantity	in metre	25.000	
2.011	50.18.9.5.2		- 01 47000	1000	ur Quarter,	111 111001 0	20,000	
	Providing and fixing solvent cement, tree Engineer in Charg	enching, r	efilling & tes	sting of joint				
	PVC Pipe	Г			Γ	ı		
	40mm pipe	1.000	30.000				30.000	
	Total						30.000	
				Tot	al Quantity	in metre	30.000	
2.012	50.18.7.2.2							
	Providing and fixing m spacing. This in cement and testing dia 10 Kgf/cm2- In	cludes joi g of joints	nting of pipe complete as	es & fittings y per direction	with one step	PVC sol	vent	
	PVC Pipes					,		
	20 mm pipe	1.000	10.000				10.000	
	Total						10.000	
				Tot	al Quantity	in metre	10.000	
2.013	50.18.7.3.2							
	Providing and fixing spacing. This in cement and testing dia 10Kgf/ cm2- In	cludes joi g of joints	nting of pipe complete as	es & fittings per direction	with one step	PVC sol	vent	

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity			
	PVC Pipes					-				
	25 mm pipe	1.000	30.000				30.000			
	Total						30.000			
				Tot	al 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/cm2 - internal work- Exposed on wall									
	PVC Pipes	Г			<u> </u>	ı	Γ			
	32 mm pipe	1.000	15.000				15.000			
	Total						15.000			
				Tot	al Quantity	in metre	15.000			
2.015	50.18.8.2.2		1	W\						
	Providing and fixi m spacing. This in cement and testing Concealed work, i 10 Kgf/ cm2 PVC Pipes	cludes joi g of joints	nting of pipe complete as	s & fittings per direction	with one step of Engineer	PVC solution PVC s	vent ge.			
	20 mm pipe		e-PLATFOR	M FOR THE N	ANAGEMENT		T			
		1 0001	10.000				10.000			
		1.000	10.000	WORKS			10.000			
	Total	1.000	10.000	WORKS	al Quantity	in metre	10.000			
2.016		1.000	10.000	Tot	al Quantity	in metre	10.000			
2.016	Total	ng PVC p cludes joi g of joints	ipes, fittings nting of pipe complete as	including fix s & fittings per direction	king the pipe with one step of Engineer	with clan PVC sol	10.000 10.000 nps at 1.00 vent ge.			
2.016	Total 50.18.8.3.2 Providing and fixi m spacing. This in cement and testing Concealed work, i	ng PVC p cludes joi g of joints	ipes, fittings nting of pipe complete as	including fix s & fittings per direction	king the pipe with one step of Engineer	with clan PVC sol	10.000 10.000 nps at 1.00 vent ge.			
2.016	Total 50.18.8.3.2 Providing and fixim spacing. This in cement and testing Concealed work, i 10kgf/cm2	ng PVC p cludes joi g of joints	ipes, fittings nting of pipe complete as	including fix s & fittings per direction	king the pipe with one step of Engineer	with clan PVC sol	10.000 10.000 nps at 1.00 vent ge.			
2.016	Total 50.18.8.3.2 Providing and fixim spacing. This in cement and testing Concealed work, i 10kgf/cm2 PVC p	ng PVC p cludes joi g of joints ncluding o	ipes, fittings nting of pipe complete as cutting chase	including fix s & fittings per direction	king the pipe with one step of Engineer	with clan PVC sol	10.000 10.000 mps at 1.00 vent ge. 5 mm pipe			
2.016	Total 50.18.8.3.2 Providing and fixi m spacing. This in cement and testing Concealed work, i 10kgf/cm2 PVC p 25 mm pipe	ng PVC p cludes joi g of joints ncluding o	ipes, fittings nting of pipe complete as cutting chase	including fix s & fittings per direction s and makin	king the pipe with one step of Engineer	with cland PVC solutions of PVC solutions of the classical etc. 25	10.000 10.000 nps at 1.00 vent ge. mm pipe 45.000 45.000			
2.016	Total 50.18.8.3.2 Providing and fixi m spacing. This in cement and testing Concealed work, i 10kgf/cm2 PVC p 25 mm pipe	ng PVC p cludes joi g of joints ncluding o	ipes, fittings nting of pipe complete as cutting chase	including fix s & fittings per direction s and makin	xing the pipe with one step of Engineer g good the w	with cland PVC solutions of PVC solutions of the classical etc. 25	10.000 10.000 nps at 1.00 vent ge. mm pipe 45.000 45.000			
	Total 50.18.8.3.2 Providing and fixim spacing. This in cement and testing Concealed work, i 10kgf/cm2 PVC p 25 mm pipe Total	ng PVC p cludes joi g of joints ncluding of 1.000	ipes, fittings nting of pipe complete as cutting chase 45.000 ipes, fittings nting of pipe complete as	including fix s & fittings per directions and making the second s	xing the pipe with one step of Engineer g good the warms al Quantity wing the pipe with one step of Engineer	in metre with clans PVC sol r-in-Charg rall etc. 25	10.000 10.000 nps at 1.00 yent ge. 5 mm pipe 45.000 45.000 45.000 ups at 1.00 yent ge.			
	Total 50.18.8.3.2 Providing and fixim spacing. This in cement and testing Concealed work, i 10kgf /cm2 PVC p 25 mm pipe Total 50.18.8.4.1 Providing and fixim spacing. This in cement and testing Concealed work, i	ng PVC p cludes joi g of joints ncluding of 1.000	ipes, fittings nting of pipe complete as cutting chase 45.000 ipes, fittings nting of pipe complete as	including fix s & fittings per directions and making the second s	xing the pipe with one step of Engineer g good the warms al Quantity wing the pipe with one step of Engineer	in metre with clans PVC sol r-in-Charg rall etc. 25	10.000 10.000 nps at 1.00 yent ge. 5 mm pipe 45.000 45.000 45.000 ups at 1.00 yent ge.			

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity			
	Total						20.000			
				Tot	al Quantity	in metre	20.000			
2.018	50.18.9.4.2									
	Providing and fixing cement, trenching, Charge. 32 mm dia	refilling	& testing of	gs joints of points comple	pipes with or ete as per dir	ne step PV rection of l	C solvent Engineer in			
	PVC Pipes 32 mm pipe									
	32 mm pipe 1.000 90.000									
	Total									
	Total Quantity in metre									
2.019	50.18.9.13.2									
	Providing and fixing spacing. This in cement and testing dia 10 Kgf/cm2- E	cludes joi g of joints	nting of pipe complete as	s & fittings very per direction	with one step	PVC sol	vent			
	PVC Pipes		4			I I				
	25 mm pipe	1.000	60.000	THE PARTY OF			60.000			
	Total			3-16			60.000			
				Tot	al Quantity	in metre	60.000			
2.020	50.18.9.14.2		e-PLATFOR	M FOR THE M	IANAGEMENT					
	Providing and fixing spacing, this income and testing of joint Kgf/cm2 - External	cludes joir ts comple	nting of pipes te as per dire	s & fittings we ction of Eng	ith one step	PVC solv	ent cement			
	PVC Pipes					· · · · · ·				
	32 mm pipe	1.000	72.000				72.000			
	Total						72.000			
				Tot	al 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			
				Tot	al Quantity	in metre	15.000			
2.022	18.8.3									

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
	Providing and fixi stability for hot & fittings i/c fixing the pipes fittings, with making good the sengineer-in-Chargwall etc.25 mm no	brass thre ludes join of cutting direction	eaded ting of chases and of				
	PVC Pipes			ı			
	Hot water lines	1.000	20.000				20.000
	Total						20.000
				Tot	al Quantity	in metre	20.000
2.023	50.18.9.21						
	Providing and fixi jointing with PVC	ng PVC n solvent c	noulded fittin ement - 75 n	ngs/accessori nm dia Elboy	es for Rigid i	PVC pipe	s, including
	PVC Pipe			200		1 0000	
	75 mm elbow	7.000	A B	DATA.		1.0000	7.000
	Total		100	SEC.	ļ.		7.000
				3-16	Total Quant	ity in no	7.000
2.024	50.18.9.21.3	X		TIL			
	Providing and fixi including jointing	ng PVC n with PVC	noulded fitting Solvent cen	ngs / accessonent -75 mm	ries for Rigic dia Door Elb	l PVC pip ow	es,
	PVC Pipes				Ι		
		4.000					4.000
	Total						4.000
				-	Total Quant	ity in no	4.000
2.025	50.18.9.21.4 Providing and fixincluding jointing					PVC pipe	es,
	PVC			<u> </u>	Ι		
	75 mm bend	12.000				1.0000	12.000
	Total						12.000
				ı	Total Quant	ity in no	12.000
2.026	50.18.9.21.7						
	Providing and fixi including jointing						es,
	PVC				Ι		
		4.000				1.0000	4.000
	Total						4.000

	Specification	No	Length	Width	Depth	Cf	Quantity
				ı	Total Quant	ity in no	4.000
2.027	50.18.9.21.5						
	Providing and fixi including jointing						es,
	PVC Pipes	Г					
		2.000					2.000
	Total						2.000
				-	Total Quant	ity in no	2.000
2.028	50.18.9.21.6						
	Providing and fixi jointing with PVC					PVC pipes	s, including
	PVC					Г	
		2.000		SaPA			2.000
	Total		- 6				2.000
			4410		Total Quant	ity in no	2.000
2.029	50.18.9.22.2		-colli.	The state of the s			
	Providing and fixincluding jointing	ng PVC m with PVC	oulded fitting solvent cem	igs / accessor tent - 110 mi	ries for Rigid n dia 45 degi	PVC piperee Elbow	es,
	PVC	4 000	OF PUBLIC	M FOR THE M	ANAGEMENT		4.000
	Total	4.000	0, 10000	1101113			4.000
	T I OLAT						4.000
	1 3 3 3 3 3				Total Owant	*4	
2.020				ı	Total Quant	ity in no	
2.030	50.18.9.22.1	na DVC m	oulded fittir				4.000
2.030		ng PVC m with PVC	noulded fittir	igs/ accessor	ies for Rigid		4.000
2.030	50.18.9.22.1 Providing and fixi	ng PVC m with PVC	noulded fittir solvent cem	igs/ accessor	ies for Rigid		4.000
2.030	50.18.9.22.1 Providing and fixincluding jointing	with PVC	noulded fittir solvent cem	igs/ accessor	ies for Rigid	PVC pipe	4.000
2.030	50.18.9.22.1 Providing and fixi including jointing PVC	ng PVC m with PVC	noulded fittir solvent cem	igs/ accessor	ies for Rigid	PVC pipe	4.000 es,
2.030	50.18.9.22.1 Providing and fixincluding jointing	with PVC	noulded fittir solvent cem	ngs/ accessor nent - 110 mi	ies for Rigid n dia Elbow	PVC pipe 1.0000 00	4.000 es, 15.000 15.000
	50.18.9.22.1 Providing and fixincluding jointing PVC Total	with PVC	noulded fittir solvent cem	ngs/ accessor nent - 110 mi	ies for Rigid	PVC pipe 1.0000 00	4.000 es, 15.000 15.000
2.030	50.18.9.22.1 Providing and fixincluding jointing PVC Total 50.18.9.22.3	15.000	solvent cem	ngs/ accessor nent - 110 mi	ies for Rigid n dia Elbow Total Quant	1.0000 00 ity in no	4.000 es, 15.000 15.000
	50.18.9.22.1 Providing and fixi including jointing PVC Total 50.18.9.22.3 Providing and fixi including jointing	15.000	solvent cem	ngs/ accessor nent - 110 mr	ies for Rigid n dia Elbow Total Quant ies for Rigid	1.0000 00 ity in no	4.000 es, 15.000 15.000
	50.18.9.22.1 Providing and fixincluding jointing PVC Total 50.18.9.22.3 Providing and fixing	ng PVC m	solvent cem	ngs/ accessor nent - 110 mr	ies for Rigid n dia Elbow Total Quant ies for Rigid	1.0000 00 ity in no	4.000 2s, 15.000 15.000 15.000
	50.18.9.22.1 Providing and fixincluding jointing PVC Total 50.18.9.22.3 Providing and fixincluding jointing PVC	15.000	solvent cem	ngs/ accessor nent - 110 mr	ies for Rigid n dia Elbow Total Quant ies for Rigid	1.0000 00 ity in no	4.000 28, 15.000 15.000 15.000
	50.18.9.22.1 Providing and fixi including jointing PVC Total 50.18.9.22.3 Providing and fixi including jointing	ng PVC m	solvent cem	ngs/ accessor nent - 110 mr	ies for Rigid n dia Elbow Total Quant ies for Rigid	PVC pipe 1.0000 00 ity in no PVC pipe bow	4.000 es, 15.000 15.000

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity	
	Providing and fixing including jointing	ng PVC m with PVC	noulded fittin	ngs/ accessor nent- 110 mm	ies for Rigid n dia Bend	PVC pipe	es,	
	PVC							
		20.000					20.000	
	Total						20.000	
				,	Total Quant	ity in no	20.000	
2.033	50.18.9.22.5					L.		
	Providing and fixing jointing with PVC	PVC pipe	es including					
	PVC							
		5.000					5.000	
	Total						5.000	
				,	Total Quant	ity in no	5.000	
2.034	50.18.9.22.6		-6:	W				
	Providing and fixing jointing with PVC						s, including	
	PVC							
		4.000					4.000	
	Total						4.000	
			OF PUBLIC	WORKS	Fotal Quant	ity in no	4.000	
2.035	50.18.9.22.12							
	Providing and fixing including jointing	ng PVC n with PVC	noulded fittin	ngs/ accessor nent - 110x75	ies for Rigid 5 mm dia Rec	PVC pipe	es,	
	PVC							
		4.000					4.000	
	Total						4.000	
				,	Total Quant	ity 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					г		
	Septic tank	1.000	6.700	3.100	2.300	1.0000	47.771	
	Soak Pit	1.000	3.000	3.000	2.500	1.0000	22.500	
	waste pit	2.000	2.500	2.500	2.000	1.0000	25.000	

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity		
	Total						95.271		
	Total Quantity in cum								
2.037	4.1.8								
	Providing and laying in position cement concrete of specified grade excluding of centering and shuttering - All work up to plinth level:1:4:8 (1 cement : 4 c) sand : 8 graded stone aggregate 40 nominal size)								
	PCC								
	Septic Tank	1.000	6.700	3.100	0.100	1.0000	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		.0317				3.521		
				To	tal Quantity	y in cum	3.521		
	Providing and layi excluding the cost to plinth level:1:1: nominal size	of centeri	ng, shutterin	g, finishing a	and reinforce	ment - Al	ll work up		
	Septic Tank and	Pits							
	base slab	1.000	6.600	3.000	0.200	1.0000	3.960		
	side wall	2.000	6.400	0.200	2.100	1.0000	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	2.688		
	Soak pit- cover slab	1.000	3.000	3.000	0.150	1.0000	1.350		
	waste pit- cover slab	1.000	2.500	2.500	0.150	1.0000 00	0.938		

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity						
	Total						17.804						
				To	tal Quantity	y 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, butteresses, plinth and string courses etc.												
	septic tank	<u> </u>		1	1								
	side wall	2*2	6.400		2.100	1.0000	53.760						
	do	2*2	2.400		2.100	1.0000	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		(41)	KALIM			92.160						
				To	otal Quantity	y in sqm	92.160						
	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						
				To	otal Quantity	y in sqm	33.170						
2.041	5.22.6												
	Steel reinforcemer in position and bin bars of grade Fe-5	ding all c	omplete upto										
	steel reinforcemen	t											
		1.000	17.805			100.00 0000	1780.500						
	Total						1780.500						
	Total Quantity in kilogram												
2.042	13.7.2												
	12 mm cement pla cement : 4 fine sar		ed with a flo	ating coat of	neat cement	of mix:1:	:4 (1						

Sl 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	19.200
	baffle wall	2*2	2.400		1.500	1.0000	14.400
	cover slab bottom	1.000	6.000		2.400	1.0000	14.400
	outside	2.000	6.400		2.100	1.0000	26.880
	do	2.000	2.800		2.100	1.0000	11.760
	Total		S	1			151.440
			(AFA)	To	otal Quantity	y in sqm	151.440
2.043	OD31918/2023-20	24	selli.	WARES.			
	Dry Rubble masor levelling course ma conveyance of all a in charge	asonry wi	th good qu <mark>al</mark> labour charge	ity blasted ru	ibble includi ete as per di	ing cost ar	nd
	soak pit and waste	pits	OF PUBLIC	WORKS			
		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	2.250
	Total						19.824
				To	otal Quantity	y in cum	19.824
2.044	19.7.1.1						

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity	
	Constructing brick with R.C.C. top with R.C.C. top with mm nominal size), stone aggregate 40 mortar 1:3 (1 cem making channels is aggregate 20 mm as per standard des Inside size 90x80 (455x610 mm inter 38 kg (weigh of conf.P.S. (non modulos)	ith 1:2:4 r foundation of mm noment: 3 connections nominal sistems sign: cm and 45 mal diments	nix (1 cemer on concrete I inal size,) in arse sand) fin concrete 1:2 ize) finished 5 cm deep ind asions, total versions, and weight	at: 2 coarse sol:4:8 mix (1) aside plasterinished with four front with a float cluding C.I. aweight of covor frame 15.	sand: 4 grade cement: 4 c ng 12 mm thi loating coat of t: 2 coarse sa ing coat of no cover with frace yer and frame	ed stone a coarse sand ck with coff neat ceand: 4 graeat cemen ame (lighter to be not	ggregate 20 d: 8 graded ement ment and ided stone t complete t duty)	
	man hole				Τ			
	man hole	6.000					6.000	
	Total						6.000	
				To	tal Quantity	y in each	6.000	
2.045	19.8.1.1		- 68					
	Extra for depth for manholes Size 90x80 cmWith common burnt clay F.P.S. (non modular) bricks of class designation 7.5							
	extra depth							
	extra depth	1.000	1.000	M FOR THE M	ANAGEMENT	1.0000 00	1.000	
	Total						1.000	
				Tot	al 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. as 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	
				1	Total Quant	ity in no	12.000	
2.047	17.2.1							
	Providing and fixing W.C. pan) with set flush pipe, with many with all fittings and and floors wherever EWC G.F room 1	at and lid, anually co d fixtures er require	10 litre low ontrolled dev complete, in	level white I ice (handle lectuding cutti	P.V.C. flushing ever), conforting and making	ng cistern ming to Is ng good th id plastic	, including S: 7231, he walls	
	EWC G.F room 1 and 2	2.000				1.0000 00	2.000	

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity	
	F.F 3 and 4	2.000				1.0000	2.000	
	Total						4.000	
				To	otal Quantity	y in each	4.000	
2.048	18.7.3							
	Providing and fixistability for hot & fittings including for pipes & fittings as per direction of nominal outer dia CPVC	cold wate ixing the with one Engineer	r supply, inc pipe with cla step CPVC s	cluding all Cl amps at 1.00 solvent ceme	PVC plain & m spacing. 'nt and testing	brass thre This inclug of joints	eaded des jointing complete	
		1.000	2.000				2.000	
	Total						2.000	
				Tot	al Quantity	in metre	2.000	
2.049	17.7.4		a K	ō All				
	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		e-PLATFOR OF PUBLIC	M FOR THE M	ANAGEMENT			
	G.F and F.F	3*2	OF POSCIC	VVOICES		1.0000	6.000	
	Total						6.000	
				To	otal Quantity	y 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	Г				I I		
		1.000	4.000				4.000	
	Total						4.000	
				To	otal Quantity	y in each	4.000	
2.051	18.17.2							
	Providing and fixit (screwed end):32	mm nomi	etal gate valv nal bore	e with C.I. v	wheel of appr	oved qual	ity	
	Gun metal gate va					<u> </u>		
		4.000					4.000	
	Total						4.000	
				To	otal Quantity	y in each	4.000	
2.052	18.17.4							

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity		
	Providing and fixing (screwed end):50			ve with C.I. v	vheel of appr	oved qual	ity		
	Gun metal gate va	lve							
		5.000					5.000		
	Total						5.000		
				To	otal Quantity	y 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 boo	dy Bib co	ck						
		8.000					8.000		
	Total						8.000		
				To	otal Quantity	y in each	8.000		
2.054	18.52.1		-63						
	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 cxo	ck							
		6.000					6.000		
	Total						6.000		
			OF PUBLIC	WORKS TO	otal Quantity	y 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 coc	k							
		6.000				1.0000 00	6.000		
	Total						6.000		
				ı	Total Quant	ity in no	6.000		
2.056	50.17.1.3								
	Supplying and fixing CP Towel rod 60cm or nearest available length including materials and labour charges etc complete as per the direction of site Engineer-charge.								
	Towel road	,							
		3*2					6.000		
	Total						6.000		
				-	Total Quant	ity in no	6.000		
2.057	50.17.1.5								

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity		
	Supplying and fixincluding cost of n Engineer-in-charg	naterials a	alth Faucet s nd labour ch	uperior qual arges etc cor	ity (Jagur or nplete as per	equvalen the direct	t make) ion of site		
	CP Health faucet					_			
		3*2					6.000		
	Total						6.000		
				,	Total Quant	ity 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			la O			6.000		
			- 68	To	tal Quantity	in each	6.000		
2.059	17.34.1		(41)						
	Providing and fixing toilet paper holder: C.P. brass								
	Toiulet Paper Holder								
		3*2			J		6.000		
	Total		e-PLATFOR OF PUBLIC		IANAGEMENT		6.000		
				,	Total Quant	ity in no	6.000		
2.060	18.48								
	Providing and place: ISI 12701 marked necessary holes for support for tank.	l, with cov	er and suital	ole locking a	rrangement a	ınd makin	g		
	water storage tank	KS	Т						
	1								
	water storage tanks	4.000	1000.000			1.0000	4000.000		
		4.000	1000.000				4000.000 4000.000		
	tanks	4.000	1000.000	То	tal Quantity	00			
3	tanks				tal Quantity	00	4000.000		
	Total				tal Quantity	00	4000.000		
	Total 3.Appendix - C - C	Construction by ches or dra of sides a soil and di	mechanical ins (not exco	means (Hyd eeding 1.5 m of bottoms,	raulic excava	in Litre ator) /man 10 sqm or m, includ	4000.000 4000.000 ual means plan), ing getting		
	Total 3.Appendix - C - C 2.8.1 Earth work in excain foundation trending dressing out the excavated in the	Construction by ches or dra of sides a soil and di	mechanical ins (not exco	means (Hyd eeding 1.5 m of bottoms,	raulic excava	in Litre ator) /man 10 sqm or m, includ	4000.000 4000.000 ual means plan), ing getting		

Sl 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
				To	tal Quantity	in cum	14.999
3.002	4.1.8					-	
	Providing and layi of centering and sl sand: 8 graded sto	nuttering -	All work up	to plinth lev			
	PCC	1 000	27.000	0.450	0.100	Ī	1 105
	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			~P)			2.853
			- (1)	To	tal Quantity	in cum	2.853
3.003	7.1.1 Random rubble ma	asonry wit	th hard stone	in foundation	n and plinth i	including	levelling
	up with cement co 20 mm nominal si sand)						
	Boundary wall		e-PLATFORM	M FOR THE MA	ANAGEMENT		
	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
				To	tal 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 v to plinth level:1:1:5:3 (1 cement 1.5 coarse sand :3 graded stone aggregate 20 nominal size						l work up
	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
				To	tal Quantity	in cum	0.875
3.005	5.22.6						
	Steel reinforcemer in position and bin bars of grade Fe-5	ding all c	omplete upto				
	TMT bar						

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity			
		1.000	0.875			100.00 0000	87.500			
	Total						87.500			
				Total Q	uantity in k	kilogram	87.500			
3.006	50.10.1									
	trusses etc., includ	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 padin	oura								
	LS gate	1.000	250.000				250.000			
	LS padipura	1.000	200.000				200.000			
	Total						450.000			
				1	Total Quant	ity in kg	450.000			
3.007	50.6.2.2		- E							
	nearest available s floor two level wit complete Solid Block	h thicknes	ss 15cm in : 0	2M 1:6 (1 ce	ement : 6 coa	arse sand)	etc			
	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	1		·	·		16.503			
				To	tal Quantity	y in cum	16.503			
3.008	13.1.1									
	12 mm cement pla	ster of mi	x:1:4 (1 cem	nent : 4 fine s	and)					
	plastering									
	Boundary wall	2.000	25.000		1.500		75.000			
	Doulland y wall						,			
	Boundary wall	2.000	32.000		1.500					
		2.000	32.000 2.400		1.500 2.800		96.000			
	Boundary wall						96.000 13.440			
	Boundary wall Gate Pillar Compound wall	2.000	2.400		2.800		96.000 13.440 5.250			
	Boundary wall Gate Pillar Compound wall Pillar	2.000 7.000	2.400 0.500		2.800 1.500		96.000 13.440 5.250 6.000 5.250			

Sl No	Specification	No	Length	Width	Depth	Cf	Quantity
				To	otal Quantity	y 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	lw1	1.500		6.000
	do	7.000	0.500		1.500		5.250
	Total		40,6				220.380
				To	otal Quantity	y 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						
	Ероху						
	Gate	2.000	4.000		1.800		14.400
	padipura LS	1.000	10.000				10.000
	Total						24.400
				To	otal Quantity	y in sqm	24.400
3.011	OD96519/2023-20	024					
	Providing, fabricating and supplying and fixing panels of aluminum composite panel cladding in pan shape in metalic 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.						
	ACP						
	Gate Pillar	2.000	1.200		2.000		4.800
	Тор	1.000	1.800		4.000		7 200
	[10p						7.200
	Total						12.000
	1			To	otal Quantity	y in sqm	

Sl 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 and fixing to the panel with synthetic resin adhesive to correct lines and level the direction of the departmental officers.							
	Letters				T			
		22.000					22.000	
	Total						22.000	
	Total Quantity in each							



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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%

ABSTRACT ESTIMATE

GENERAL-CONSTRUCTION OF NEW BUILDING FOR REST HOUSE

KANJIRAPPALLY.-Work-General Civil Work

Sl No	Specification	Quantity	Rate	Amount				
1	1 APPENDIX - A - BUILDING I	PROPER						
1.001	2.6.1							
	over areas (exceeding 30 cm in dept including disposal of excavated eart	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	FORM FOR THE	MANAGEMENT					
	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 sup with cement concrete 1:6:12 (1 c 20 mm nominal size) up to plinth le sand)	ement: 6 coars	e sand : 12 graded st	one aggregate				
	Net Total	24.162cum	@7249.92/cum	175172.57				
1.005	2.25	-						
	Filling available excavated earth (exfoundation etc. in layers not exceed layer by ramming and watering, lead	ing 20 cm in dedup to 50 m an	pth, consolidating ea d lift up to 1.5 m.	ch deposited				
	Net Total	110.705cum	@260.18/cum	28803.23				
1.006	5.22.6							
	Steel reinforcement for R.C.C work in position and binding all complete bars of grade Fe-500D or more	including straig upto plinth lev	ghtening, cutting, ber elThermo - Mechani	nding, placing cally Treated				
	Net Total	10781.440kil ogram	@98.92/kilogram	1066500.04				
1.007	OD66676/2023-2024							
On 2024-05-	Providing and laying in position ma 25grade cement concrete for reinfor as per approved design mix, including the cost of centering, should admixture in recommended propor of concrete, improve workability wi	ced cement con ng pumping of tering, finishing tions as per IS:	crete work, using cer concrete to site of lay g and reinforcement, 9103 to accelerate, re	ment content ying but including etard setting				

Sl No	Specification	Quantity	Rate	Amount					
	Net Total	98.688cum	@9472.55/cum	934827.01					
1.008	OD66819/2023-2024								
	Providing and laying in position ma 25grade cement concrete for reinfor as per approved design mix, includi excluding the cost of centering, shur admixtures in recommended propor of concrete, improve workability with direction of Engineer-in-charge. No 330 kg/ cum. Excess or less cement separately. All work above plinth le	rced cement cor ng pumping of ttering, finishin tions as per IS: thout impairing te: Cement con used as per des	acrete work, using ce concrete to site of la g and reinforcement, 9103 to accelerate, r g strength and durabi tent considered in th	ement content ying but , including retard setting lity as per is item is @					
	Net Total	279.403cum	@11135.02/cum	3111157.99					
1.009	5.22A.6								
	Steel reinforcement for R.C.C work in position and binding all complete Treated bars of grade Fe-500D or m	above plinth le	ghtening, cutting, be evel.Thermo - Mecha	nding, placing anically					
	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	1 <mark>51.6</mark> 80sqm	@337.42/sqm	51179.87					
1.011	5.9.3	FORM FOR THE I	MANAGEMENT						
	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 shade, Chajjas, corbels etc., including		nd removal of form f	or:Weather					
	Net Total	144.252sqm	@908.21/sqm	131011.11					
1.015	5.9.7								
	Centering and shuttering including (excluding landings) except spiral -		nd removal of form f	or:Stairs,					
	Net Total	93.468sqm	@737.13/sqm	68898.07					

Sl No	Specification	Quantity	Rate	Amount			
1.016	5.9.16.1						
	Centering and shuttering including Edges of slabs and breaks in floors			or:			
	Net Total	255.200metre	@205.21/metre	52369.59			
1.017	5.9.2						
	Centering and shuttering including thickness) including attached pilasto						
	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	FORM FOR THE	MANAGEMENT				
	12 mm cement plaster of mix:1:4 (1 cement : 4 fin	e sand)				
	Net Total	3670.814sqm	@316.08/sqm	1160270.89			
1.021	13.9.1						
	Cement plaster 1:3 (1 cement : 3 cc cement.12 mm cement plaster	oarse sand) finis	shed with a floating o	coat of neat			
	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 etc., by applying cement slurry mix consisting of applying: a) First layer water proofing cement compound (cure for 4 hours. b) Second layer of water proofing cement compound (cure for 4 hours followed with water preparation of surface, treatment and and masonry with polymer mixed significant surfaces.	ed with water per of slurry of common	roofing cement compenent @ 0.488 kg/sc. This layer will be a nt @ 0.242 kg /sqm in This layer will be a hours. The rate inclujoints, corners, junct	pound Im mixed with Illowed to air mixed with allowed to air des ions of pipes			
	Net Total	68.262sqm	@551.46/sqm	37643.76			
1.024	50.9.1.1						

	Specification	Quantity	Rate	Amount				
	Providing wood work in frames of of frames, wrought framed and fixed in fasteners of required dia & length (I separately), using good quality Anji	n position with a nold fast lugs or	hold fast lugs or with dash fastener shall l	n dash				
	Net Total	0.778cum	@110013.16/cu m	85590.24				
1.025	50.9.3.1							
	clerestory windows, 30 mm thick shinges bright finished of required si							
	Net Total	32.890sqm	@3037.22/sqm	99894.17				
1.026	50.9.4.1							
	glazed shutters for doors, windows a panel inserts excluding portion inside	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						
	Net Total	33.330sqm	@2750.98/sqm	91690.16				
1.027	9.48.2							
	Providing and fixing M.S. Grills of M.S. flats, square or round bars etc. primer all complete. Fixed to openin	including prim	ing coat with approv	ed steel				
	Net Total	3877.245kg	@217.34/kg	842680.43				
1.028	9.147D.3							
	appropriate dimension. (Area of wi							
	Providing and fixing M.S. Grills of M.S. flats, square or round bars etc. primer all complete. Fixed to openin Net Total 9.147D.3 Providing and fixing factory made under track and sash extruded profile galvanized mild steel section made in (shape & size according to uPVC proglazing beads and uPVC extruded in (white powder coated) touch locks which rollers (weight bearing capacity to be frame to finished wall and necessary sash shall be mitred cut and fusion where for fixing hardware's and drainage of frame and adjacent finished wall shadover backer rod of required size and drawing & direction of Engineer-inand silicon sealent shall be paid septones. For uPVC frame and sash extite. in depth & width of profile shall window made of (big series) frame	aPVC white col- appropriate and the state of	ing coat with approvemes with rawl plugs @217.34/kg our sliding glazed would chambered frame and with 1.60 +/- 0.2 and process of require ate dimension of upon M gasket, wool pile, alloy body with sing asteners 100 x 8 mm screws etc. Profile of the fixing frame the general frame the general complete and the proof silicon and th	indow upto e with in-be mm thick ed length VC extruded zinc alloy gle nylon size for fixing of frame & ing of holes gap between on sealent s per approves, wire mes n dimension s sliding th having was				

Sl No	Specification	Quantity	Rate	Amount	
1.029	9.147E.1				
	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 sealent 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 sealent 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 2.50 sqm upto 4.00 sqm.)				
	Net Total	62.700sqm	@8127.35/sqm	509584.85	
1.030		02.7003 q III	@0127.33/3qm	307304.03	
	9.147B.1 543 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.)				

Sl 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 doc Plastic (FRP) panelled door shutter manufacture, made with fire - retard 3 mm thick FRP laminate for forming suitable blocks of seasoned wood in monolithically with 5 mm thick FRI including fixing to frames.	of required cold lant grade unsating hollow rails aside at required	our and approved bra curated polyester resi and styles, with woo I places for fixing of	nd and n, moulded to den frame and fittings, cast
	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.			
1.007	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	s (thickness to be spe	ecified by
	manufacturer), with water absorption of approved make, in all colours &	on less than 0.08	3 % and conforming	to I.S. 15622,

Sl No	Specification	Quantity	Rate	Amount
	bed of cement mortar 1:3 (1 cement white cement & matching pigments			
	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			
1.000	Net Total	15.345sqm	@4746.97/sqm	72842.25
1.038	8.3.2 Providing edge moulding to 18 mm including machine polishing to edge design approved by Engineer -in-Cl	e to give high g	loss finish etc. comp	
	Net Total	21.900metre	@445.63/metre	9759.30
	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.)			
1.040	9.53	1667.360kg	@681.61/kg	1136489.25
1.010	Providing 40x5 mm flat iron hold famm diameter bolts, nuts and woode 30x10x15 cm 1:3:6 mix (1 cement nominal size)	n plugs and em	beddings in cement of	concrete block
	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			
1.042	Net Total	90.000no	@71.73/no	6455.70
1.042	9.76 Providing and fixing bright finished levers and a pair of lever handles of complete.	brass 100 mm approved quali	mortice latch and lo	ck with 6 rews etc.
	Net Total	18.000no	@844.26/no	15196.68
1.043	9.100.1			

Sl No	Specification	Quantity	Rate	Amount	
	Providing and fixing aluminium har less than grade AC 10 as per IS: 18 shade, with necessary screws etc. co	68) transparent	or dyed to required	coating not colour or	
	Net Total	60.000no	@70.63/no	4237.80	
1.044	9.89				
	Providing and fixing chromium plat necessary screws etc. complete	ed brass night l	atch of approved qua	ality including	
	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	11			
	Applying one coat of water thinnable manufacture on wall surface: Water			and	
	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, 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 Smoot or more coat applied @ 1.67 ltr/10 sprimer 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 an even shade:Two or more coats or		ved brand and manuf	acture to give	
	Net Total	3369.072sqm	@152.38/sqm	513379.19	
1.050	13.61.1				
	Painting with synthetic enamel pain even shade:Two or more coats on n		rand and manufactur	re to give an	
	Net Total	137.582sqm	@143.94/sqm	19803.55	
1.051	16.68				
	Providing and laying 60 mm thick f block of M - 30 grade made by bloc compaction, of approved size, desig over and including 50 mm thick corfine sand etc. all complete as per the	k making mach n & shape, laid npacted bed of	ine with strong vibra in required colour a coarse sand, filling the	atory nd pattern	

Sl 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 SANITA	RY ARRANG	EMENTS		
2.001	50.18.8.9.1				
	Providing and fixing PVC pipes, fitt m spacing. This includes jointing of testing of joints complete as per dire including cutting chased and making	pipes with one ection of Engine	step PVC solvent ce eer-in-Charge. Conce	ement and ealed work,	
	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 inc. solvent cement, trenching, refilling engineer in charge.110 mm dia 6Kg	& testing of Joi			
	Net Total	60.000metre	@527.86/metre	31671.60	
2.004	50.18.9.10.1				
	Providing and fixing PVC pipes inccement, trenching, refilling & testir 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, fitt m spacing. This includes jointing of testing of joints complete as per dire including cutting chases and making	pipes with one ection of Engine good the wall	estep PVC solvent ce eer-in-Charge. Conce etc. 75 mm pipe 6 K	ement and ealed work, gf/cm2	
	Net Total	20.000metre	@625.81/metre	12516.20	
2.006	50.18.9.8.1				
	Providing and fixing PVC pipes inc solvent cement, trenching, refilling Engineer in Charge. 75 mm dia 6 K	& testing of join	g of pipes with one st nts complete as per d	ep PVC lirection of	

Sl 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 inc solvent cement, trenching, refilling Engineer in Charge. 50 mm dia 6 K	& testing of join			
	Net Total	30.000metre	@244.77/metre	7343.10	
2.009	50.18.9.16.2				
	Providing and fixing PVC pipes, fit m spacing. This includes jointing of cement and testing of joints comple dia 6Kgf/cm2 - External work - Exp	pipes & fitting te as per directi	s with one step PVC	solvent	
	Net Total	30.000metre	@387.05/metre	11611.50	
2.010	50.18.9.15.2	3-11			
	Providing and fixing PVC pipes, fit m spacing. This includes jointing of cement and testing of joints comple dia 6 Kgf/cm2 - External work - Ex	pipes & fitting te as per directi	s with one step PVC	solvent	
	Net Total	25.000metre	@377.70/metre	9442.50	
2.011	50.18.9.5.2				
	Providing and fixing PVC pipes inc solvent cement, trenching, refilling Engineer in Charge. 40 mm dia 6 K	& testing of join			
	Net Total	30.000metre	@235.42/metre	7062.60	
2.012	50.18.7.2.2				
	Providing and fixing PVC pipes, fit m spacing. This includes jointing of cement and testing of joints comple dia 10 Kgf/cm2- Internal work - Ex	pipes & fitting te as per directi	s with one step PVC	solvent	
	Net Total	10.000metre	@243.35/metre	2433.50	
2.013	50.18.7.3.2				
	Providing and fixing PVC pipes, fitted m spacing. This includes jointing of cement and testing of joints compled dia 10Kgf/cm2-Internal work-Exp	pipes & fitting te as per directi	s with one step PVC	solvent	
	Net Total	30.000metre	@267.39/metre	8021.70	
2.014	50.18.7.4.2				

Sl 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, fit m spacing. This includes jointing of cement and testing of joints comple Concealed work, including cutting of 10 Kgf/cm2	pipes & fitting te as per directi	s with one step PVC on of Engineer-in-Cl	solvent narge.	
	Net Total	10.000metre	@395.87/metre	3958.70	
2.016	50.18.8.3.2				
	Providing and fixing PVC pipes, fit m spacing. This includes jointing of cement and testing of joints comple Concealed work, including cutting of 10kgf/cm2	pipes & fitting te as per directi	s with one step PVC on of Engineer-in-Cl	solvent narge.	
	Net Total	45.000metre	@423.06/metre	19037.70	
2.017	50.18.8.4.1	3-11			
	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	Providing and fixing PVC pipes inc cement, trenching, refilling & testin in Charge. 32 mm dia 6 Kgf/cm2	ludings joints og of joints com	of pipes with one step plete as per direction	PVC solvent of Engineer	
	Net Total	90.000metre	@222.31/metre	20007.90	
2.019	50.18.9.13.2				
	Providing and fixing PVC pipes, fitted missing. This includes jointing of cement and testing of joints compled dia 10 Kgf/cm2- External work -	pipes & fitting te as per directi	s with one step PVC	solvent	
	Net Total	60.000metre	@277.22/metre	16633.20	
2.020	50.18.9.14.2				
	Providing and fixing PVC pipes, fit m spacing. this includes jointing of cement and testing of joints comple dia 6 Kgf/cm2 - External work - Ex	pipes & fittings te as per directi	s with one step PVC	solvent	
	Net Total	72.000metre	@311.30/metre	22413.60	
2.021	18.8.2				

Sl No	Specification	Quantity	Rate	Amount
	Providing and fixing Chlorinated Postability for hot & cold water supply fittings i/c fixing the pipe with clampipes& fittings, with one step CPVO and making good the same includin Engineer-in-Charge. Concealed wowall etc.20 mm nominal outer dia p	y, including all ups at 1.00 m sp C solvent cemen g testing of joir ork, including cu	CPVC plain & brass pacing. This includes nt and the cost of cut nts complete as per d	threaded jointing of ting chases irection of
	Net Total	15.000metre	@566.34/metre	8495.10
2.022	18.8.3			
	Providing and fixing Chlorinated Postability for hot & cold water supply fittings i/c fixing the pipe with clampipes& fittings, with one step CPVO and making good the same includin Engineer-in-Charge. Concealed wowall etc.25 mm nominal outer dia p	y, including all ups at 1.00 m sp c solvent cement g testing of joir ork, including co	CPVC plain & brass pacing. This includes not and the cost of cut at the complete as per d	threaded jointing of ting chases irection of
	Net Total	20.000metre	@665.62/metre	13312.40
2.023	50.18.9.21	JAQALI)		
	Providing and fixing PVC moulded including jointing with PVC solven	fittings/accessort cement - 75 m	ories for Rigid PVC j nm dia Elbow	pipes,
	Net Total	7.000no	@95.23/no	666.61
2.024	50.18.9.21.3	FORM FOR THE	MANAGEMENT	
	Providing and fixing PVC moulded including jointing with PVC solven	fittings / access t cement -75 m	sories for Rigid PVC m dia Door Elbow	pipes,
	Net Total	4.000no	@95.23/no	380.92
2.025	50.18.9.21.4			
	Providing and fixing PVC moulded including jointing with PVC solven			pipes,
	Net Total	12.000no	@88.84/no	1066.08
2.026	50.18.9.21.7			
	Providing and fixing PVC moulded including jointing with PVC solven			pipes,
	Net Total	4.000no	@87.10/no	348.40
2.027	50.18.9.21.5			
	Providing and fixing PVC moulded including jointing with PVC solven			pipes,
	Net Total	2.000no	@95.65/no	191.30
2.028	50.18.9.21.6			
	Providing and fixing PVC moulded including jointing with PVC solven			
	Net Total	2.000no	@107.26/no	214.52
2.029	50.18.9.22.2			

Sl No	Specification	Quantity	Rate	Amount
	Providing and fixing PVC moulded including jointing with PVC solven			
	Net Total	4.000no	@105.58/no	422.32
2.030	50.18.9.22.1			
	Providing and fixing PVC moulded including jointing with PVC solven			pipes,
	Net Total	15.000no	@107.90/no	1618.50
2.031	50.18.9.22.3			
	Providing and fixing PVC moulded including jointing with PVC solven			pipes,
	Net Total	4.000no	@132.29/no	529.16
2.032	50.18.9.22.4			
	Providing and fixing PVC moulded including jointing with PVC solven	fittings/ access t cement- 110 n	ories for Rigid PVC nm dia Bend	pipes,
	Net Total	20.000no	@161.33/no	3226.60
2.033	50.18.9.22.5	JERREDH.		
	Providing and fixing PVC moulded including jointing with PVC solven			pipes
	Net Total	5.000no	@175.09/no	875.45
2.034	50.18.9.22.6	FORM FOR THE	MANAGEMENT	
	Providing and fixing PVC moulded including jointing with PVC solven			
	Net Total	4.000no	@187.87/no	751.48
2.035	50.18.9.22.12			
	Providing and fixing PVC moulded including jointing with PVC solven			pipes,
	Net Total	4.000no	@107.90/no	431.60
2.036	2.8.1			
	Earth work in excavation by mechan in foundation trenches or drains (no including dressing of sides and rama getting out the excavated soil and di within a lead of 50 m.All kinds of so	t exceeding 1.5 ming of bottom isposal of surpli	m in width or 10 squ s, lift up to 1.5 m, in	m on plan), cluding
	Net Total	95.271cum	@298.84/cum	28470.79
2.037	4.1.8			
	Providing and laying in position cer cost of centering and shuttering - Al coarse sand : 8 graded stone aggregation	ll work up to pli	inth level:1:4:8 (1 ce	
	Net Total	3.521cum	@6857.60/cum	24145.61
2.038	5.1.2			
	Providing and laying in position spe	ecified grade of	reinforced cement co	oncrete,

Sl No	Specification	Quantity	Rate	Amount
	excluding the cost of centering, shurto plinth level:1:1:5:3 (1 cement 1.5 nominal size			
	Net Total	17.804cum	@9142.08/cum	162765.59
2.039	5.9.2			
	Centering and shuttering including sthickness) including attached pilaste			
	Net Total	92.160sqm	@721.70/sqm	66511.87
2.040	5.9.3			
	Centering and shuttering including s floors, roofs, landings, balconies an			or:Suspended
	Net Total	33.170sqm	@820.86/sqm	27227.93
2.041	5.22.6			
	Steel reinforcement for R.C.C work in position and binding all complete 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 cement : 4 fine sand)	a floating coat	of neat cement of m	ix:1:4 (1
	Net Total	151.440sqm	@388.80/sqm	58879.87
2.043	OD31918/2023-2024			
	Dry Rubble masonry with Hard St levelling course masonry with good conveyance of all materials labour of in charge	quality blasted	rubble including co	st and
	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			

Sl No	Specification	Quantity	Rate	Amount	
	Extra for depth for manholes Size 90x80 cmWith 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 W.C. pan) with seat and lid, 10 litre flush pipe, with manually controlled with all fittings and fixtures comple and floors wherever required: W.C. lid	low level white device (handle te, including cu	e P.V.C. flushing cise lever), conforming tting and making go	tern, including to IS: 7231, od the walls	
	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 wall25 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 (screwed end) :25 mm nominal bore		. wheel of approved	quality	
	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 (screwed end) :50 mm nominal bore		. wheel of approved	quality	
				i e	

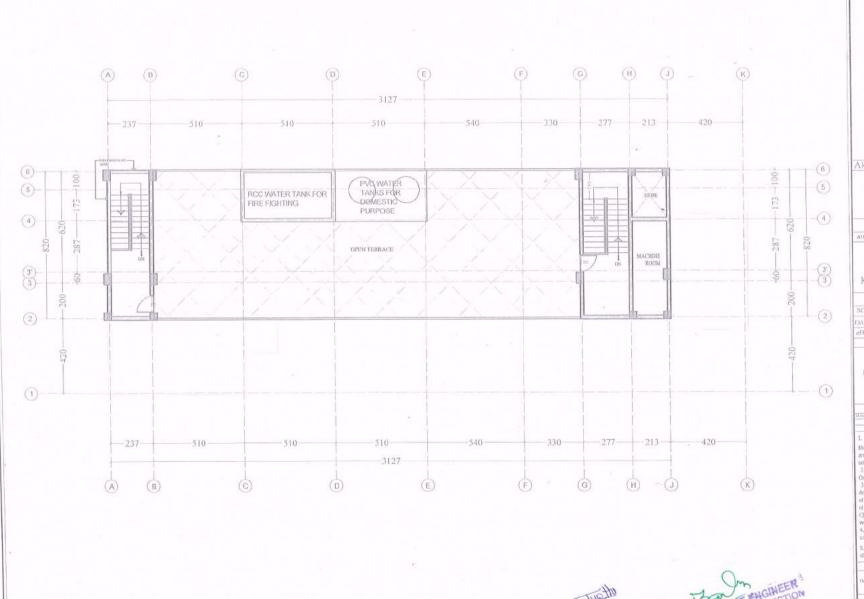
Sl No	Specification	Quantity	Rate	Amount
	Net Total	5.000each	@1029.52/each	5147.60
2.053	18.51.1			
	Providing and fixing C.P. brass long IS standards and weighing not less t			conforming to
	Net Total	8.000each	@654.22/each	5233.76
2.054	18.52.1			
	Providing and fixing C.P brass stop approved make conforming to IS: 8	cock (conceale 93115 mm nom	ed) of standard designal bore	n and of
	Net Total	6.000each	@718.11/each	4308.66
2.055	50.17.1.1			
	Supplying and fixing Stainless steel charges etc complete as per the direct			ls and labour
	Net Total	6.000no	@67.06/no	402.36
2.056	50.17.1.3	100		
	Supplying and fixing CP Towel rod materials and labour charges etc corcharge.			
	Net Total	6.000no	@128.29/no	769.74
2.057	50.17.1.5			
	Supplying and fixing CP Health Fau including cost of materials and labor Engineer-in-charge.			
	Net Total	6.000no	@1280.82/no	7684.92
2.058	17.32.4			
	Providing and fixing mirror of supershape and size with plastic moulded thick hard board backing: Rectangular	frame of appro	oved make and shade	
	Net Total	6.000each	@2116.10/each	12696.60
2.059	17.34.1			
	Providing and fixing toilet paper ho	lder:C.P. brass		
	Net Total	6.000no	@691.40/no	4148.40
2.060	18.48			
	Providing and placing on terrace (at :ISI 12701 marked, with cover and s necessary holes for inlet, outlet and support for tank.	suitable locking	arrangement and ma	aking
	Net Total	4000.000Litre	@10.44/Litre	41760.00
			Heading Total(Rs)	1135366.30
3	3.Appendix - C - Construction of	compound wa	11	
3.001	2.8.1			

Sl No	Specification	Quantity	Rate	Amount
	Earth work in excavation by mecha in foundation trenches or drains (no including dressing of sides and ram getting out the excavated soil and d within a lead of 50 m.All kinds of s	t exceeding 1.5 ming of bottom isposal of surpl	m in width or 10 squ s, lift up to 1.5 m, in	m on plan), cluding
	Net Total	14.999cum	@298.84/cum	4482.30
3.002	4.1.8			
	Providing and laying in position cercost of centering and shuttering - A coarse sand : 8 graded stone aggreg	ll work up to pl	inth level:1:4:8 (1 ce	
	Net Total	2.853cum	@6857.60/cum	19564.73
3.003	7.1.1			
	Random rubble masonry with hard up with cement concrete 1:6:12 (1 of 20 mm nominal size) up to plinth le sand)	ement: 6 coars	e sand: 12 graded st	one aggregate
	Net Total	11.543cum	@7249.92/cum	83685.83
3.004	5.1.2	7000		
	Providing and laying in position speechuding the cost of centering, shu to plinth level:1:1:5:3 (1 cement 1.5 nominal size	ttering, finishin coarse sand:3	g and reinforcement	- All work up
	Net Total	0.875cum	@9142.08/cum	7999.32
3.005	5.22.6			
	Steel reinforcement for R.C.C work in position and binding all complete bars of grade Fe-500D or more	including strai upto plinth lev	ghtening, cutting, be elThermo - Mechani	nding, placing ically Treated
	Net Total	87.500kilogra m	@98.92/kilogram	8655.50
3.006	50.10.1			
	Steel work in built up G I tubular (trusses etc., including cutting, hoist of approved steel primer, including etc. complete	ing, fixing in po	sition and applying a	priming coat
	Net Total	450.000kg	@191.08/kg	85986.00
3.007	50.6.2.2			
	Solid masonry using pre cast solid to nearest available size confirming to floor two level with thickness 15cm complete	IS 2185 part I o	of 1979 for super stru	acture up to
	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 fin	e sand)	

Sl No	Specification	Quantity	Rate	Amount
	Net Total	200.940sqm	@316.08/sqm	63513.12
3.009	13.46.1			
	Finishing walls with Acrylic Smoot or more coat applied @ 1.67 ltr/10 sprimer 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 as per manufacturer's specifications of surface, etc. complete.On steel w	including appre	all locations prepared opriate priming coat,	l and applied preparation
	Net Total	24.400sqm	@224.76/sqm	5484.14
3.011	OD96519/2023-2024			
	Providing, fabricating and supplying cladding in pan shape in metalic collaboration aluminum composite panel material sandwiched between two Aluminium Engineer- in- Charge. Base frame was separate steel item.	our of approved consisting of 3 m sheets (each)	d shades made out of mm thick FR grade 1 .5mm thick) etc. as of	4mm thick mineral core directed by the
	Net Total	12.000sqm	@2113.61/sqm	25363.32
3.012	OD96522/2023-2024			
	Supplying fabricating and fixing sta Malayalam font of size 20 cm heigh and fixing to the panel with synthet the direction of the departmental of	it to the name b ic resin adhesiv	oard with nuts and be	olts,drilling
	Net Total	22.000each	@1393.80/each	30663.60
			Heading Total(Rs)	494062.21
		Tot	al Estimation PAC	23299258.73
Sl No	Description		Percentage/LS	Amount
4	Lumsum Heading			
4.001	LS Amount for Electrification			
4.001		0.00	0.00%	1300000.00
4.002	LS amount for purchasing furniture without bidding through approved agency			ngency
4.002		0.00	0.00%	1200000.00
		Total	Lumsum Amount	2500000.00
5	Extra Charges			
4.001	Provision for GST			
7.001		23299258.73	18.00%	4193866.57
			Grand Total	29993125.3 0
			Round off	6874.70

Sl 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

SCALE: NYS	DRG NO.	SHING
DATE: 30,04,2024	AR. 119/24(S)	03/06
eFILE NO:	CAPWD-A20-KTM/2/202	4-SA4-AR

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

Revision details
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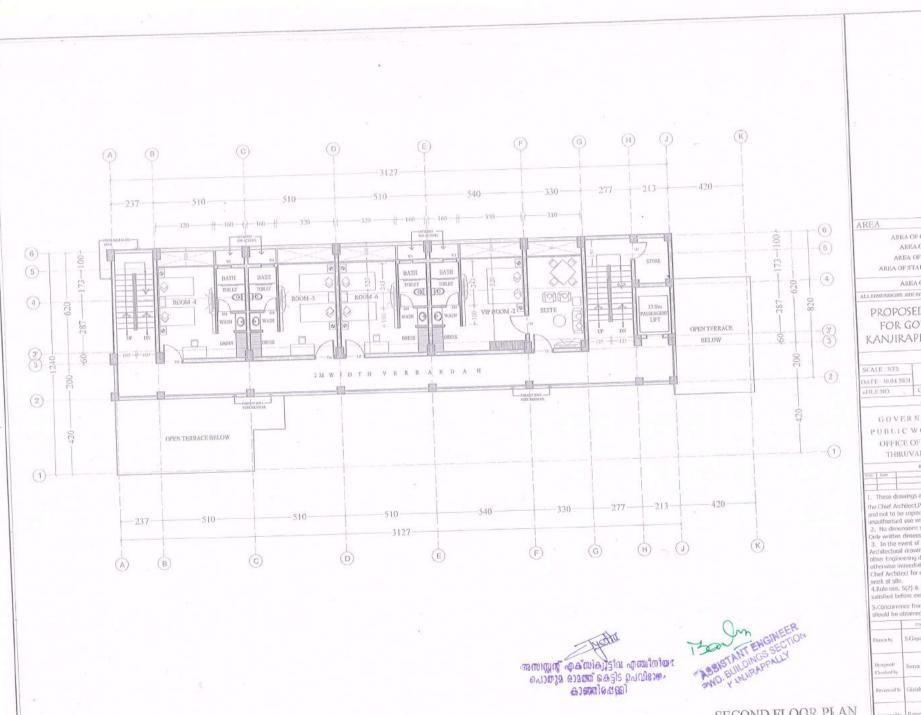
4.Rule nos. 5(2) & 7(2) of KMBR 1999 should be satisfied before executing the project.

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

	203388	DESIGNATION	MESNATURE
Dever by	S.Gapakumor	Archl (DiMon	Gopline
Designal/ Checked by	Surya Nair	Sr. Awhiert	Luya
Reviewedby	Girish, V.S	Deputy Chief Architect	型,
Approved by	Raicey P.S	Cherl Architect	21

காய்று அக்யிக்பதிய அனிறின் கூதிக்கிய அனிறின் கூதிக்கிய அனிறின் கூதிக்கிய கூறிய கூறி

STAIR FLOOR PLAN



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 04/06
DATE - 30,04.2024	AR, 119/24(S)	
eFILE NO:	CAPWD-A20-KTM/2/202	
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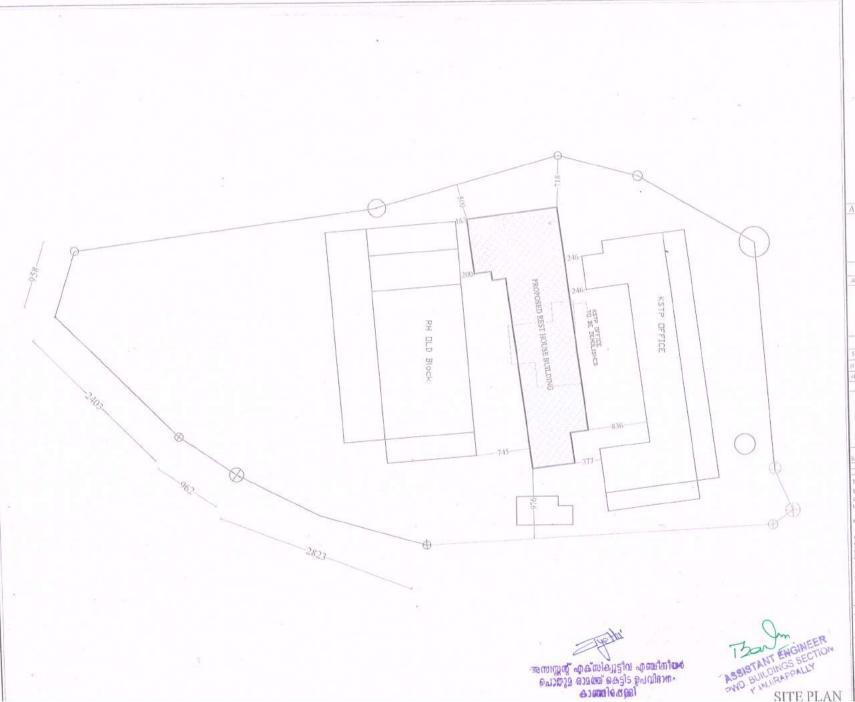
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- 4,Rule nos. 5(2) & 7(2) of KMBR 1999 should be satisfied before executing the project.
- 5.Concurrence from concerned Judicial authorities should be obtained before execution at site.

S.Gopakumin Archi DiXin Girish, V.S. Charl Architect

SECOND FLOOR PLAN



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 DOMENSIONS ARE IN CMS

PROPOSED NEW BUILDING FOR GOVT REST HOUSE KANJIRAPPALLY, KOTTAYAM

	PLAN	
SCALE NTS	DRG NO:	SH:NO
DATE: 30.04.2031	AR, 119/24(S)	02/06
eFILE NO:	CAPWD-A20-KTM/2/20.	H-SAI-AR
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GOVERNMENT OF KERALA PUBLIC WORKS DEPARTMENT OFFICE OF THE CHIEF ARCHITECT THIRUVANANTHAPURAM 695 033

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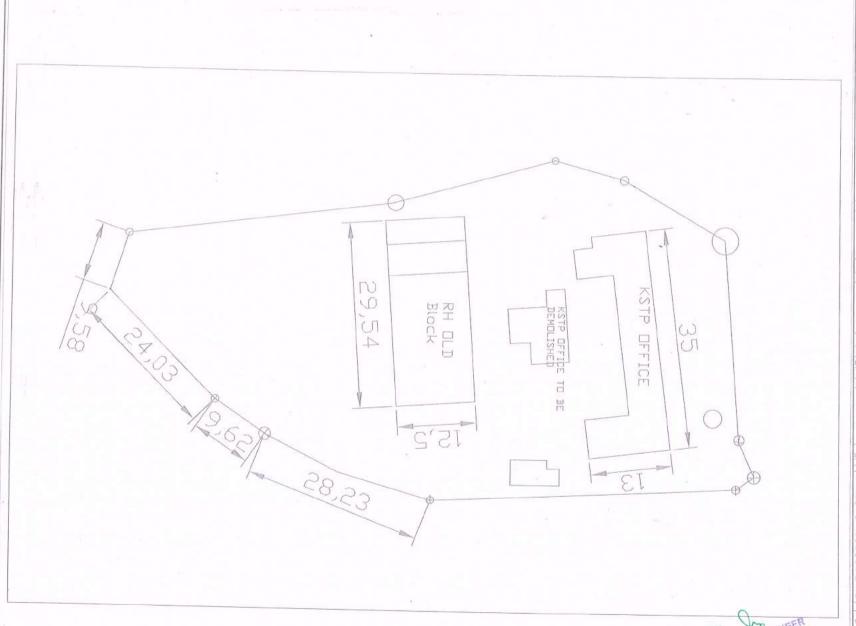
 3. In the event of any discrepancies between any
- Architectural drawings and Structural drawings or other Engineering drawings or Site conditions or otherwise immediate reference is to be made to the Chief Architect for clarifications prior to execution of work at site. 4.Rule nos. 5(2) & 7(2) of KMBR 1999 should be

satisfied before executing the project.

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

1	AME DI	SIGNATION	SWILLIAMS
Done by	S.Gopakwasar	Archi (DiMas	gam
Designed! Checked by	Susya Nair	Sr. Architect	Suya.
Rainsofts	Girish, V.5	Deputy Chief Architect	S
t-	Rairey P.S.	Chief Arciatoct	1

SITE PLAN



ാലസിസ്റ്റൻ, ഇഴുത്തു രഴുട്ടിറ്റ എഞ്ഞുവരം ചൊത്യുള്ള ആയുത്തു രഴുട്ടിറ്റ് എഞ്ഞുവരു വാത്യുള്ള ആയുത്തു വാത്രു

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 SOM

ALL DIMENSIONS ARE IN CMS

PROPOSED NEW BUILDING FOR GOVT REST HOUSE KANJIRAPPALLY, KOTTAYAM

	PLAN	
SCALE: NTS	DRG NO:	SHIND
DATE: 30.04.2024	AR, 119/24(S)	0.1/06
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GOVERNMENT OF KERALA PUBLIC WORKS DEPARTMENT OFFICE OF THE CHIEF ARCHITECT THIRUVANANTHAPURAM 695 033

	Revision details	
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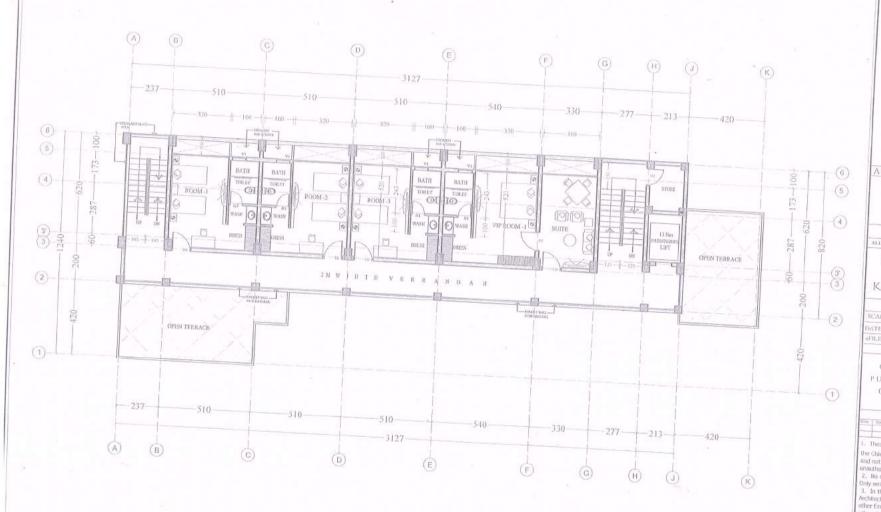
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- Architectural drawings and Structural drawings or other Engineering drawings or Site conditions or otherwise immediate reference is to be made to the Clief Architect for clarifications prior to execution of work at site. 4.Rule nos. 5(2) & 7(2) of KMBR 1999 should be

satisfied before executing the project.

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

		WAME	DESIGNATION	SIGNATION
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Til Kr.	Beriowed by	Girish, V.S.	Dapuis Chief Archiect	Sh
SURVEY PLAN		D-1 D.F.	440 - 60 0	h



അസിസ്റ്റർ എക്സികുട്ടിയ എഞ്ചിനിയർ പൊതുമ രാമത്ത് കെട്ടിട ഉപവിഭാഗം കാഞ്ഞിപ്പേള്ളി

FIRST FLOOR PLAN

AREA	
AREA OF GROUND FLOOR - AREA OF FIRST FLOOR -	324 SQM 264 SQM
AREA OF SECOND FLOOR -	264 SQM 62 SQM
AREA OF ALL FLOORS - LDIMENSIONS ARE INCMS	914 SQM

PROPOSED NEW BUILDING FOR GOVT REST HOUSE KANJIRAPPALLY, KOTTAYAM

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

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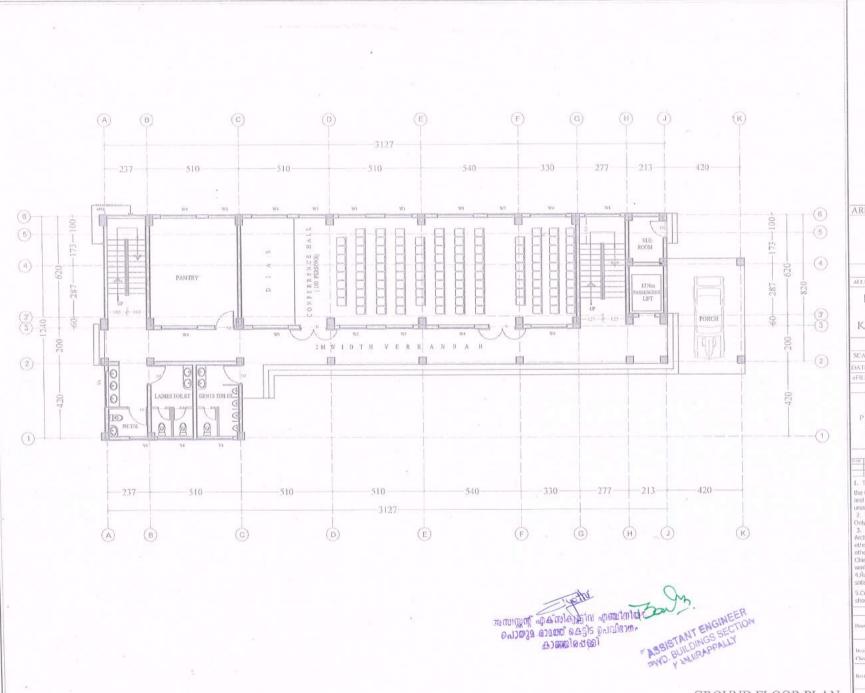
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4.Rule nos. 5(2) & 7(2) of KMBR 1999 should be satisfied before executing the project.

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

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Drawn by	S.Gopakamar	Aidd (PMas	Guple
Designed Checked by	Surya Nair	Sr Architect	huge
Reviewed by	Girish, V.S	Deputy Chief Architect	91
	4-		1



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 DR G NO: S.H.: NO
DATE : 30.04 2024 AR. 119/24(S) 06/06

eFILE NO CAPWD-A20-KTM/7/2024-SA4-AR

ALL DIMENSIONS ARE IN CMS

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

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Duawn ly	S.Gopakumar	Archi :DOlan	Gopha
Designof Checked by	Surya Nair	Sr Architect	Suga
Review of In-	Girish, V.S.	Begusy Clinef Ascentact	<u> </u>
Approval by	Rageev P.S	Chief Architect	- h_

GROUND FLOOR PLAN

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

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24-02-2023

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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 ചങ്ങ നാശേരി ടി ബി യിൽ നിന്നും ക്രോട്ടയം ഗസ്റ്റ് ഹൗസ്ലിൽ നിന്നും 40 ലധികം കിലോമീറ്റർ ദൂരത്ത് സ്ഥിതി ചെയ്യുന്ന വിശ്രമകേന്ദ്രമാണ്. 'വളരെയധികം സ്ഥലപരിമിതിയും കെട്ടിടത്തിൽ നിലവിലെ പഴക്കമുള്ള സൗകര്യക്കുറവും വളരെയധികം അനുഭവിക്കുന്നുണ്ട്. കെട്ടിടം നിർമിക്കുന്നതിനാവശ്യമായ സ്ഥലം ലഭ്യമാണ്. പ്രസ്തുത ടി ബി ക്ക് ആധുനിക സൗകര്യങ്ങളോടുകൂടി ഒരു കെട്ടിടം കൂടി നിർമിക്കുന്നതിന് തുക അനുവദിക്കുന്നതിന് ആവശ്യമായ നടപടികൾ സ്വീകരിക്കണമെന്ന് താത്പര്യപ്പെടുന്നു.

വിശ്വസ്തതയോടെ

കിന്റെവുത്തെ മെ മെ വരി വരാ ക്കാര് വരാ ക്രാൻ വരാ ക് waster Toros winder on sid ment south and form waster DAS 325 DIESUR DIOTONO, UMBS) OMBDING MESBOMO