



ABSTRACT

Schemes – Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS) – Construction of 2,043 Kitchen Sheds at a total estimated cost Rs.153.99 crore under MGNREGS 2022-2023 – Permission accorded – Orders – Issued.

RURAL DEVELOPMENT AND PANCHAYAT RAJ (CGS.1) DEPARTMENT

G.O.(Ms.)No.67

Dated: 04.05.2023

சோபகிருது, சித்திரை 21

திருவள்ளூர் ஆண்டு-2054

Read:

1. G.O.(Ms.)No.56, Rural Development and Panchayat Raj (CGS.1) Department, Dated: 21.04.2022
2. G.O.(Ms.)No.74, Rural Development and Panchayat Raj (CGS.1) Department, Dated:28.06.2022.
3. G.O.(Ms.)No.62, Rural Development and Panchayat Raj (CGS 1) Department, dated 20.05.2022.
4. G.O.(Ms.)No.48, Rural Development and Panchayat Raj (CGS 1) Department, dated 29.03.2023.
5. The Commissioner of Rural Development and Panchayat Raj, letter No.42125/2021/MGNREGS II.2, dated 15.03.2023.

ORDER:

In the Government order first read above, orders were issued for revision of wages from Rs.273/- to Rs.281/- per person per day with effect from 01.04.2022 under Mahatma Gandhi National Rural Employment Guarantee Scheme and consequently in the Government order second read above, orders were issued revising Rural Schedule of Rates (RSoR) for the Financial Year 2022-23 under Mahatma Gandhi National Rural Employment Guarantee Scheme.

2. In the Government Order third read above, orders were issued according permission to take up works to the tune of Rs.3,006.09 crore under MGNREGS 2022-2023 and in the Government Order fourth read above, orders were issued according permission for construction of Dug Well, Food Grain Godown, Direct Purchase Centre, Milk Production's Co-operative Society Building, RCC Slab Culvert and Minor Bridge at an estimated cost of Rs.251.74 crore under MGNREGS 2022-2023.

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3. In the letter fifth read above, the Commissioner of Rural Development and Panchayat Raj, has sent a proposal for construction of 2,043 Kitchen Sheds at an estimated cost of Rs.153.99 crore under Mahatma Gandhi National Rural Employment Guarantee Scheme during the year 2022-2023 with the Central share of Rs.119.52 crore and the State share of Rs.34.47 crore as detailed below:-

- (i) Construction of 1,824 Kitchen Sheds -Type I (up to 100 students);
- (ii) Construction of 191 Kitchen Sheds - Type II (up to 101-300 students);
- (iii) Construction of 11 Kitchen Sheds – Type III (up to 301-400 students);
- (iv) Construction of 2 Kitchen Sheds – Type IV (up to 401-500 students);
- (v) Construction of 15 Kitchen Sheds – Type V (up to 501 – 600 students).

4. The Government have examined the proposal of the Commissioner of Rural Development and Panchayat Raj, in detail and decided to accord permission to take up the following works :-

- i) Construction of 1,824 Kitchen Sheds -Type I (up to 100 students) to the total value of Rs.135.32 crore at the unit cost of Rs.7.43 lakh under MGNREGS 2022-23 as per the Estimate in Annexure-I and Type Design in Annexure-II annexed to this order;
- ii) Construction of 191 Kitchen Sheds - Type II (up to 101-300 students) to the total value of Rs.15.83 crore at the unit cost of Rs.8.29 lakh under MGNREGS 2022-23 as per the Estimate in Annexure-III and Type Design in Annexure IV annexed to this order;
- iii) Construction of 11 Kitchen Sheds – Type III (up to 301-400 students) to the total value of Rs.0.98 crore at the unit cost of Rs.8.9 lakh under MGNREGS 2022-23 as per the Estimate in Annexure-V and Type Design in Annexure VI annexed to this order;
- iv) Construction of 2 Kitchen Sheds – Type IV (up to 401-500 students) to the total value of Rs.0.19 crore at the unit cost of Rs.9.40 lakh under MGNREGS 2022-23 as per the Estimate in Annexure-VII and Type Design in VIII annexed to this order;
- v) Construction of 15 Kitchen Sheds – Type V (up to 501 – 600 students) to the total value of Rs.1.47 crore at the unit cost of Rs.9.82 lakh under MGNREGS 2022-23 as per the Estimate in Annexure-IX and Type Design in Annexure X annexed to this order.

5. The funding pattern for the works from 4(i) to 4(v) above shall be as follows:-
(Rupees in Crore)

(a) Construction of Kitchen Shed Type I (Upto 100 Students)					
Description	Material Component (89.55%)			Labour Component (10.45%) (Central Share 100%)	Total
	Central Share (75%)	State Share (25%)	Total		
Cost of construction of 1824 Kitchen sheds - Type I 1824 Nos x Rs.7.43 Lakhs = Rs.13552.32 Lakhs (Rs.135.52 Crores)	91.02	30.34	121.36	14.16	135.52
(b) Construction of Kitchen Shed Type II (Upto 101-300 Students)					
Description	Material Component (89.47%)			Labour Component (10.53%) (Central Share 100%)	Total
	Central Share (75%)	State Share (25%)	Total		
Cost of construction of 191 Kitchen sheds - Type II 191 Nos x Rs.8.29 Lakhs = Rs. 1583.39 Lakhs (Rs.15.83 Crores)	10.62	3.54	14.16	1.67	15.83
(c) Construction of Kitchen Shed Type III (Upto 301-400 Students)					
Description	Material Component (89.42%)			Labour Component (10.58%) (Central Share 100%)	Total
	Central Share (75%)	State Share (25%)	Total		
Cost of construction of 11 Kitchen sheds Type III 11 Nos x Rs.8.90 Lakhs = Rs. 97.90 Lakhs (Rs.0.98 Crores)	0.66	0.22	0.88	0.10	0.98
(d) Construction of Kitchen Shed Type IV (Upto 401-500 Students)					
Description	Material Component (89.53%)			Labour Component (10.47%) (Central Share 100%)	Total
	Central Share (75%)	State Share (25%)	Total		
Cost of construction of 2 Kitchen sheds Type IV 2 Nos x Rs. 9.40 Lakhs = Rs. 18.8 Lakhs (Rs.0.19 Crores)	0.13	0.04	0.17	0.02	0.19

(e) Construction of Kitchen Shed Type V (Upto 501-600 Students)					
Description	Material Component (89.39%)			Labour Component (10.61%) (Central Share 100%)	Total
	Central Share (75%)	State Share (25%)	Total		
Cost of construction of 15 Kitchen sheds - Type V 15 Nos x Rs. 9.82 Lakhs = Rs. 147.3 Lakhs (Rs.1.47 Crores)	0.99	0.33	1.32	0.15	1.47

6. The selection and execution procedure for the works from 4(i) to 4(v) above and Non-Negotiable items shall be as follows:-

(a) Selection and Execution Procedure :

- Priority should be given wherever utmost necessary kitchen shed is not available;
- Student strength in the school also to be taken into consideration for the selection;
- Due to implementation of Chief Minister flagship Breakfast Scheme in Schools, extra store room has been added to Kitchen Shed. Hence, type design is changed for new Kitchen Sheds as detailed below:-

S.No	As per New type design					
	Description	Student Strength	Requirement	Area in Sqm	Area in Sqft	Estimate Amount (Rs. in lakhs)
1	Type – I	Upto 100	1824	29.00	312.04	7.43
2	Type – II	101-300	191	34.7	373.37	8.29
3	Type -III	301-400	11	38.9	418.56	8.9
4	Type – IV	401-500	2	42.3	455.15	9.4
5	Type – V	501-600	15	45.2	486.35	9.82

The Labour cost is borne 100% by the Government of India and the material cost is shared at the ratio of 75:25 by the Government of India and the State Government respectively.

(b) Non-Negotiable Items:

- (1) Citizen Information Board (CIB) shall be kept at the work site in 3 X 4 feet with all necessary information as per the framework given by the Government of India vide Ref No: k11023/1/1/2017 – MGNREGA (IV), Ministry of Rural Development, Dated 07.04.2017. The Citizen Information Board with wall writing shall be painted at Rs.850/-per unit for Individual Asset and Rs.1,000/- for Community Assets. The Citizen Information Board should only be wall painted for the works like Dugwells, Kitchen Shed, Food Grain Godown, Milk Collection Centre, Culvert and Minor Bridge etc.

- (2) Estimate creation, Administrative Sanction and Technical Sanction shall be done in SECURE software except for Convergence/ Devolution Works.
- (3) Geo-Tagging of Assets at all three i.e before, during and after completion should be ensured.
- (4) In the Notification dated 28.03.2022, Ministry of Rural Development, Government of India, have notified the wage rate and the Rural Schedule of Rates has been prepared accordingly for all the estimate preparation. In case of any revision made in Rural Schedule of Rates in future, the same shall be adopted for the works.

In addition to the above said guidelines, the following shall also be adhered to during the execution of works;

- Resolution should be obtained in the Gram Sabha for all the Selected Works / Beneficiaries Selected and it should be entered work wise in Register No.2 of Mahatma Gandhi NREGA of village panchayats concerned.
- Photographs shall be taken before execution, during execution and after completion of work.

7. The Commissioner of Rural Development and Panchayat Raj is requested to give instructions to the District Collectors to implement the works with the reference to the Estimates annexed to this Order and send the progress report periodically to Government. The fund release will be done only after getting the release of Central Share.

8. This order issues with the concurrence of Finance Department vide its U.O.No.61/DS(RR)/2023, dated 04.05.2023.

(BY ORDER OF THE GOVERNOR)

**P.AMUDHA
PRINCIPAL SECRETARY TO GOVERNMENT**

To

The Commissioner of Rural Development and Panchayat Raj,
Chennai-15.

All District Collectors (except Chennai District).
(through the CRD&PR, Chennai-15)

All Project Directors, District Rural Development Agencies
(through the Commissioner of Rural Development and Panchayat Raj,
Chennai-15).

Copy to:

The Hon'ble Chief Minister's Office, Secretariat, Chennai-9.

The Senior Personal Assistant to Hon'ble Minister (Finance & HRM), Chennai-9.


The Senior Personal Assistant to Hon'ble Minister (Rural Development), Chennai-9.

The Principal Private Secretary to Chief Secretary to Government, Chennai-9.

The Principal Private Secretary to Principal Secretary to Government,
Rural Development and Panchayat Raj Department, Chennai-9.

The Finance (RD) Department, Chennai-9.
The Accountant General, Chennai-18 / The Resident Audit Officer, Chennai-9.
The Pay and Accounts Officer (South), Chennai-35.
The National Informatics Centre, Secretariat, Chennai-9.
Stock file / Spare copy

//FORWARDED BY ORDER//


SECTION OFFICER
செய்த

ANNEXURE-I

G.O.(Ms).No.67, R.D & P.R (CGS-1) Dept., dated: 0.05.2023

Construction of Kitchen Shed (Elementary School)

Estimate Amount Rs:		743000							
Area		29.00 m² , 312.04 Sq.ft. Plan I [Upto 100 students]							
DETAILED - cum - ABSTRACT ESTIMATE									
Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
1	Earth work excavating and deposition on bank with intial lead and lift all clauses of soil such as hard stiff clay soil ,stiff black cotton soil small size boulders and hard gravel soil as per SS 20 B for foundation etc.,(0.0-0.30m)								
	Alround Hall	1	x	1	20.84	0.90	0.30	5.63	
	Cross wall between store 1 and Store 2	1	x	1	1.83	0.90	0.30	0.49	
	Cross wall between store and kitchen	1	x	1	3.56	0.90	0.30	0.96	
	Cross wall between Verandah and kitchen	1	x	1	2.33	0.90	0.30	0.63	
	Steps	1	x	1	3.23	1.20	0.20	0.78	
								8.49	
	Qty	8.49				268.19	M ³		2276
2	Earth work excavating and deposition on bank with intial lead and lift all clauses of soil such as hard stiff clay soil ,stiff black cotton soil small size boulders and hard gravel soil as per SS 20 B for foundation etc., (0.30-0.60m)								
	Alround Hall	1	x	1	20.84	0.90	0.30	5.63	
	Cross wall between store 1 and Store 2	1	x	1	1.83	0.90	0.30	0.49	
	Cross wall between store and kitchen	1	x	1	3.56	0.90	0.30	0.96	
	Cross wall between Verandah and kitchen	1	x	1	2.33	0.90	0.30	0.63	
								7.71	
	Qty	7.71				331.07	M ³		2553
3	Earth work excavating and deposition on bank with intial lead and lift all clauses of soil such as hard stiff clay soil ,stiff black cotton soil small size boulders and hard gravel soil as per SS 20 B for foundation etc.,(above 0.60m)								

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
	Around Hall	1	x	1	20.84	0.90	0.60	11.25	
	Cross wall between store 1 and Store 2	1	x	1	1.83	0.90	0.60	0.99	
	Cross wall between store and kitchen	1	x	1	3.56	0.90	0.60	1.92	
	Cross wall between Verandah and kitchen	1	x	1	2.33	0.90	0.60	1.26	
								15.42	
	Qty	15.42				343.85	M ³		5303
4	Sand filling with river sand including all cost and conveyance of all labour charges etc., Complete.								
	Building around	1	x	1	20.84	0.90	0.10	1.88	
	Cross wall between store 1 and Store 2	1	x	1	1.83	0.90	0.10	0.16	
	Cross wall between store and kitchen	1	x	1	3.56	0.90	0.10	0.32	
	Cross wall between Verandah and kitchen	1	x	1	2.33	0.90	0.10	0.21	
	Basement	1	x	1	5.73	4.23	0.30	7.27	
	D/F Cross wall between store 1 and Store 2	-1	x	1	2.28	0.45	0.30	-0.31	
	D/F Cross wall between store and kitchen	-1	x	1	4.01	0.45	0.30	-0.54	
	D/F Cross wall between Verandah and kitchen	-1	x	1	2.78	0.45	0.30	-0.38	
	Steps	1	x	1	3.23	1.20	0.10	0.39	
								9.00	
	Qty	9.00				1683.30	M ³		15158
5	Cement concrete in 1:4:8 mix using 40mm ISS HBG metal including all Cost and conveyance of labour charges etc.,Complete.,								
	Building around	1	x	1	20.84	0.90	0.15	2.81	
	Cross wall between store 1 and Store 2	1	x	1	1.83	0.90	0.15	0.25	
	Cross wall between store and kitchen	1	x	1	3.56	0.90	0.15	0.48	
	Cross wall between Verandah and kitchen	1	x	1	2.33	0.90	0.15	0.31	

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
	Basement	1	x	1	5.73	4.23	0.10	2.42	
	D/F Cross wall between store 1 and Store 2	-1	x	1	2.28	0.45	0.10	-0.10	
	D/F Cross wall between store and kitchen	-1	x	1	4.01	0.45	0.10	-0.18	
	D/F Cross wall between Verandah and kitchen	-1	x	1	2.78	0.45	0.10	-0.13	
	Raised platform 1	1	x	1	2.00	0.60	0.30	0.36	
	Raised platform 2	1	x	1	2.50	0.60	0.30	0.45	
	Steps	1	x	1	3.23	1.20	0.10	0.39	
								7.07	
	Qty	7.07				4810.49	M³		34005
6	Random Rubble Masonry in CM 1:5 mix using required bond stone with simultaneious pointing including all cost and conveyance of labour charges etc.,								
	Building alround I st footing	1	x	1	20.84	0.75	0.45	7.03	
	II nd Footing	1	x	1	20.84	0.60	0.45	5.63	
	basement	1	x	1	20.84	0.45	0.60	5.63	
	Cross wall between store 1 andStore 2 I st footing	1	x	1	1.98	0.75	0.45	0.67	
	II nd Footing	1	x	1	2.13	0.60	0.45	0.58	
	basement	1	x	1	2.28	0.45	0.60	0.62	
	Cross wall between store and kitchen I st footing	1	x	1	3.71	0.75	0.45	1.25	
	II nd Footing	1	x	1	3.86	0.60	0.45	1.04	
	basement	1	x	1	4.01	0.45	0.60	1.08	
	Cross wall between Verandah and kitchen I st footing	1	x	1	2.48	0.75	0.45	0.84	
	II nd Footing	1	x	1	2.63	0.60	0.45	0.71	
	basement	1	x	1	2.78	0.45	0.60	0.75	
								25.82	

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
	Qty	25.82				5133.92	M ³		132562
7	Brick work in CM 1:5 mix using country bricks size of 9" X 43/8" x 23/4" including all cost and conveyance of labour charges etc.,Complte.								
	upto basement								
	Brick on Edge - main wall around	1	x	1	20.84	0.45	0.075	0.70	
	D/F plinth beam	-1	x	1	20.84	0.23	0.075	-0.36	
	Brick on Edge -Cross wall between store 1 and 2	1	x	1	2.28	0.45	0.075	0.08	
	D/F plinth beam	-1	x	1	2.5	0.23	0.075	-0.04	
	Brick on Edge -Cross wall between store and kitchen	1	x	1	4.01	0.45	0.075	0.14	
	D/F plinth beam	-1	x	1	4.23	0.23	0.075	-0.07	
	Brick on Edge -Cross wall between Verandah and kitchen	1	x	1	2.78	0.45	0.075	0.09	
	D/F plinth beam	-1	x	1	3	0.23	0.075	-0.05	
	Steps	1	x	1	3.23	0.90	0.15	0.44	
	Steps	1	x	1	3.23	0.60	0.15	0.29	
	Steps	1	x	1	3.23	0.30	0.15	0.15	
								1.35	
		1.35				5547.53	M³		7513
	Ground floor								
	Main wall around	1	x	1	20.84	0.23	3.05	14.62	
	Cross wall between store 1 and 2	1	x	1	2.5	0.23	3.05	1.75	
	Cross wall between store and kitchen	1	x	1	4.23	0.23	3.05	2.97	
	Cross wall between Verandah and kitchen	1	x	1	3	0.23	3.05	2.10	
	Parapet around	1	x	1	20.84	0.23	0.30	1.44	

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
	Brick Pillar	1	x	1	0.23	0.23	2.10	0.11	
	Cup board	2	x	3	0.45	0.115	2.00	0.62	
	Deductions								
	Deduct - Door	-1	x	3	0.90	0.23	2.10	-1.30	
	verandah open	-1	x	1	4.46	0.23	2.10	-2.15	
	Window W1	-1	x	4	0.90	0.23	1.30	-1.08	
	Lintel all round	-1	x	1	20.84	0.23	0.15	-0.72	
	Cross wall between store 1 and 2	-1	x	1	2.50	0.23	0.15	-0.09	
	Cross wall between store and kitchen	-1	x	1	4.23	0.23	0.15	-0.15	
	Cross wall between Verandah and kitchen	-1	x	1	3.00	0.23	0.15	-0.10	
								18.03	
	Qty			18.03		5622.33	M³		101346
8	Supplying and erecting centering are strutting including necessary supports for place surface for RCC columns footing pedestal beam criticals pears etc., using mild steel angles of sizes 90 x 90 x 10 cm gauge stiffness welded mild steel of sizes 25 x 25 x 3 cm for boarding laying over silver oak joists of single 10cm - 6.5cm space of 75cm ceter to center								
	Lintel								
	Door Bottom	1	x	3	0.90	0.23		0.62	
	Window Bottom W1	1	x	4	0.90	0.23		0.83	
	Window Sunshade Bottom								
	Window Sunshade	3	x	1	1.36	0.60		2.45	
	Window sunshade sides	1	x	3	2.56		0.05	0.38	
	Sunshade -verandah	1	x	1	4.92	0.60		2.95	
	Sunshade -verandah sides	1	x	1	6.12		0.05	0.31	
	Lintel Walls alround	1	x	2	20.84		0.15	6.25	
	Cross wall between store 1 and 2	1	x	2	2.50		0.15	0.75	
	Cross wall between store and kitchen	1	x	2	4.23		0.15	1.27	

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
	Cross wall between Verandah and kitchen	1	x	2	3.00		0.15	0.90	
	Roof slab bottom Store	1	x	1	2.50	4.23		10.58	
	D/F Wall b/w store 1& 2	-1	x	1	2.50	0.23		-0.58	
	Roof slab bottom Kitchen/verandah	1	x	1	3.00	4.46		13.38	
	D/F Cross wall between Verandah and kitchen	-1	x	1	3.00	0.23		-0.69	
	Roof sides aloud	1	x	1	21.76		0.12	2.61	
								42.01	
	Qty	42.01			m²	911.00			38272
9	Supplying and Fabrication of steel for RCC works including all cost of cutting bending and tying of steels and kept ready for concrete in position etc.,								
	Qty	0.50			mt	87400.75			44095
10	R C C 1:11/2:3 mix usinig 20mm ISS HBG metal including all cost and conveyance of labour charges etc., Complete.,								
	Plinth Beam aloud	1	x	1	20.84	0.23	0.075	0.36	
	Cross wall between store 1 and 2	1	x	1	2.50	0.23	0.075	0.04	
	Cross wall between store and kitchen	1	x	1	4.23	0.23	0.075	0.07	
	Cross wall between Verandah and kitchen	1	x	1	3.00	0.23	0.075	0.05	
	Lintel aloud	1	x	1	20.84	0.23	0.15	0.72	
	Cross wall between store 1 and 2	1	x	1	2.50	0.23	0.15	0.09	
	Cross wall between store and kitchen	1	x	1	4.23	0.23	0.15	0.15	
	Cross wall between Verandah and kitchen	1	x	1	3.00	0.23	0.15	0.10	
	W Front sunshade	1	x	3	1.36	0.60	0.063	0.15	
	Sunshade -verandah	1	x	1	4.92	0.60	0.063	0.18	
	Roof slab	1	x	1	6.19	4.69	0.12	3.48	
	Cup board slab	2	x	5	0.90	0.45	0.05	0.20	

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
								5.61	
	Qty	5.61			m³	8164.43			45768
11	Plastering with CM 1:3 mix using 10 mm thick including all cost and conveyance of labour charges etc.,								
	Roof ceiling - Store 1	1	x	1	2.50	2.00		5.00	
	Roof ceiling - Store 2	1	x	1	2.50	2.00		5.00	
	Ceiling - Kitchen	1	x	1	3.00	3.00		9.00	
	verandah ceiling	1	x	1	3.23	1.23		3.97	
								22.97	
	Qty	22.97			m²	263.40			6051
12	Plastering with CM 1:5 mix 12mm thick including all cost and conveyance of labour charges etc., complete.								
	Store : 1 inner wall around	1	x	1	9.00		3.05	27.45	
	Store 2 inner wall around	1	x	1	9.00		3.05	27.45	
	Kitchen inner wall around	1	x	1	12.00		3.05	36.60	
	verandah	1	x	1	4.46		3.05	13.60	
	Outside wall around	1	x	1	21.76		3.50	76.16	
	Sunshade window	2	x	3	1.36	0.60		4.90	
	Sunshade -verandah	2	x	1	4.92	0.60		5.90	
	Parapet wall inside	1	x	1	19.92		0.30	5.98	
	Parapet Top	1	x	1	20.84	0.23		4.79	
	Steps								
	Step Tread	1	x	3	3.23	0.30		2.91	
	Step Riser	1	x	3	3.23		0.15	1.45	
	Deduct								
	Door	-2	x	3	0.90		2.10	-11.34	
	Window	-2	x	4	0.90		1.30	-9.36	
								186.49	
	Qty	186.49			m²	228.64			42640

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
13	Weathering coarse with Brick jelly lime concrete using 20mm brick jelly with slacked lime in the ratio of 32:12.5 including cost and conveyance of all materials to site and all labour charges for mixing , laying ,and finishing etc complete for 10 cum								
	Terrace	1	x	1	5.73	4.23	0.075	1.82	
								1.82	
	Qty	1.82			m²	3592.62			6531
14	Finishing the roof with one course of pressed tiles of size 23cm X 23cm X 2cm and top of pointing with CM 1:3 mix including all cost and conveyance of labour charges etc.,								
	Terrace	1	x	1	5.73	4.23		24.24	
	Skirting wall alround	1	x	1	19.92		0.20	3.98	
								28.22	
	Qty	28.22			m²	1128.03			31835
15	Granolithic flooring with CC 1;2:4 mix using 10mm -12mm ISS chips HBG metal including all cost and conveyance of labour charges etc.,								
	Store 1	1	x	1	2.50	2.00		5.00	
	Store 2	1	x	1	2.50	2.00		5.00	
	Kitchen	1	x	1	3.00	3.00		9.00	
	verandah open	1	x	1	3.23	1.23		3.97	
	Door soffits	1	x	3	0.90	0.23		0.62	
	Raised platform 1	1	x	1	2.00	0.60		1.20	
	Raised platform 2	1	x	1	2.50	0.60		1.50	
								26.29	
	Qty	26.29				148.01			3892
16	Supply of door of size of 0.90 x 2.10 including all cost and conveyance etc.,								
	Door	1	x	3	0.90		2.10	5.67	
	Qty	3.00			m²	5760			17280
17	Supply of Window of size of 0.90 x 1.30 including all cost and conveyance etc.,								
	Window	1	x	4	0.90		1.30	4.68	
								4.68	
	Qty	4.00			No	6500			26000
18	Distemping two coats using best quality and approved colour oil bound distemper over one coat of cemet paint including all cost of labour charge etc.,								
	Roof ceiling - Store 1	1	x	1	2.50	2.00		5.00	

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
	Roof ceiling - Store 2	1	x	1	2.50	2.00		5.00	
	Ceiling - Kitchen	1	x	1	3.00	3.00		9.00	
	Verandah ceiling	1	x	1	3.23	1.23		3.97	
	Store 1 inner wall around	1	x	1	9.00		3.05	27.45	
	Store 2 inner wall around	1	x	1	9.00		3.05	27.45	
	Kitchen inner wall around	1	x	1	12.00		3.05	36.60	
	Deduct								
	Door	-1	x	4	0.90		2.10	-7.56	
	Window	-1	x	4	0.90		1.30	-4.68	
								102.23	
	Qty	102.23				158.46	M ²		16200
19	Painting two coats of newly plastered wall surface with ready mixed plastic emulsion paint of first class quality and of approved colour over a priming coat including thorough scrapping, clean removal of dirt, and including necessary plaster of paris putty, wherever required etc., complete complying with standard specification.								
	Outside wall around	1	x	1	21.76		3.50	76.16	
	Parapet wall inside	1	x	1	19.92		0.30	5.98	
	Parapet Top	1	x	1	20.84	0.23		4.79	
	verandah two sides	1	x	1	4.46		3.05	13.60	
	Steps								
	Step Tread	1	x	3	3.23	0.30		2.91	
	Step Riser	1	x	3	3.23		0.15	1.45	
	Deduct								
	Door	-1	x	2	0.90		2.10	-3.78	
	Window	-1	x	4	1.20		1.30	-6.24	
								94.87	
	Qty	94.87				222.66	M ²		21124
20	Supplying and painting two coats new iron work such as steel doors ventilators, window bars etc., (WITHOUT PRIMER)								
	Main Door	2	x	3	0.90		2.10	11.34	
	Window	2	x	4	0.90		1.30	9.36	
								20.70	

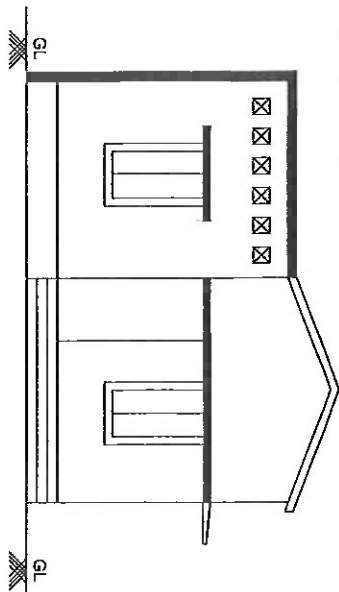
Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
	Qty	20.70				133.79			2769
									603172
21	Front Elevation						LS		7000
22	Providing Kitchen stage ,wash Basin and Washing area arrangements								12000
23	Providing Electrification Arrangements (16 amp switch with earthing,light points and exhaust fan 2 nos)								10000
	Provision for water supply								2000
25	Provision for Name Board arrangements								1000
	Sub total								
26	Photo charges								500
27	GST 18%								106747
28	Contegencies and unforeseen charges etc,,								580
	Total								743000

P.AMUDHA
PRINCIPAL SECRETARY TO GOVERNMENT

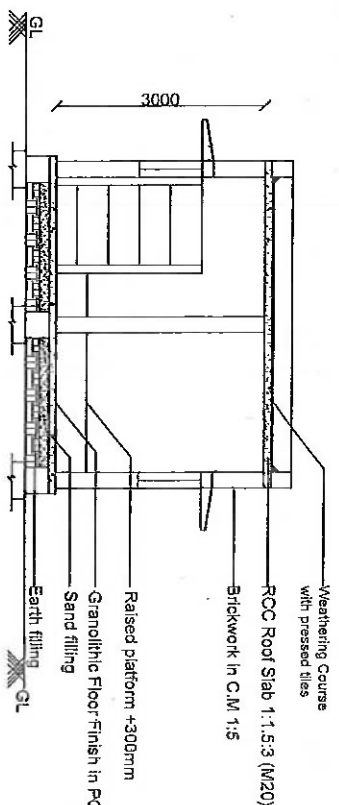
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SECTION OFFICER

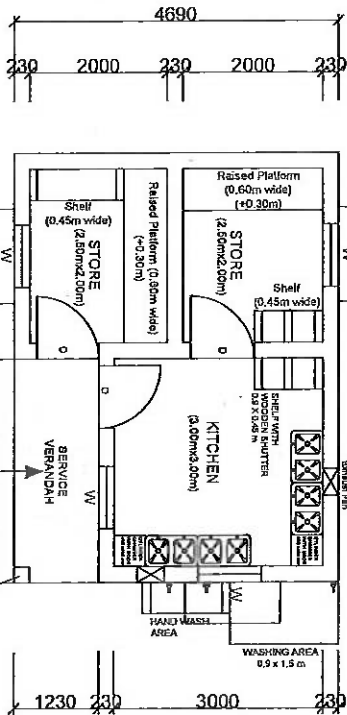
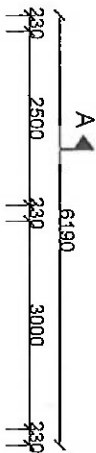
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ELEVATION



SECTION-AA'



PLAN-1 (UPTO 100 STUDENTS)

- NOTE:
- ECONOMICAL FOUNDATION FOOTING ONLY TO BE ADOPTED AND DEPTH OF FOUNDATION SHOULD BE BASED ON SBC OF SOIL MET WITH AT THE SITE OF CONSTRUCTION.
 - FLOORING SHOULD BE DONE USING GRANULITHIC FLOORING.
 - PLINTH PROTECTION PLATFORM SHOULD BE PROVIDED AROUND THE BUILDING
 - SILL SLAB MAY BE PROVIDED BELOW ALL WINDOW OPENINGS

PLINTH AREA : 29 SQM/312 SQFT

Sl. NO.	TYPE	SIZE		SILL	TOP	DESCRIPTION	REMARKS
		WIDTH	HEIGHT				
1	D	500	2000	-	2100	STEEL DOOR WITH 10 GA# SHEET SHUTTER	SINGLE LEAF
2	W	500	1300	500	2100	STEEL WINDOW WITH 10GA# SHEET SHUTTER 612X600	TWO LEAFES

DIRECTORATE OF RURAL DEVELOPMENT

SCALE 1:50

DATE: _____

ALL DIMENSIONS ARE IN MM.

JOB NO. _____ DRAWING NO. _____

DESIGNER: _____

CHECKER: _____

TYPE DESIGN FOR KITCHEN SHED (ELEMENTARY SCHOOL)

BY: AN SIVAPATHI (ARCHT. SECTIAN)

PAMUDHA
PRINCIPAL SECRETARY TO GOVERNMENT

//TRUE COPY//

SECTION OFFICER

ANNEXURE-III

G.O.(Ms).No.67, R.D & P.R (CGS-1) Deptt., dated:04.05.2023

Construction of Kitchen Shed (Elementary School)

Estimate Amount Rs: 829000

**Area 34.7 m² , 373.37 Sq.ft.
Plan II [101-300 students]**

DETAILED - cum - ABSTRACT ESTIMATE

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
1	Earth work excavating and deposition on bank with intial lead and lift all clauses of soil such as hard stiff clay soil ,stiff black cotton soil small size boulders and hard gravel soil as per SS 20 B for foundation etc.,(0.0-0.30m)								
	Alround Hall	1	x	1	22.84	0.90	0.30	6.17	
	Cross wall between store 1 and Store 2	1	x	1	2.33	0.90	0.30	0.63	
	Cross wall between store and kitchen	1	x	1	4.06	0.90	0.30	1.10	
	Cross wall between Verandah and kitchen	1	x	1	2.33	0.90	0.30	0.63	
	Steps	1	x	1	3.23	1.20	0.20	0.78	
								9.30	
	Qty	9.30				268.19	M ³		2493
2	Earth work excavating and deposition on bank with intial lead and lift all clauses of soil such as hard stiff clay soil ,stiff black cotton soil small size boulders and hard gravel soil as per SS 20 B for foundation etc., (0.30-0.60m)								
	Alround Hall	1	x	1	22.84	0.90	0.30	6.17	
	Cross wall between store 1 and Store 2	1	x	1	2.33	0.90	0.30	0.63	
	Cross wall between store and kitchen	1	x	1	4.06	0.90	0.30	1.10	
	Cross wall between Verandah and kitchen	1	x	1	2.33	0.90	0.30	0.63	
								8.52	
	Qty	8.52				331.07	M ³		2821
3	Earth work excavating and deposition on bank with intial lead and lift all clauses of soil such as hard stiff clay soil ,stiff black cotton soil small size boulders and hard gravel soil as per SS 20 B for foundation etc.,(above 0.60m)								

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
	Around Hall	1	x	1	22.84	0.90	0.60	12.33	
	Cross wall between store 1 and Store 2	1	x	1	2.33	0.90	0.60	1.26	
	Cross wall between store and kitchen	1	x	1	4.06	0.90	0.60	2.19	
	Cross wall between Verandah and kitchen	1	x	1	2.33	0.90	0.60	1.26	
								17.04	
	Qty	17.04				343.85	M ³		5860
4	Sand filling with river sand including all cost and conveyance of all labour charges etc., Complete.								
	Building around	1	x	1	22.84	0.90	0.10	2.06	
	Cross wall between store 1 and Store 2	1	x	1	2.33	0.90	0.10	0.21	
	Cross wall between store and kitchen	1	x	1	4.06	0.90	0.10	0.37	
	Cross wall between Verandah and kitchen	1	x	1	2.33	0.90	0.10	0.21	
	Basement	1	x	1	6.23	4.73	0.30	8.84	
	D/F Cross wall between store 1 and Store 2	-1	x	1	2.78	0.45	0.30	-0.38	
	D/F Cross wall between store and kitchen	-1	x	1	4.51	0.45	0.30	-0.61	
	D/F Cross wall between Verandah and kitchen	-1	x	1	2.78	0.45	0.30	-0.38	
	Steps	1	x	1	3.23	1.20	0.10	0.39	
								10.71	
	Qty	10.71				1683.30	M ³		18026
5	Cement concrete in 1:4:8 mix using 40mm ISS HBG metal including all Cost and conveyance of labour charges etc.,Complete.,								
	Building around	1	x	1	22.84	0.90	0.15	3.08	
	Cross wall between store 1 and Store 2	1	x	1	2.33	0.90	0.15	0.31	
	Cross wall between store and kitchen	1	x	1	4.06	0.90	0.15	0.55	
	Cross wall between Verandah and kitchen	1	x	1	2.33	0.90	0.15	0.31	

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
	Basement	1	x	1	6.23	4.73	0.10	2.95	
	D/F Cross wall between store 1 and Store 2	-1	x	1	2.78	0.45	0.10	-0.13	
	D/F Cross wall between store and kitchen	-1	x	1	4.51	0.45	0.10	-0.20	
	D/F Cross wall between Verandah and kitchen	-1	x	1	2.78	0.45	0.10	-0.13	
	Raised platform 1	1	x	1	2.25	0.60	0.30	0.41	
	Raised platform 2	1	x	1	3.00	0.60	0.30	0.54	
	Steps	1	x	1	3.23	1.20	0.10	0.39	
								8.09	
	Qty	8.09				4810.49	M ³		38902
6	Random Rubble Masonry in CM 1:5 mix using required bond stone with simultaneious pointing including all cost and conveyance of labour charges etc.,								
	Building alround I st footing	1	x	1	22.84	0.75	0.45	7.71	
	II nd Footing	1	x	1	22.84	0.60	0.45	6.17	
	basement	1	x	1	22.84	0.45	0.60	6.17	
	Cross wall between store 1 andStore 2 I st footing	1	x	1	2.48	0.75	0.45	0.84	
	II nd Footing	1	x	1	2.63	0.60	0.45	0.71	
	basement	1	x	1	2.78	0.45	0.60	0.75	
	Cross wall between store and kitchen I st footing	1	x	1	4.21	0.75	0.45	1.42	
	II nd Footing	1	x	1	4.36	0.60	0.45	1.18	
	basement	1	x	1	4.51	0.45	0.60	1.22	
	Cross wall between Verandah and kitchen I st footing	1	x	1	2.48	0.75	0.45	0.84	
	II nd Footing	1	x	1	2.63	0.60	0.45	0.71	
	basement	1	x	1	2.78	0.45	0.60	0.75	
								28.45	

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
	Qty								
				28.45		5133.92	M³		146077
7	Brick work in CM 1:5 mix using country bricks size of 9" X 4 3/8" x 2 3/4" including all cost and conveyance of labour charges etc.,Complte.								
	upto basement								
	Brick on Edge - main wall around	1	x	1	22.84	0.45	0.075	0.77	
	D/F plinth beam	-1	x	1	22.84	0.23	0.075	-0.39	
	Brick on Edge -Cross wall between store 1 and 2	1	x	1	2.78	0.45	0.075	0.09	
	D/F plinth beam	-1	x	1	3	0.23	0.075	-0.05	
	Brick on Edge -Cross wall between store and kitchen	1	x	1	4.51	0.45	0.075	0.15	
	D/F plinth beam	-1	x	1	4.73	0.23	0.075	-0.08	
	Brick on Edge -Cross wall between Verandah and kitchen	1	x	1	2.78	0.45	0.075	0.09	
	D/F plinth beam	-1	x	1	3	0.23	0.075	-0.05	
	Steps	1	x	1	3.23	0.90	0.15	0.44	
	Steps	1	x	1	3.23	0.60	0.15	0.29	
	Steps	1	x	1	3.23	0.30	0.15	0.15	
								1.40	
				1.40		5547.53	M³		7787
	Ground floor								
	Main wall around	1	x	1	22.84	0.23	3.05	16.02	
	Cross wall between store 1 and 2	1	x	1	3	0.23	3.05	2.10	
	Cross wall between store and kitchen	1	x	1	4.73	0.23	3.05	3.32	
	Cross wall between Verandah and kitchen	1	x	1	3	0.23	3.05	2.10	
	Parapet around	1	x	1	22.84	0.23	0.30	1.58	

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
	Brick Pillar	1	x	1	0.23	0.23	2.10	0.11	
	Cup board	2	x	3	0.45	0.115	2.00	0.62	
	Deductions								
	Deduct - Door	-1	x	3	0.90	0.23	2.10	-1.30	
	verandah open	-1	x	1	4.46	0.23	2.10	-2.15	
	Window W1	-1	x	4	0.90	0.23	1.30	-1.08	
	Lintel all round	-1	x	1	22.84	0.23	0.15	-0.79	
	Cross wall between store 1 and 2	-1	x	1	3.00	0.23	0.15	-0.10	
	Cross wall between store and kitchen	-1	x	1	4.73	0.23	0.15	-0.16	
	Cross wall between Verandah and kitchen	-1	x	1	3.00	0.23	0.15	-0.10	
								20.16	
	Qty			20.16		5622.33	M³		113372
8	Supplying and erecting centering are strutting including necessary supports for place surface for RCC columns footing pedestal beam criticals pears etc.,using mild steel angles of sizes 90 x 90 x 10 cm gauge stiffness welded mild steel of sizes 25 x 25 x 3 cm for boarding laying over silver oak joists of single 10cm - 6.5cm space of 75cm ceter to center								
	Lintel								
	Door Bottom	1	x	3	0.90	0.23		0.62	
	Window Bottom W1	1	x	4	0.90	0.23		0.83	
	Window Sunshade Bottom								
	Window Sunshade	3	x	1	1.36	0.60		2.45	
	Window sunshade sides	1	x	3	2.56		0.05	0.38	
	Sunshade -verandah	1	x	1	4.92	0.60		2.95	
	Sunshade -verandah sides	1	x	1	6.12		0.05	0.31	
	Lintel Walls alround	1	x	2	22.84		0.15	6.85	
	Cross wall between store 1 and 2	1	x	2	3.00		0.15	0.90	
	Cross wall between store and kitchen	1	x	2	4.73		0.15	1.42	

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
	Cross wall between Verandah and kitchen	1	x	2	3.00		0.15	0.90	
	Roof slab bottom Store 1 & 2	1	x	1	3.00	4.73		14.19	
	D/F Wall b/w store 1& 2	-1	x	1	3.00	0.23		-0.69	
	Roof slab bottom Kitchen/verandah	1	x	1	3.00	4.96		14.88	
	D/F Cross wall between Verandah and kitchen	-1	x	1	3.00	0.23		-0.69	
	Roof sides alround	1	x	1	23.76		0.12	2.85	
								48.15	
	Qty	48.15			m²	911.00			43866
9	Supplying and Fabrication of steel for RCC works including all cost of cutting bending and tying of steels and kept ready for concrete in position etc.,								
	Qty	0.58			mt	87400.75			50687
10	R C C 1:11/2:3 mix usinig 20mm ISS HBG metal including all cost and conveyance of labour charges etc., Complete.,								
	Plinth Beam alround	1	x	1	22.84	0.23	0.075	0.39	
	Cross wall between store 1 and 2	1	x	1	3.00	0.23	0.075	0.05	
	Cross wall between store and kitchen	1	x	1	4.73	0.23	0.075	0.08	
	Cross wall between Verandah and kitchen	1	x	1	3.00	0.23	0.075	0.05	
	Lintel alround	1	x	1	22.84	0.23	0.15	0.79	
	Cross wall between store 1 and 2	1	x	1	3.00	0.23	0.15	0.10	
	Cross wall between store and kitchen	1	x	1	4.73	0.23	0.15	0.16	
	Cross wall between Verandah and kitchen	1	x	1	3.00	0.23	0.15	0.10	
	W Front sunshade	1	x	3	1.36	0.60	0.063	0.15	
	Sunshade -verandah	1	x	1	4.92	0.60	0.063	0.18	
	Roof slab	1	x	1	6.69	5.19	0.12	4.17	
	Cup board slab	2	x	5	0.90	0.45	0.05	0.20	

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
								6.44	
	Qty	6.44			m³	8164.43			52610
11	Plastering with CM 1:3 mix using 10 mm thick including all cost and conveyance of labour charges etc.,								
	Roof ceiling - Store 1	1	x	1	3.00	2.25		6.75	
	Roof ceiling - Store 2	1	x	1	3.00	2.25		6.75	
	Ceiling - Kitchen	1	x	1	3.00	3.50		10.50	
	verandah ceiling	1	x	1	3.23	1.23		3.97	
								27.97	
	Qty	27.97			m²	263.40			7368
12	Plastering with CM 1:5 mix 12mm thick including all cost and conveyance of labour charges etc., complete.								
	Store : 1 inner wall around	1	x	1	10.50		3.05	32.03	
	Store 2 inner wall around	1	x	1	10.50		3.05	32.03	
	Kitchen inner wall around	1	x	1	12.00		3.05	36.60	
	verandah	1	x	1	4.46		3.05	13.60	
	Outside wall around	1	x	1	23.76		3.50	83.16	
	Sunshade window	2	x	3	1.36	0.60		4.90	
	Sunshade -verandah	2	x	1	4.92	0.60		5.90	
	Parapet wall inside	1	x	1	21.92		0.30	6.58	
	Parapet Top	1	x	1	22.84	0.23		5.25	
	Steps								
	Step Tread	1	x	3	3.23	0.30		2.91	
	Step Riser	1	x	3	3.23		0.15	1.45	
	Deduct								
	Door	-2	x	3	0.90		2.10	-11.34	
	Window	-2	x	4	0.90		1.30	-9.36	
								203.70	
	Qty	203.70			m²	228.64			46575

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
13	Weathering coarse with Brick jelly lime concrete using 20mm brick jelly with slacked lime in the ratio of 32:12.5 including cost and conveyance of all materials to site and all labour charges for mixing , laying ,and finishing etc complete for 10 cum								
	Terrace	1	x	1	6.23	4.73	0.075	2.21	
								2.21	
	Qty	2.21			m²	3592.62			7940
14	Finishing the roof with one course of pressed tiles of size 23cm X 23cm X 2cm and top of pointing with CM 1:3 mix including all cost and conveyance of labour charges etc.,								
	Terrace	1	x	1	6.23	4.73		29.47	
	Skirting wall around	1	x	1	21.92		0.20	4.38	
								33.85	
	Qty	33.85			m²	1128.03			38186
15	Granolithic flooring with CC 1;2:4 mix using 10mm -12mm ISS chips HBG metal including all cost and conveyance of labour charges etc.,								
	Store 1	1	x	1	3.00	2.25		6.75	
	Store 2	1	x	1	3.00	2.25		6.75	
	Kitchen	1	x	1	3.00	3.00		9.00	
	verandah open	1	x	1	3.23	1.23		3.97	
	Door soffits	1	x	3	0.90	0.23		0.62	
	Raised platform 1	1	x	1	2.25	0.60		1.35	
	Raised platform 2	1	x	1	3.00	0.60		1.80	
								30.24	
	Qty	30.24				148.01			4476
16	Supply of door of size of 0.90 x 2.10 including all cost and conveyance etc.,								
	Door	1	x	3	0.90		2.10	5.67	
	Qty	3.00			m²	5760			17280
17	Supply of Window of size of 0.90 x 1.30 including all cost and conveyance etc.,								
	Window	1	x	4	0.90		1.30	4.68	
								4.68	
	Qty	4.00			No	6500			26000
18	Distemping two coats using best quality and approved colour oil bound distemper over one coat of cemet paint including all cost of labour charge etc.,								
	Roof ceiling - Store 1	1	x	1	3.00	2.25		6.75	

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
	Roof ceiling - Store 2	1	x	1	3.00	2.25		6.75	
	Ceiling - Kitchen	1	x	1	3.00	3.00		9.00	
	Verandah ceiling	1	x	1	3.23	1.23		3.97	
	Store 1 inner wall around	1	x	1	10.50		3.05	32.03	
	Store 2 inner wall around	1	x	1	10.50		3.05	32.03	
	Kitchen inner wall around	1	x	1	12.00		3.05	36.60	
	Deduct								
	Door	-1	x	5	0.90		2.10	-9.45	
	Window	-1	x	4	0.90		1.30	-4.68	
								112.99	
	Qty	112.99				158.46	M²		17905
19	Painting two coats of newly plastered wall surface with ready mixed plastic emulsion paint of first class quality and of approved colour over a priming coat including thorough scrapping, clean removal of dirt, and including necessary plaster of paris putty, wherever required etc., complete complying with standard specification.								
	Outside wall around	1	x	1	23.76		3.50	83.16	
	Parapet wall inside	1	x	1	21.92		0.30	6.58	
	Parapet Top	1	x	1	22.84	0.23		5.25	
	verandah two sides	1	x	1	4.46		3.05	13.60	
	Steps								
	Step Tread	1	x	3	3.23	0.30		2.91	
	Step Riser	1	x	3	3.23		0.15	1.45	
	Deduct								
	Door	-1	x	1	0.90		2.10	-1.89	
	Window	-1	x	4	1.20		1.30	-6.24	
								104.82	
	Qty	104.82				222.66	M²		23340
20	Supplying and painting two coats new iron work such as steel doors ventilators, window bars etc., (WITHOUT PRIMER)								
	Main Door	2	x	3	0.90		2.10	11.34	
	Window	2	x	4	0.90		1.30	9.36	
								20.70	

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
	Qty	20.70				133.79			2769
									674341
21	Front Elevation						LS		9000
22	Providing Kitchen stage ,wash Basin and Washing area arrangements								12000
23	Providing Electrification Arrangements (16 amp switch with earthing,light points and exhaust fan 2 nos)								10000
	Provision for water supply								2000
25	Provision for Name Board arrangements								1000
	Sub total								
26	Photo charges								500
27	GST 18%								119370
28	Contegencies and unforeseen charges etc,,								789
	Total								829000

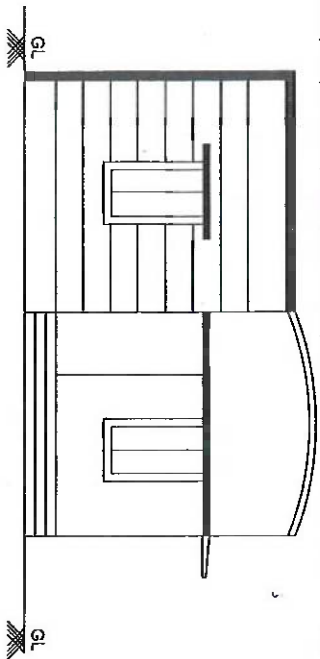
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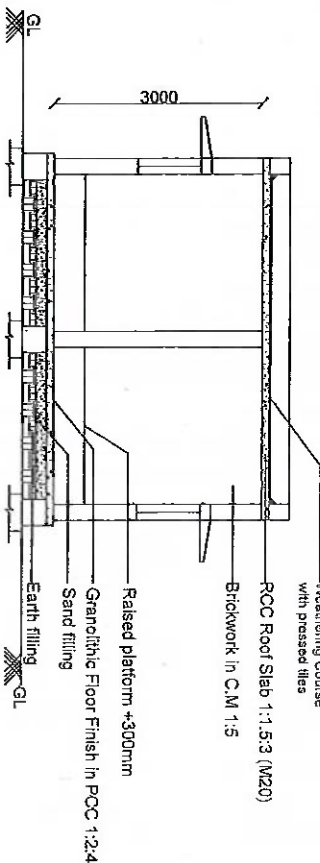
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SECTION OFFICER

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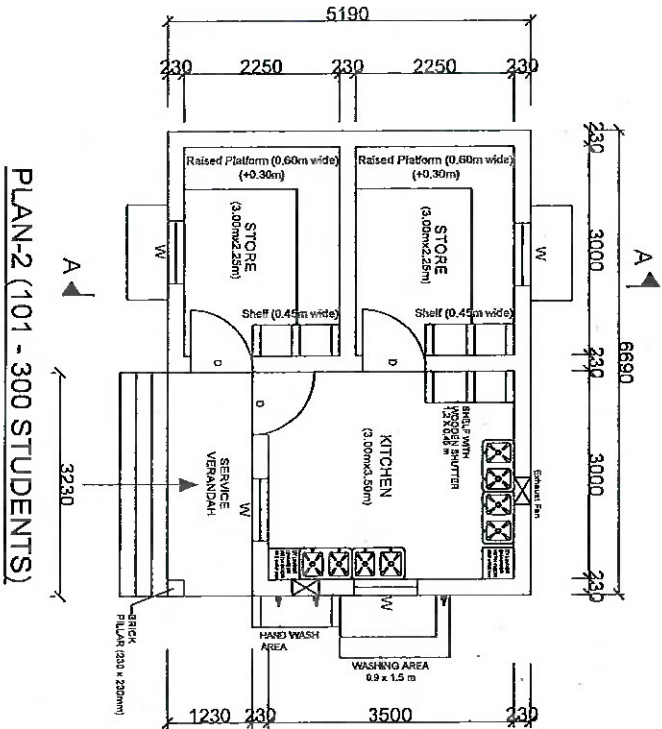
G.O.(Ms).No.67, Rural Development and Panchayat Raj (CGS-1) Department, dated 04.05.2023.



ELEVATION



SECTION-AA'



PLAN-2 (101 - 300 STUDENTS)

- NOTE:
1. ECONOMICAL FOUNDATION FOOTING ONLY TO BE ADOPTED AND DEPTH OF FOUNDATION SHOULD BE BASED ON SEC OF SOIL MET WITH AT THE SITE OF CONSTRUCTION.
 2. FLOORING SHOULD BE DONE USING GRANULITHIC FLOORING.
 3. PLINTH PROTECTION PLATFORM SHOULD BE PROVIDED AROUND THE BUILDING.
 4. SILL SLAB MAY BE PROVIDED BELOW ALL WINDOW OPENINGS

PLINTH AREA : 34.7 SQM/373 SQFT

SCHEDULE OF JOINERY

Sl. No.	TYPE	SIZE	SILL	TOP	DESCRIPTION	REMARKS
1	D	900	2100	2100	STEEL DOOR WITH 75 GWS	SINGLE LEAF
3	W	900	1900	800	STEEL WINDOW WITH TIGONS SHEET SHUTTER 1125MM	TWO LEAVES

DIRECTORATE OF RURAL DEVELOPMENT

SCALE: 1/50 DATE: ALL DIMENSIONS ARE IN MM.

JED	AE	JED NO.	DRAWING NO.
AEI	SE		

TYPE DESIGN FOR KITCHEN SHED (ELEMENTARY SCHOOL)

PLAN, ELEVATION AND SECTION.

P.AMUDHA
PRINCIPAL SECRETARY TO GOVERNMENT

SECTION OFFICER

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Signature

6/20/23

ANNEXURE-V

G.O.(Ms).No.67, R.D & P.R (CGS-1) Dept., dated: 04.05.2023

Construction of Kitchen Shed (Elementary School)

Estimate Amount Rs: 890000

**Area 38.90 m² , 418.56 Sq.ft.
Plan III [301-400 students]**

DETAILED - cum - ABSTRACT ESTIMATE

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
1	Earth work excavating and deposition on bank with intial lead and lift all clauses of soil such as hard stiff clay soil ,stiff black cotton soil small size boulders and hard gravel soil as per SS 20 B for foundation etc.,(0.0-0.30m)								
	Alround Hall	1	x	1	24.24	0.90	0.30	6.54	
	Cross wall between store 1 and Store 2	1	x	1	2.53	0.90	0.30	0.68	
	Cross wall between store and kitchen	1	x	1	4.36	0.90	0.30	1.18	
	Cross wall between Verandah and kitchen	1	x	1	2.53	0.90	0.30	0.68	
	Steps	1	x	1	3.43	1.20	0.20	0.82	
								9.91	
	Qty	9.91				268.19	M ³		2658
2	Earth work excavating and deposition on bank with intial lead and lift all clauses of soil such as hard stiff clay soil ,stiff black cotton soil small size boulders and hard gravel soil as per SS 20 B for foundation etc., (0.30-0.60m)								
	Alround Hall	1	x	1	24.24	0.90	0.30	6.54	
	Cross wall between store 1 and Store 2	1	x	1	2.53	0.90	0.30	0.68	
	Cross wall between store and kitchen	1	x	1	4.36	0.90	0.30	1.18	
	Cross wall between Verandah and kitchen	1	x	1	2.53	0.90	0.30	0.68	
								9.09	
	Qty	9.09				331.07	M ³		3009
3	Earth work excavating and deposition on bank with intial lead and lift all clauses of soil such as hard stiff clay soil ,stiff black cotton soil small size boulders and hard gravel soil as per SS 20 B for foundation etc.,(above 0.60m)								

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
	Around Hall	1	x	1	24.24	0.90	0.60	13.09	
	Cross wall between store 1 and Store 2	1	x	1	2.53	0.90	0.60	1.37	
	Cross wall between store and kitchen	1	x	1	4.36	0.90	0.60	2.35	
	Cross wall between Verandah and kitchen	1	x	1	2.53	0.90	0.60	1.37	
								18.18	
	Qty	18.18				343.85	M ³		6250
4	Sand filling with river sand including all cost and conveyance of all labour charges etc., Complete.								
	Building around	1	x	1	24.24	0.90	0.10	2.18	
	Cross wall between store 1 and Store 2	1	x	1	2.53	0.90	0.10	0.23	
	Cross wall between store and kitchen	1	x	1	4.36	0.90	0.10	0.39	
	Cross wall between Verandah and kitchen	1	x	1	2.53	0.90	0.10	0.23	
	Basement	1	x	1	6.63	5.03	0.30	10.00	
	D/F Cross wall between store 1 and Store 2	-1	x	1	2.98	0.45	0.30	-0.40	
	D/F Cross wall between store and kitchen	-1	x	1	4.81	0.45	0.30	-0.65	
	D/F Cross wall between Verandah and kitchen	-1	x	1	2.98	0.45	0.30	-0.40	
	Steps	1	x	1	3.43	1.20	0.10	0.41	
								11.99	
	Qty	11.99				1683.30	M ³		20186
5	Cement concrete in 1:4:8 mix using 40mm ISS HBG metal including all Cost and conveyance of labour charges etc., Complete.,								
	Building around	1	x	1	24.24	0.90	0.15	3.27	
	Cross wall between store 1 and Store 2	1	x	1	2.53	0.90	0.15	0.34	
	Cross wall between store and kitchen	1	x	1	4.36	0.90	0.15	0.59	
	Cross wall between Verandah and kitchen	1	x	1	2.53	0.90	0.15	0.34	

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
	Basement	1	x	1	6.63	5.03	0.10	3.33	
	D/F Cross wall between store 1 and Store 2	-1	x	1	2.98	0.45	0.10	-0.13	
	D/F Cross wall between store and kitchen	-1	x	1	4.81	0.45	0.10	-0.22	
	D/F Cross wall between Verandah and kitchen	-1	x	1	2.98	0.45	0.10	-0.13	
	Raised platform 1	1	x	1	2.40	0.60	0.30	0.43	
	Raised platform 2	1	x	1	3.20	0.60	0.30	0.58	
	Steps	1	x	1	3.43	1.20	0.10	0.41	
								8.81	
	Qty	8.81				4810.49	M ³		42399.
6	Random Rubble Masonry in CM 1:5 mix using required bond stone with simultaneous pointing including all cost and conveyance of labour charges etc.,								
	Building around I st footing	1	x	1	24.24	0.75	0.45	8.18	
	II nd Footing	1	x	1	24.24	0.60	0.45	6.54	
	basement	1	x	1	24.24	0.45	0.60	6.54	
	Cross wall between store 1 and Store 2 I st footing	1	x	1	2.68	0.75	0.45	0.90	
	II nd Footing	1	x	1	2.83	0.60	0.45	0.76	
	basement	1	x	1	2.98	0.45	0.60	0.80	
	Cross wall between store and kitchen I st footing	1	x	1	4.51	0.75	0.45	1.52	
	II nd Footing	1	x	1	4.66	0.60	0.45	1.26	
	basement	1	x	1	4.81	0.45	0.60	1.30	
	Cross wall between Verandah and kitchen I st footing	1	x	1	2.68	0.75	0.45	0.90	
	II nd Footing	1	x	1	2.83	0.60	0.45	0.76	
	basement	1	x	1	2.98	0.45	0.60	0.80	
								30.30	

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
	Qty	30.30				5133.92	M³		155537
7	Brick work in CM 1:5 mix using country bricks size of 9" X 43/8" x 23/4" including all cost and conveyance of labour charges etc.,Complte.								
	upto basement								
	Brick on Edge - main wall around	1	x	1	24.24	0.45	0.075	0.82	
	D/F plinth beam	-1	x	1	24.24	0.23	0.075	-0.42	
	Brick on Edge -Cross wall between store 1 and 2	1	x	1	2.98	0.45	0.075	0.10	
	D/F plinth beam	-1	x	1	3.2	0.23	0.075	-0.06	
	Brick on Edge -Cross wall between store and kitchen	1	x	1	4.81	0.45	0.075	0.16	
	D/F plinth beam	-1	x	1	5.03	0.23	0.075	-0.09	
	Brick on Edge -Cross wall between Verandah and kitchen	1	x	1	2.98	0.45	0.075	0.10	
	D/F plinth beam	-1	x	1	3.2	0.23	0.075	-0.06	
	Steps	1	x	1	3.43	0.90	0.15	0.46	
	Steps	1	x	1	3.43	0.60	0.15	0.31	
	Steps	1	x	1	3.43	0.30	0.15	0.15	
								1.49	
		1.49				5547.53	M³		8279
	Ground floor								
	Main wall around	1	x	1	24.24	0.23	3.05	17.00	
	Cross wall between store 1 and 2	1	x	1	3.2	0.23	3.05	2.24	
	Cross wall between store and kitchen	1	x	1	5.03	0.23	3.05	3.53	
	Cross wall between Verandah and kitchen	1	x	1	3.2	0.23	3.05	2.24	
	Parapet around	1	x	1	24.24	0.23	0.30	1.67	

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
	Brick Pillar	1	x	1	0.23	0.23	2.10	0.11	
	Cup board	2	x	3	0.45	0.115	2.00	0.62	
	Deductions								
	Deduct - Door	-1	x	3	0.90	0.23	2.10	-1.30	
	verandah open	-1	x	1	4.66	0.23	2.10	-2.25	
	Window W1	-1	x	4	0.90	0.23	1.30	-1.08	
	Lintel all round	-1	x	1	24.24	0.23	0.15	-0.84	
	Cross wall between store 1 and 2	-1	x	1	3.20	0.23	0.15	-0.11	
	Cross wall between store and kitchen	-1	x	1	5.03	0.23	0.15	-0.17	
	Cross wall between Verandah and kitchen	-1	x	1	3.20	0.23	0.15	-0.11	
								21.57	
	Qty			21.57		5622.33	M³		121247
8	Supplying and erecting centering are strutting including necessary supports for place surface for RCC columns footing pedestal beam criticals pears etc., using mild steel angles of sizes 90 x 90 x 10 cm gauge stiffness welded mild steel of sizes 25 x 25 x 3 cm for boarding laying over silver oak joists of single 10cm - 6.5cm space of 75cm ceter to center								
	Lintel								
	Door Bottom	1	x	3	0.90	0.23		0.62	
	Window Bottom W1	1	x	4	0.90	0.23		0.83	
	Window Sunshade Bottom								
	Window Sunshade	3	x	1	1.36	0.60		2.45	
	Window sunshade sides	1	x	3	2.56		0.05	0.38	
	Sunshade -verandah	1	x	1	5.12	0.60		3.07	
	Sunshade -verandah sides	1	x	1	6.32		0.05	0.32	
	Lintel Walls alround	1	x	2	24.24		0.15	7.27	
	Cross wall between store 1 and 2	1	x	2	3.20		0.15	0.96	
	Cross wall between store and kitchen	1	x	2	5.03		0.15	1.51	

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
	Cross wall between Verandah and kitchen	1	x	2	3.20		0.15	0.96	
	Roof slab bottom Store 1 & 2	1	x	1	3.20	5.03		16.10	
	D/F Wall b/w store 1& 2	-1	x	1	3.20	0.23		-0.74	
	Roof slab bottom Kitchen/verandah	1	x	1	3.20	5.26		16.83	
	D/F Cross wall between Verandah and kitchen	-1	x	1	3.20	0.23		-0.74	
	Roof sides alround	1	x	1	25.16		0.12	3.02	
								52.85	
	Qty	52.85			m²	911.00			48142
9	Supplying and Fabrication of steel for RCC works including all cost of cutting bending and tying of steels and kept ready for concrete in position etc.,								
	Qty	0.64 mt			87400.75				55568
10	R C C 1:11/2:3 mix usinig 20mm ISS HBG metal including all cost and conveyance of labour charges etc., Complete.,								
	Plinth Beam alround	1	x	1	24.24	0.23	0.075	0.42	
	Cross wall between store 1 and 2	1	x	1	3.20	0.23	0.075	0.06	
	Cross wall between store and kitchen	1	x	1	5.03	0.23	0.075	0.09	
	Cross wall between Verandah and kitchen	1	x	1	3.20	0.23	0.075	0.06	
	Lintel alround	1	x	1	24.24	0.23	0.15	0.84	
	Cross wall between store 1 and 2	1	x	1	3.20	0.23	0.15	0.11	
	Cross wall between store and kitchen	1	x	1	5.03	0.23	0.15	0.17	
	Cross wall between Verandah and kitchen	1	x	1	3.20	0.23	0.15	0.11	
	W Front sunshade	1	x	3	1.36	0.60	0.063	0.15	
	Sunshade -verandah	1	x	1	5.12	0.60	0.063	0.19	
	Roof slab	1	x	1	7.09	5.49	0.12	4.67	
	Cup board slab	2	x	5	0.90	0.45	0.05	0.20	

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
								7.06	
	Qty	7.06			m³	8164.43			57676
11	Plastering with CM 1:3 mix using 10 mm thick including all cost and conveyance of labour charges etc.,								
	Roof ceiling - Store 1	1	x	1	3.20	2.40		7.68	
	Roof ceiling - Store 2	1	x	1	3.20	2.40		7.68	
	Ceiling - Kitchen	1	x	1	3.20	3.80		12.16	
	verandah ceiling	1	x	1	3.43	1.23		4.22	
								31.74	
	Qty	31.74			m²	263.40			8360
12	Plastering with CM 1:5 mix 12mm thick including all cost and conveyance of labour charges etc., complete.								
	Store : 1 inner wall around	1	x	1	11.20		3.05	34.16	
	Store 2 inner wall around	1	x	1	11.20		3.05	34.16	
	Kitchen inner wall around	1	x	1	12.00		3.05	36.60	
	verandah	1	x	1	4.66		3.05	14.21	
	Outside wall around	1	x	1	25.16		3.50	88.06	
	Sunshade window	2	x	3	1.36	0.60		4.90	
	Sunshade -verandah	2	x	1	5.12	0.60		6.14	
	Parapet wall inside	1	x	1	23.32		0.30	7.00	
	Parapet Top	1	x	1	24.24	0.23		5.58	
	Steps								
	Step Tread	1	x	3	3.43	0.30		3.09	
	Step Riser	1	x	3	3.43		0.15	1.54	
	Deduct								
	Door	-2	x	3	0.90		2.10	-11.34	
	Window	-2	x	4	0.90		1.30	-9.36	
								214.73	
	Qty	214.73			m²	228.64			49098

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
13	Weathering coarse with Brick jelly lime concrete using 20mm brick jelly with slacked lime in the ratio of 32:12.5 including cost and conveyance of all materials to site and all labour charges for mixing , laying ,and finishing etc complete for 10 cum								
	Terrace	1	x	1	6.63	5.03	0.075	2.50	
								2.50	
	Qty	2.50			m²	3592.62			8986
14	Finishing the roof with one course of pressed tiles of size 23cm X 23cm X 2cm and top of pointing with CM 1:3 mix including all cost and conveyance of labour charges etc.,								
	Terrace	1	x	1	6.63	5.03		33.35	
	Skirting wall around	1	x	1	23.32		0.20	4.66	
								38.01	
	Qty	38.01			m²	1128.03			42880
15	Granolithic flooring with CC 1;2:4 mix using 10mm -12mm ISS chips HBG metal including all cost and conveyance of labour charges etc.,								
	Store 1	1	x	1	3.20	2.40		7.68	
	Store 2	1	x	1	3.20	2.40		7.68	
	Kitchen	1	x	1	3.20	3.00		9.60	
	verandah open	1	x	1	3.43	1.23		4.22	
	Door soffits	1	x	3	0.90	0.23		0.62	
	Raised platform 1	1	x	1	2.40	0.60		1.44	
	Raised platform 2	1	x	1	3.20	0.60		1.92	
								33.16	
	Qty	33.16				148.01			4908
16	Supply of door of size of 0.90 x 2.10 including all cost and conveyance etc.,								
	Door	1	x	3	0.90		2.10	5.67	
	Qty	3.00			m²	5760			17280
17	Supply of Window of size of 0.90 x 1.30 including all cost and conveyance etc.,								
	Window	1	x	4	0.90		1.30	4.68	
								4.68	
	Qty	4.00			No	6500			26000
18	Distemping two coats using best quality and approved colour oil bound distemper over one coat of cemet paint including all cost of labour charge etc.,								
	Roof ceiling - Store 1	1	x	1	3.20	2.40		7.68	

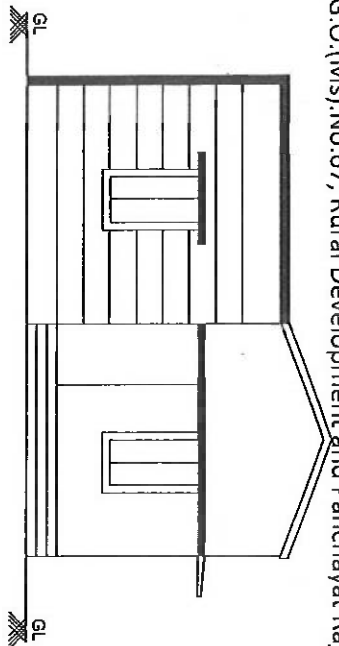
Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
	Roof ceiling - Store 2	1	x	1	3.20	2.40		7.68	
	Ceiling - Kitchen	1	x	1	3.20	3.00		9.60	
	Verandah ceiling	1	x	1	3.43	1.23		4.22	
	Store 1 inner wall around	1	x	1	11.20		3.05	34.16	
	Store 2 inner wall around	1	x	1	11.20		3.05	34.16	
	Kitchen inner wall around	1	x	1	12.00		3.05	36.60	
	Deduct								
	Door	-1	x	5	0.90		2.10	-9.45	
	Window	-1	x	4	0.90		1.30	-4.68	
								119.97	
	Qty	119.97				158.46	M ²		19011
19	Painting two coats of newly plastered wall surface with ready mixed plastic emulsion paint of first class quality and of approved colour over a priming coat including thorough scrapping, clean removal of dirt, and including necessary plaster of paris putty, wherever required etc., complete complying with standard specification.								
	Outside wall around	1	x	1	25.16		3.50	88.06	
	Parapet wall inside	1	x	1	23.32		0.30	7.00	
	Parapet Top	1	x	1	24.24	0.23		5.58	
	verandah two sides	1	x	1	4.66		3.05	14.21	
	Steps								
	Step Tread	1	x	3	3.43	0.30		3.09	
	Step Riser	1	x	3	3.43		0.15	1.54	
	Deduct								
	Door	-1	x	1	0.90		2.10	-1.89	
	Window	-1	x	4	1.20		1.30	-6.24	
								111.34	
	Qty	111.34				222.66	M ²		24792
20	Supplying and painting two coats new iron work such as steel doors ventilators, window bars etc., (WITHOUT PRIMER)								
	Main Door	2	x	3	0.90		2.10	11.34	
	Window	2	x	4	0.90		1.30	9.36	
								20.70	

Sl. No	Description of Works	NO	Measurments			Content	Amount	
			L	B	D			
	Qty	20.70		133.79			2769	
							725035	
21	Front Elevation					LS	11000	
22	Providing Kitchen stage ,wash Basin and Washing area arrangements						12000	
23	Providing Electrification Arrangements (16 amp switch with earthing,light points and exhaust fan 2 nos)						10000	
	Provision for water supply						2000	
25	Provision for Name Board arrangements						1000	
	Sub total							
26	Photo charges						500	
27	GST 18%						128361	
28	Contegencies and unforeseen charges etc,,						104	
	Total							890000

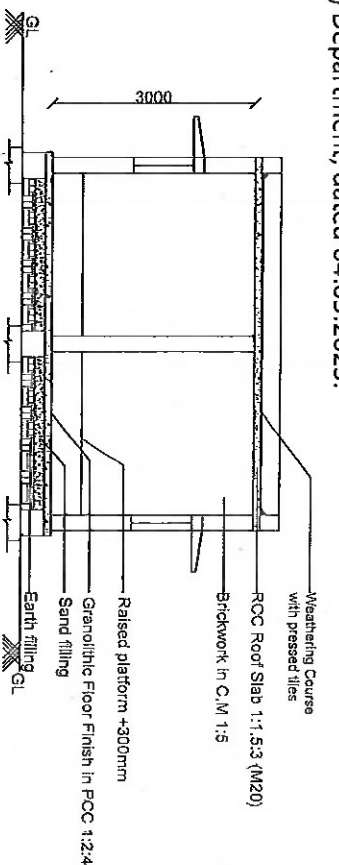
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PRINCIPAL SECRETARY TO GOVERNMENT

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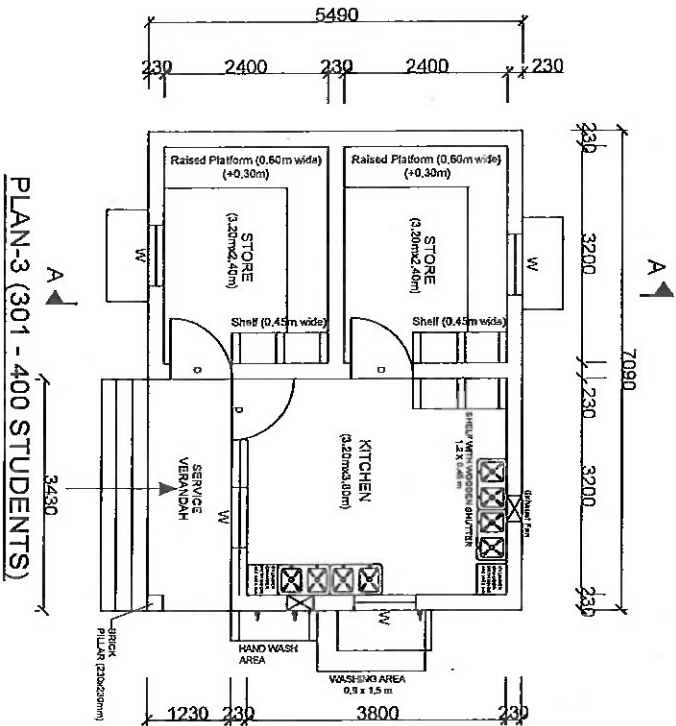
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SECTION OFFICER
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ELEVATION



SECTION-AA'



PLAN-3 (301 - 400 STUDENTS)

- NOTE:
1. ECNOMICAL FOUNDATION FOOTING ONLY TO BE ADOPTED AND DEPTH OF FOUNDATION SHOULD BE BASED ON SBC OF SOIL WITH AT THE SITE OF CONSTRUCTION.
 2. FLOORING SHOULD BE DONE USING GRANULITHIC FLOORING.
 3. PLINTH PROTECTION PLATFORM SHOULD BE PROVIDED AROUND THE BUILDING
 4. SILL SLAB MAY BE PROVIDED BELOW ALL WINDOW OPENINGS

PUNTH AREA : 38.9 SQM/418.7 SQFT

SCHEDULE OF JOINERY							
Sl. NO.	TYPE	SIZE	DEPTH	SILL	TPP	DESCRIPTION	REMARKS
1	D	810	2100	-	2100	STEEL DOOR WITH 18 CM G SHEET SHUTTER	SINGLE LEAF
2	W	800	1800	800	2100	STEEL WINDOW WITH 18 CM SHEET SHUTTER & 12MM	TWO LEAFES

DIRECTORATE OF RURAL DEVELOPMENT

SCALE 1:50

DATE: _____

ALL DIMENSIONS ARE IN MM.

DESIGNER	DATE	JOB NO.	DRAWING NO.
ASE	_____	_____	_____

TYPE DESIGN FOR KITCHEN SHED (ELEMENTARY SCHOOL)

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PAMUDHA
PRINCIPAL SECRETARY TO GOVERNMENT

SECTION OFFICER
G.M.U.T

ANNEXURE-VII

G.O.(Ms).No.67, R.D & P.R. Department, dated: 04.05.2023

Construction of Kitchen Shed (Elementary School)

Estimate Amount Rs: 940000

**Area 42.30 m² , 455.15 Sq.ft.
Plan IV [401-500 students]**

DETAILED - cum - ABSTRACT ESTIMATE

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
1	Earth work excavating and deposition on bank with intial lead and lift all clauses of soil such as hard stiff clay soil ,stiff black cotton soil small size boulders and hard gravel soil as per SS 20 B for foundation etc.,(0.0-0.30m)								
	Alround Hall	1	x	1	25.34	0.90	0.30	6.84	
	Cross wall between store 1 and Store 2	1	x	1	2.68	0.90	0.30	0.72	
	Cross wall between store and kitchen	1	x	1	4.56	0.90	0.30	1.23	
	Cross wall between Verandah and kitchen	1	x	1	2.73	0.90	0.30	0.74	
	Steps	1	x	1	3.63	1.20	0.20	0.87	
								10.40	
	Qty	10.40				268.19	M ³		2790
2	Earth work excavating and deposition on bank with intial lead and lift all clauses of soil such as hard stiff clay soil ,stiff black cotton soil small size boulders and hard gravel soil as per SS 20 B for foundation etc., (0.30-0.60m)								
	Alround Hall	1	x	1	25.34	0.90	0.30	6.84	
	Cross wall between store 1 and Store 2	1	x	1	2.68	0.90	0.30	0.72	
	Cross wall between store and kitchen	1	x	1	4.56	0.90	0.30	1.23	
	Cross wall between Verandah and kitchen	1	x	1	2.73	0.90	0.30	0.74	
								9.53	
	Qty	9.53				331.07	M ³		3156
3	Earth work excavating and deposition on bank with intial lead and lift all clauses of soil such as hard stiff clay soil ,stiff black cotton soil small size boulders and hard gravel soil as per SS 20 B for foundation etc.,(above 0.60m)								
	Alround Hall	1	x	1	25.34	0.90	0.60	13.68	

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
	Cross wall between store 1 and Store 2	1	x	1	2.68	0.90	0.60	1.45	
	Cross wall between store and kitchen	1	x	1	4.56	0.90	0.60	2.46	
	Cross wall between Verandah and kitchen	1	x	1	2.73	0.90	0.60	1.47	
								19.07	
	Qty	19.07				343.85	M ³		6556
4	Sand filling with river sand including all cost and conveyance of all labour charges etc., Complete.								
	Building aloud	1	x	1	25.34	0.90	0.10	2.28	
	Cross wall between store 1 and Store 2	1	x	1	2.68	0.90	0.10	0.24	
	Cross wall between store and kitchen	1	x	1	4.56	0.90	0.10	0.41	
	Cross wall between Verandah and kitchen	1	x	1	2.73	0.90	0.10	0.25	
	Basement	1	x	1	6.98	5.23	0.30	10.95	
	D/F Cross wall between store 1 and Store 2	-1	x	1	3.13	0.45	0.30	-0.42	
	D/F Cross wall between store and kitchen	-1	x	1	5.01	0.45	0.30	-0.68	
	D/F Cross wall between Verandah and kitchen	-1	x	1	3.18	0.45	0.30	-0.43	
	Steps	1	x	1	3.63	1.20	0.10	0.44	
								13.04	
	Qty	13.04				1683.30	M ³		21945
5	Cement concrete in 1:4:8 mix using 40mm ISS HBG metal including all Cost and conveyance of labour charges etc.,Complete.,								
	Building aloud	1	x	1	25.34	0.90	0.15	3.42	
	Cross wall between store 1 and Store 2	1	x	1	2.68	0.90	0.15	0.36	
	Cross wall between store and kitchen	1	x	1	4.56	0.90	0.15	0.62	
	Cross wall between Verandah and kitchen	1	x	1	2.73	0.90	0.15	0.37	
	Basement	1	x	1	6.98	5.23	0.10	3.65	

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
	D/F Cross wall between store 1 and Store 2	-1	x	1	3.13	0.45	0.10	-0.14	
	D/F Cross wall between store and kitchen	-1	x	1	5.01	0.45	0.10	-0.23	
	D/F Cross wall between Verandah and kitchen	-1	x	1	3.18	0.45	0.10	-0.14	
	Raised platform 1	1	x	1	2.50	0.60	0.30	0.45	
	Raised platform 2	1	x	1	3.35	0.60	0.30	0.60	
	Steps	1	x	1	3.63	1.20	0.10	0.44	
								9.40	
	Qty	9.40				4810.49	M³		45202
6	Random Rubble Masonry in CM 1:5 mix using required bond stone with simultaneous pointing including all cost and conveyance of labour charges etc.,								
	Building around I st footing	1	x	1	25.34	0.75	0.45	8.55	
	II nd Footing	1	x	1	25.34	0.60	0.45	6.84	
	basement	1	x	1	25.34	0.45	0.60	6.84	
	Cross wall between store 1 andStore 2 I st footing	1	x	1	2.83	0.75	0.45	0.96	
	II nd Footing	1	x	1	2.98	0.60	0.45	0.80	
	basement	1	x	1	3.13	0.45	0.60	0.85	
	Cross wall between store and kitchen I st footing	1	x	1	4.71	0.75	0.45	1.59	
	II nd Footing	1	x	1	4.86	0.60	0.45	1.31	
	basement	1	x	1	5.01	0.45	0.60	1.35	
	Cross wall between Verandah and kitchen I st footing	1	x	1	2.88	0.75	0.45	0.97	
	II nd Footing	1	x	1	3.03	0.60	0.45	0.82	
	basement	1	x	1	3.18	0.45	0.60	0.86	
								31.74	
	Qty	31.74				5133.92	M³		162971

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
7	Brick work in CM 1:5 mix using country bricks size of 9" X 43/8" x 23/4" including all cost and conveyance of labour charges etc.,Complte.								
	upto basement								
	Brick on Edge - main wall around	1	x	1	25.34	0.45	0.075	0.86	
	D/F plinth beam	-1	x	1	25.34	0.23	0.075	-0.44	
	Brick on Edge -Cross wall between store 1 and 2	1	x	1	3.13	0.45	0.075	0.11	
	D/F plinth beam	-1	x	1	3.35	0.23	0.075	-0.06	
	Brick on Edge -Cross wall between store and kitchen	1	x	1	5.01	0.45	0.075	0.17	
	D/F plinth beam	-1	x	1	5.23	0.23	0.075	-0.09	
	Brick on Edge -Cross wall between Verandah and kitchen	1	x	1	3.18	0.45	0.075	0.11	
	D/F plinth beam	-1	x	1	3.4	0.23	0.075	-0.06	
	Steps	1	x	1	3.63	0.90	0.15	0.49	
	Steps	1	x	1	3.63	0.60	0.15	0.33	
	Steps	1	x	1	3.63	0.30	0.15	0.16	
								1.57	
				1.57		5547.53	M³		8730
	Ground floor								
	Main wall around	1	x	1	25.34	0.23	3.05	17.78	
	Cross wall between store 1 and 2	1	x	1	3.35	0.23	3.05	2.35	
	Cross wall between store and kitchen	1	x	1	5.23	0.23	3.05	3.67	
	Cross wall between Verandah and kitchen	1	x	1	3.4	0.23	3.05	2.39	
	Parapet around	1	x	1	25.34	0.23	0.30	1.75	
	Brick Pillar	1	x	1	0.23	0.23	2.10	0.11	
	Cup board	2	x	3	0.45	0.115	2.00	0.62	

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
	Deductions								
	Deduct - Door	-1	x	3	0.90	0.23	2.10	-1.30	
	verandah open	-1	x	1	4.86	0.23	2.10	-2.35	
	Window W1	-1	x	4	0.90	0.23	1.30	-1.08	
	Lintel all round	-1	x	1	25.34	0.23	0.15	-0.87	
	Cross wall between store 1 and 2	-1	x	1	3.35	0.23	0.15	-0.12	
	Cross wall between store and kitchen	-1	x	1	5.23	0.23	0.15	-0.18	
	Cross wall between Verandah and kitchen	-1	x	1	3.40	0.23	0.15	-0.12	
								22.65	
	Qty			22.65		5622.33	M³		127318
8	Supplying and erecting centering are strutting including necessary supports for place surface for RCC columns footing pedestal beam criticals piers etc., using mild steel angles of sizes 90 x 90 x 10 cm gauge stiffness welded mild steel of sizes 25 x 25 x 3 cm for boarding laying over silver oak joists of single 10cm - 6.5cm space of 75cm ceter to center								
	Lintel								
	Door Bottom	1	x	3	0.90	0.23		0.62	
	Window Bottom W1	1	x	4	0.90	0.23		0.83	
	Window Sunshade Bottom								
	Window Sunshade	3	x	1	1.36	0.60		2.45	
	Window sunshade sides	1	x	3	2.56		0.05	0.38	
	Sunshade -verandah	1	x	1	5.32	0.60		3.19	
	Sunshade -verandah sides	1	x	1	6.52		0.05	0.33	
	Lintel Walls alround	1	x	2	25.34		0.15	7.60	
	Cross wall between store 1 and 2	1	x	2	3.35		0.15	1.01	
	Cross wall between store and kitchen	1	x	2	5.23		0.15	1.57	
	Cross wall between Verandah and kitchen	1	x	2	3.40		0.15	1.02	
	Roof slab bottom Store 1 & 2	1	x	1	3.35	5.23		17.52	

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
	D/F Wall b/w store 1& 2	-1	x	1	3.35	0.23		-0.77	
	Roof slab bottom Kitchen/verandah	1	x	1	3.40	5.46		18.56	
	D/F Cross wall between Verandah and kitchen	-1	x	1	3.40	0.23		-0.78	
	Roof sides alround	1	x	1	26.26		0.12	3.15	
								56.68	
	Qty	56.68			m²	911.00			51634
9	Supplying and Fabrication of steel for RCC works including all cost of cutting bending and tying of steels and kept ready for concrete in position etc.,								
	Qty	0.68			mt	87400.75			59517
10	R C C 1:11/2:3 mix usinig 20mm ISS HBG metal including all cost and conveyance of labour charges etc., Complete.,								
	Plinth Beam alround	1	x	1	25.34	0.23	0.075	0.44	
	Cross wall between store 1 and 2	1	x	1	3.35	0.23	0.075	0.06	
	Cross wall between store and kitchen	1	x	1	5.23	0.23	0.075	0.09	
	Cross wall between Verandah and kitchen	1	x	1	3.40	0.23	0.075	0.06	
	Lintel alround	1	x	1	25.34	0.23	0.15	0.87	
	Cross wall between store 1 and 2	1	x	1	3.35	0.23	0.15	0.12	
	Cross wall between store and kitchen	1	x	1	5.23	0.23	0.15	0.18	
	Cross wall between Verandah and kitchen	1	x	1	3.40	0.23	0.15	0.12	
	W Front sunshade	1	x	3	1.36	0.60	0.063	0.15	
	Sunshade -verandah	1	x	1	5.32	0.60	0.063	0.20	
	Roof slab	1	x	1	7.44	5.69	0.12	5.08	
	Cup board slab	2	x	5	0.90	0.45	0.05	0.20	
								7.57	
	Qty	7.57			m³	8164.43			61775
11	Plastering with CM 1:3 mix using 10 mm thick including all cost and conveyance of labour charges etc.,								

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
	Roof ceiling - Store 1	1	x	1	3.35	2.50		8.38	
	Roof ceiling - Store 2	1	x	1	3.35	2.50		8.38	
	Ceiling - Kitchen	1	x	1	3.40	4.00		13.60	
	verandah ceiling	1	x	1	3.63	1.23		4.46	
								34.81	
	Qty	34.81			m²	263.40			9170
12	Plastering with CM 1:5 mix 12mm thick including all cost and conveyance of labour charges etc., complete.								
	Store : 1 inner wall alround	1	x	1	11.70		3.05	35.69	
	Store 2 inner wall alround	1	x	1	11.70		3.05	35.69	
	Kitchen inner wall alround	1	x	1	12.00		3.05	36.60	
	verandah	1	x	1	4.86		3.05	14.82	
	Outside wall alround	1	x	1	26.26		3.50	91.91	
	Sunshade window	2	x	3	1.36	0.60		4.90	
	Sunshade -verandah	2	x	1	5.32	0.60		6.38	
	Parapet wall inside	1	x	1	24.42		0.30	7.33	
	Parapet Top	1	x	1	25.34	0.23		5.83	
	Steps								
	Step Tread	1	x	3	3.63	0.30		3.27	
	Step Riser	1	x	3	3.63		0.15	1.63	
	Deduct								
	Door	-2	x	3	0.90		2.10	-11.34	
	Window	-2	x	4	0.90		1.30	-9.36	
								223.34	
	Qty	223.34			m²	228.64			51065
13	Weathering coarse with Brick jelly lime concrete using 20mm brick jelly with slacked lime in the ratio of 32:12.5 including cost and conveyance of all materials to site and all labour charges for mixing , laying ,and finishing etc complete for 10 cum								
	Terrace	1	x	1	6.98	5.23	0.075	2.74	
								2.74	
	Qty	2.74			m²	3592.62			9836

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
14	Finishing the roof with one course of pressed tiles of size 23cm X 23cm X 2cm and top of pointing with CM 1:3 mix including all cost and conveyance of labour charges etc.,								
	Terrace	1	x	1	6.98	5.23		36.51	
	Skirting wall alround	1	x	1	24.42		0.20	4.88	
								41.39	
	Qty	41.39			m²	1128.03			46689
15	Granolithic flooring with CC 1;2:4 mix using 10mm -12mm ISS chips HBG metal including all cost and conveyance of labour charges etc.,								
	Store 1	1	x	1	3.35	2.50		8.38	
	Store 2	1	x	1	3.35	2.50		8.38	
	Kitchen	1	x	1	3.40	3.00		10.20	
	verandah open	1	x	1	3.63	1.23		4.46	
	Door soffits	1	x	3	0.90	0.23		0.62	
	Raised platform 1	1	x	1	2.50	0.60		1.50	
	Raised platform 2	1	x	1	3.35	0.60		2.01	
								35.55	
	Qty	35.55				148.01			5261
16	Supply of door of size of 0.90 x 2.10 including all cost and conveyance etc.,								
	Door	1	x	3	0.90		2.10	5.67	
	Qty	3.00			m²	5760			17280
17	Supply of Window of size of 0.90 x 1.30 including all cost and conveyance etc.,								
	Window	1	x	4	0.90		1.30	4.68	
								4.68	
	Qty	4.00			No	6500			26000
18	Distempering two coats using best quality and approved colour oil bound distemper over one coat of cemet paint including all cost of labour charge etc.,								
	Roof ceiling - Store 1	1	x	1	3.35	2.50		8.38	
	Roof ceiling - Store 2	1	x	1	3.35	2.50		8.38	
	Ceiling - Kitchen	1	x	1	3.40	3.00		10.20	
	Verandah ceiling	1	x	1	3.63	1.23		4.46	
	Store 1 inner wall alround	1	x	1	11.70		3.05	35.69	
	Store 2 inner wall alround	1	x	1	11.70		3.05	35.69	

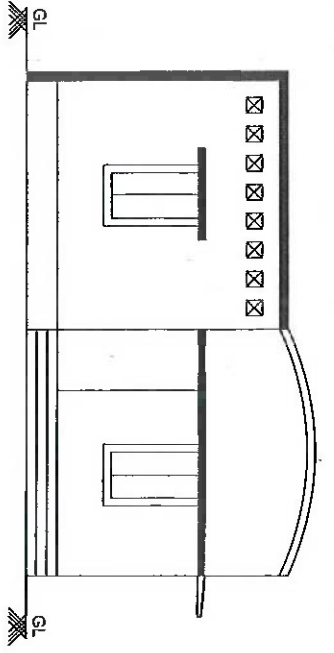
Sl. No	Description of Works	NO	Measurments			Content	Amount	
			L	B	D			
	Provision for water supply						2000	
25	Provision for Name Board arrangements						1000	
	Sub total							
26	Photo charges						500	
27	GST 18%						135537	
28	Contegencies and unforeseen charges etc,,						474	
	Total							940000

P.AMUDHA
PRINCIPAL SECRETARY TO GOVERNMENT

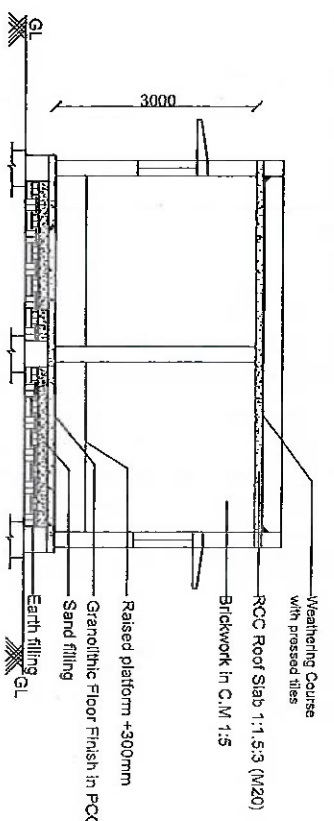
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SECTION OFFICER
[Handwritten Initials]

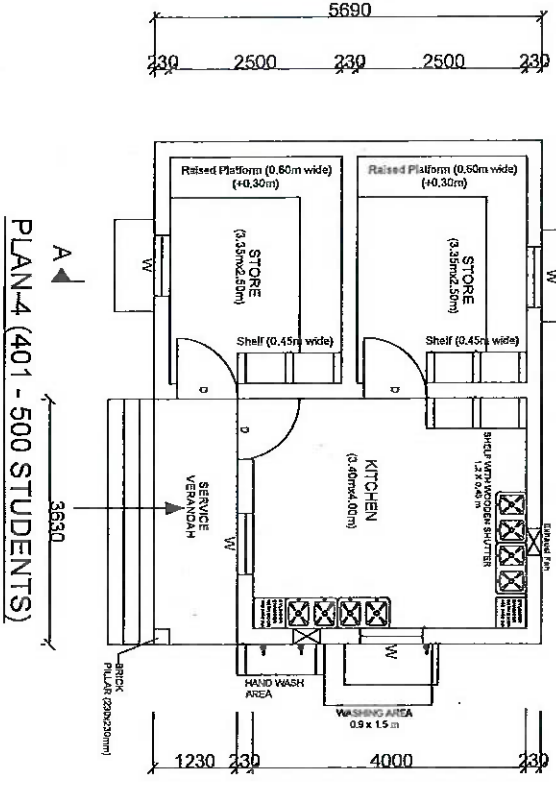
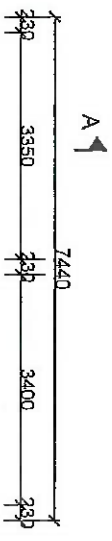
G.O.(Ms).No.67, Rural Development and Panchayat Raj (CGS-1) Department, dated 04.05.2023.



ELEVATION



SECTION-AA'



PLAN-4 (401 - 500 STUDENTS)

- NOTE:
1. ECONOMICAL FOUNDATION FOOTING ONLY TO BE ADOPTED AND DEPTH OF FOUNDATION SHOULD BE BASED ON SBC OF SOIL MET WITH AT THE SITE OF CONSTRUCTION.
 2. FLOORING SHOULD BE DONE USING GRANOLITHIC FLOORING.
 3. PLINTH PROTECTION PLATFORM SHOULD BE PROVIDED AROUND THE BUILDING
 4. SILL SLAB MAY BE PROVIDED BELOW ALL WINDOW OPENINGS

PLINTH AREA : 42.3 SQM/45.3 SQFT

SCHEDULE OF JOINERY					
Sl. No.	TYPE	SIZE	SILL	TOP	REMARKS
		WIDTH	HEIGHT		
1	D	100	2100	2100	STEEL DOOR WITH 15 OMS SHEET SHUTTER
3	W	800	1300	2100	STEEL WINDOW WITH TIGMS SHEET SHUTTER 612MM
TWO LEAVES					

DIRECTORATE OF RURAL DEVELOPMENT

SCALE: 1:50

DATE: _____

ALL DIMENSIONS ARE IN MM.

DESIGNER	AE	JOB NO.	DRAWING NO.
CHECKER	SE		

TYPE DESIGN FOR KITCHEN SHED (ELEMENTARY SCHOOL)

PLAN, ELEVATION AND SECTION

PAMUDHA
PRINCIPAL SECRETARY TO GOVERNMENT

[Signature]
SECTION OFFICER

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ANNXURE-IX

G.O.(Ms).No.67, R.D & P.R (CGS-1) Deptt., dated: 04.05.2023

Construction of Kitchen Shed (Elementary School)

Estimate Amount Rs: 982000

**Area 45.20 m² , 486.35 Sq.ft.
Plan V [501-600 students]**

DETAILED - cum - ABSTRACT ESTIMATE

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
1	Earth work excavating and deposition on bank with intial lead and lift all clauses of soil such as hard stiff clay soil ,stiff black cotton soil small size boulders and hard gravel soil as per SS 20 B for foundation etc.,(0.0-0.30m)								
	Alround Hall	1	x	1	26.24	0.90	0.30	7.08	
	Cross wall between store 1 and Store 2	1	x	1	2.83	0.90	0.30	0.76	
	Cross wall between store and kitchen	1	x	1	4.76	0.90	0.30	1.29	
	Cross wall between Verandah and kitchen	1	x	1	2.83	0.90	0.30	0.76	
	Steps	1	x	1	3.73	1.20	0.20	0.90	
								10.79	
	Qty	10.79				268.19	M ³		2895
2	Earth work excavating and deposition on bank with intial lead and lift all clauses of soil such as hard stiff clay soil ,stiff black cotton soil small size boulders and hard gravel soil as per SS 20 B for foundation etc., (0.30-0.60m)								
	Alround Hall	1	x	1	26.24	0.90	0.30	7.08	
	Cross wall between store 1 and Store 2	1	x	1	2.83	0.90	0.30	0.76	
	Cross wall between store and kitchen	1	x	1	4.76	0.90	0.30	1.29	
	Cross wall between Verandah and kitchen	1	x	1	2.83	0.90	0.30	0.76	
								9.90	
	Qty	9.90				331.07	M ³		3277

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
3	Earth work excavating and deposition on bank with intial lead and lift all clauses of soil such as hard stiff clay soil ,stiff black cotton soil small size boulders and hard gravel soil as per SS 20 B for foundation etc.,(above 0.60m)								
	Alround Hall	1	x	1	26.24	0.90	0.60	14.17	
	Cross wall between store 1 and Store 2	1	x	1	2.83	0.90	0.60	1.53	
	Cross wall between store and kitchen	1	x	1	4.76	0.90	0.60	2.57	
	Cross wall between Verandah and kitchen	1	x	1	2.83	0.90	0.60	1.53	
								19.80	
	Qty	19.80				343.85	M ³	6807	
4	Sand filling with river sand including all cost and conveyance of all labour charges etc., Complete.								
	Building alround	1	x	1	26.24	0.90	0.10	2.36	
	Cross wall between store 1 and Store 2	1	x	1	2.83	0.90	0.10	0.25	
	Cross wall between store and kitchen	1	x	1	4.76	0.90	0.10	0.43	
	Cross wall between Verandah and kitchen	1	x	1	2.83	0.90	0.10	0.25	
	Basement	1	x	1	7.23	5.43	0.30	11.78	
	D/F Cross wall between store 1 and Store 2	-1	x	1	3.28	0.45	0.30	-0.44	
	D/F Cross wall between store and kitchen	-1	x	1	5.21	0.45	0.30	-0.70	
	D/F Cross wall between Verandah and kitchen	-1	x	1	3.28	0.45	0.30	-0.44	
	Steps	1	x	1	3.73	1.20	0.10	0.45	
								13.94	
	Qty	13.94				1683.30	M ³	23458	

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
5	Cement concrete in 1:4:8 mix using 40mm ISS HBG metal including all Cost and conveyance of labour charges etc.,Complete.,								
	Building alround	1	x	1	26.24	0.90	0.15	3.54	
	Cross wall between store 1 and Store 2	1	x	1	2.83	0.90	0.15	0.38	
	Cross wall between store and kitchen	1	x	1	4.76	0.90	0.15	0.64	
	Cross wall between Verandah and kitchen	1	x	1	2.83	0.90	0.15	0.38	
	Basement	1	x	1	7.23	5.43	0.10	3.93	
	D/F Cross wall between store 1 and Store 2	-1	x	1	3.28	0.45	0.10	-0.15	
	D/F Cross wall between store and kitchen	-1	x	1	5.21	0.45	0.10	-0.23	
	D/F Cross wall between Verandah and kitchen	-1	x	1	3.28	0.45	0.10	-0.15	
	Raised platform 1	1	x	1	2.60	0.60	0.30	0.47	
	Raised platform 2	1	x	1	3.50	0.60	0.30	0.63	
	Steps	1	x	1	3.73	1.20	0.10	0.45	
								9.89	
	Qty	9.89				4810.49	M ³		47580
6	Random Rubble Masonry in CM 1:5 mix using required bond stone with simultaneious pointing including all cost and conveyance of labour charges etc.,								
	Building alround I st footing	1	x	1	26.24	0.75	0.45	8.86	
	II nd Footing	1	x	1	26.24	0.60	0.45	7.08	
	basement	1	x	1	26.24	0.45	0.60	7.08	
	Cross wall between store 1 andStore 2 I st footing	1	x	1	2.98	0.75	0.45	1.01	
	II nd Footing	1	x	1	3.13	0.60	0.45	0.85	
	basement	1	x	1	3.28	0.45	0.60	0.89	

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
	Cross wall between store and kitchen I st footing	1	x	1	4.91	0.75	0.45	1.66	
	II nd Footing	1	x	1	5.06	0.60	0.45	1.37	
	basement	1	x	1	5.21	0.45	0.60	1.41	
	Cross wall between Verandah and kitchen I st footing	1	x	1	2.98	0.75	0.45	1.01	
	II nd Footing	1	x	1	3.13	0.60	0.45	0.85	
	basement	1	x	1	3.28	0.45	0.60	0.89	
								32.93	
	Qty	32.93				5133.92	M³		169052
7	Brick work in CM 1:5 mix using country bricks size of 9" X 43/8" x 23/4" including all cost and conveyance of labour charges etc.,Complte.								
	upto basement								
	Brick on Edge - main wall alround	1	x	1	26.24	0.45	0.075	0.89	
	D/F plinth beam	-1	x	1	26.24	0.23	0.075	-0.45	
	Brick on Edge -Cross wall between store 1 and 2	1	x	1	3.28	0.45	0.075	0.11	
	D/F plinth beam	-1	x	1	3.5	0.23	0.075	-0.06	
	Brick on Edge -Cross wall between store and kitchen	1	x	1	5.21	0.45	0.075	0.18	
	D/F plinth beam	-1	x	1	5.43	0.23	0.075	-0.09	
	Brick on Edge -Cross wall between Verandah and kitchen	1	x	1	3.28	0.45	0.075	0.11	
	D/F plinth beam	-1	x	1	3.5	0.23	0.075	-0.06	
	Steps	1	x	1	3.73	0.90	0.15	0.50	

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
	Steps	1	x	1	3.73	0.60	0.15	0.34	
	Steps	1	x	1	3.73	0.30	0.15	0.17	
								1.62	
		1.62				5547.53	M³		9003
	Ground floor								
	Main wall alround	1	x	1	26.24	0.23	3.05	18.41	
	Cross wall between store 1 and 2	1	x	1	3.5	0.23	3.05	2.46	
	Cross wall between store and kitchen	1	x	1	5.43	0.23	3.05	3.81	
	Cross wall between Verandah and kitchen	1	x	1	3.5	0.23	3.05	2.46	
	Parapet alround	1	x	1	26.24	0.23	0.30	1.81	
	Brick Pillar	1	x	1	0.23	0.23	2.10	0.11	
	Cup board	2	x	3	0.45	0.115	2.00	0.62	
	Deductions								
	Deduct - Door	-1	x	3	0.90	0.23	2.10	-1.30	
	verandah open	-1	x	1	4.96	0.23	2.10	-2.40	
	Window W1	-1	x	4	0.90	0.23	1.30	-1.08	
	Lintel all round	-1	x	1	26.24	0.23	0.15	-0.91	
	Cross wall between store 1 and 2	-1	x	1	3.50	0.23	0.15	-0.12	
	Cross wall between store and kitchen	-1	x	1	5.43	0.23	0.15	-0.19	
	Cross wall between Verandah and kitchen	-1	x	1	3.50	0.23	0.15	-0.12	
								23.56	
	Qty	23.56				5622.33	M³		132459

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
8	Supplying and erecting centering and strutting including necessary supports for place surface for RCC columns footing pedestal beam criticals piers etc., using mild steel angles of sizes 90 x 90 x 10 cm gauge stiffness welded mild steel of sizes 25 x 25 x 3 cm for boarding laying over silver oak joists of single 10cm - 6.5cm space of 75cm ceter to center								
	Lintel								
	Door Bottom	1	x	3	0.90	0.23		0.62	
	Window Bottom W1	1	x	4	0.90	0.23		0.83	
	Window Sunshade Bottom								
	Window Sunshade	3	x	1	1.36	0.60		2.45	
	Window sunshade sides	1	x	3	2.56		0.05	0.38	
	Sunshade -verandah	1	x	1	5.42	0.60		3.25	
	Sunshade -verandah sides	1	x	1	6.62		0.05	0.33	
	Lintel Walls alround	1	x	2	26.24		0.15	7.87	
	Cross wall between store 1 and 2	1	x	2	3.50		0.15	1.05	
	Cross wall between store and kitchen	1	x	2	5.43		0.15	1.63	
	Cross wall between Verandah and kitchen	1	x	2	3.50		0.15	1.05	
	Roof slab bottom Store 1 & 2	1	x	1	3.50	5.43		19.01	
	D/F Wall b/w store 1& 2	-1	x	1	3.50	0.23		-0.81	
	Roof slab bottom Kitchen/verandah	1	x	1	3.50	5.66		19.81	
	D/F Cross wall between Verandah and kitchen	-1	x	1	3.50	0.23		-0.81	
	Roof sides alround	1	x	1	27.16		0.12	3.26	
								59.93	
	Qty	59.93			m²	911.00		54596	

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
9	Supplying and Fabrication of steel for RCC works including all cost of cutting bending and tying of steels and kept ready for concrete in position etc.,								
	Qty	0.72			mt	87400.75			62891
10	R C C 1:11/2:3 mix usinig 20mm ISS HBG metal including all cost and conveyance of labour charges etc., Complete.,								
	Plinth Beam alround	1	x	1	26.24	0.23	0.075	0.45	
	Cross wall between store 1 and 2	1	x	1	3.50	0.23	0.075	0.06	
	Cross wall between store and kitchen	1	x	1	5.43	0.23	0.075	0.09	
	Cross wall between Verandah and kitchen	1	x	1	3.50	0.23	0.075	0.06	
	Lintel alround	1	x	1	26.24	0.23	0.15	0.91	
	Cross wall between store 1 and 2	1	x	1	3.50	0.23	0.15	0.12	
	Cross wall between store and kitchen	1	x	1	5.43	0.23	0.15	0.19	
	Cross wall between Verandah and kitchen	1	x	1	3.50	0.23	0.15	0.12	
	W Front sunshade	1	x	3	1.36	0.60	0.063	0.15	
	Sunshade -verandah	1	x	1	5.42	0.60	0.063	0.20	
	Roof slab	1	x	1	7.69	5.89	0.12	5.44	
	Cup board slab	2	x	5	0.90	0.45	0.05	0.20	
								8.00	
	Qty	8.00			m³	8164.43			65276
11	Plastering with CM 1:3 mix using 10 mm thick including all cost and conveyance of labour charges etc.,								
	Roof ceiling - Store 1	1	x	1	3.50	2.60		9.10	
	Roof ceiling - Store 2	1	x	1	3.50	2.60		9.10	
	Ceiling - Kitchen	1	x	1	3.50	4.20		14.70	

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
	verandah ceiling	1	x	1	3.73	1.23		4.59	
								37.49	
	Qty	37.49			m²	263.40			9874
12	Plastering with CM 1:5 mix 12mm thick including all cost and conveyance of labour charges etc., complete.								
	Store : 1 inner wall around	1	x	1	12.20		3.05	37.21	
	Store 2 inner wall around	1	x	1	12.20		3.05	37.21	
	Kitchen inner wall around	1	x	1	12.00		3.05	36.60	
	verandah	1	x	1	4.96		3.05	15.13	
	Outside wall around	1	x	1	27.16		3.50	95.06	
	Sunshade window	2	x	3	1.36	0.60		4.90	
	Sunshade -verandah	2	x	1	5.42	0.60		6.50	
	Parapet wall inside	1	x	1	25.32		0.30	7.60	
	Parapet Top	1	x	1	26.24	0.23		6.04	
	Steps								
	Step Tread	1	x	3	3.73	0.30		3.36	
	Step Riser	1	x	3	3.73		0.15	1.68	
	Deduct								
	Door	-2	x	3	0.90		2.10	-11.34	
	Window	-2	x	4	0.90		1.30	-9.36	
								230.57	
	Qty	230.57			m²	228.64			52719
13	Weathering coarse with Brick jelly lime concrete using 20mm brick jelly with slacked lime in the ratio of 32:12.5 including cost and conveyance of all materials to site and all labour charges for mixing , laying ,and finishing etc complete for 10 cum								
	Terrace	1	x	1	7.23	5.43	0.075	2.94	
								2.94	
	Qty	2.94			m²	3592.62			10578

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
14	Finishing the roof with one course of pressed tiles of size 23cm X 23cm X 2cm and top of pointing with CM 1:3 mix including all cost and conveyance of labour charges etc.,								
	Terrace	1	x	1	7.23	5.43		39.26	
	Skirting wall alround	1	x	1	25.32		0.20	5.06	
								44.32	
	Qty	44.32			m²	1128.03			49998
15	Granolithic flooring with CC 1;2:4 mix using 10mm -12mm ISS chips HBG metal including all cost and conveyance of labour charges etc.,								
	Store 1	1	x	1	3.50	2.60		9.10	
	Store 2	1	x	1	3.50	2.60		9.10	
	Kitchen	1	x	1	3.50	3.00		10.50	
	verandah open	1	x	1	3.73	1.23		4.59	
	Door soffits	1	x	3	0.90	0.23		0.62	
	Raised platform 1	1	x	1	2.60	0.60		1.56	
	Raised platform 2	1	x	1	3.50	0.60		2.10	
								37.57	
	Qty	37.57				148.01			5560
16	Supply of door of size of 0.90 x 2.10 including all cost and conveyance etc.,								
	Door	1	x	3	0.90		2.10	5.67	
	Qty	3.00			m²	5760			17280
17	Supply of Window of size of 0.90 x 1.30 including all cost and conveyance etc.,								
	Window	1	x	4	0.90		1.30	4.68	
								4.68	
	Qty	4.00			No	6500			26000
18	Distemping two coats using best quality and approved colour oil bound distemper over one coat of cemet paint including all cost of labour charge etc.,								
	Roof ceiling - Store 1	1	x	1	3.50	2.60		9.10	
	Roof ceiling - Store 2	1	x	1	3.50	2.60		9.10	
	Ceiling - Kitchen	1	x	1	3.50	3.00		10.50	
	Verandah ceiling	1	x	1	3.73	1.23		4.59	

Sl. No	Description of Works	NO			Measurments			Content	Amount
					L	B	D		
	Store 1 inner wall around	1	x	1	12.20		3.05	37.21	
	Store 2 inner wall around	1	x	1	12.20		3.05	37.21	
	Kitchen inner wall around	1	x	1	12.00		3.05	36.60	
	Deduct								
	Door	-1	x	5	0.90		2.10	-9.45	
	Window	-1	x	4	0.90		1.30	-4.68	
								130.18	
	Qty	130.18				158.46	M ²		20629
19	Painting two coats of newly plastered wall surface with ready mixed plastic emulsion paint of first class quality and of approved colour over a priming coat including thorough scrapping, clean removal of dirt, and including necessary plaster of paris putty, wherever required etc., complete complying with standard specification.								
	Outside wall around	1	x	1	27.16		3.50	95.06	
	Parapet wall inside	1	x	1	25.32		0.30	7.60	
	Parapet Top	1	x	1	26.24	0.23		6.04	
	verandah two sides	1	x	1	4.96		3.05	15.13	
	Steps								
	Step Tread	1	x	3	3.73	0.30		3.36	
	Step Riser	1	x	3	3.73		0.15	1.68	
	Deduct								
	Door	-1	x	1	0.90		2.10	-1.89	
	Window	-1	x	4	1.20		1.30	-6.24	
								120.72	
	Qty	120.72				222.66	M ²		26880
20	Supplying and painting two coats new iron work such as steel doors ventilators, window bars etc., (WITHOUT PRIMER)								
	Main Door	2	x	3	0.90		2.10	11.34	
	Window	2	x	4	0.90		1.30	9.36	
								20.70	

SI. No	Description of Works	NO	Measurments			Content	Amount	
			L	B	D			
	Qty	20.70		133.79			2769	
							799582	
21	Front Elevation					LS	15000	
22	Providing Kitchen stage ,wash Basin and Washing area arrangements						12000	
23	Providing Electrification Arrangements (16 amp switch with earthing,light points and exhaust fan 2 nos)						10000	
	Provision for water supply						2000	
25	Provision for Name Board arrangements						1000	
	Sub total							
26	Photo charges						500	
27	GST 18%						141588.6	
28	Contegencies and unforeseen charges etc,,						329	
	Total							982000

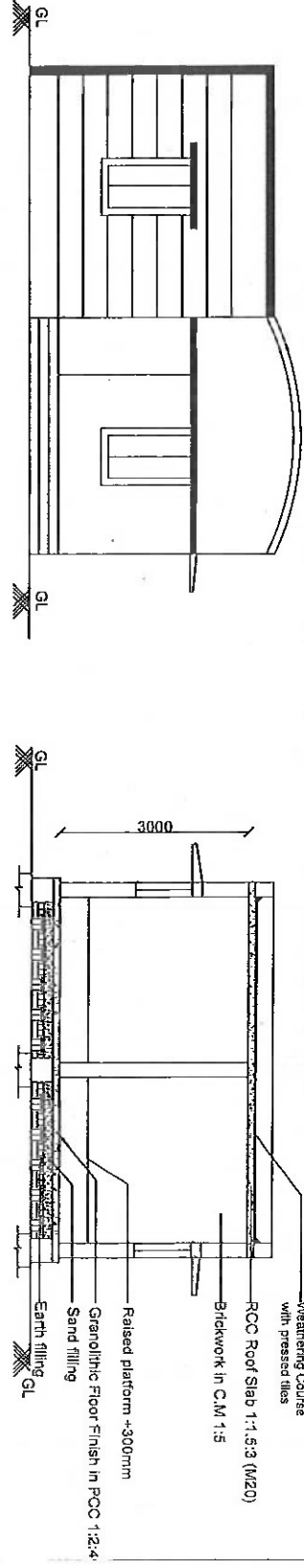
P.AMUDHA
PRINCIPAL SECRETARY TO GOVERNMENT

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SECTION OFFICER

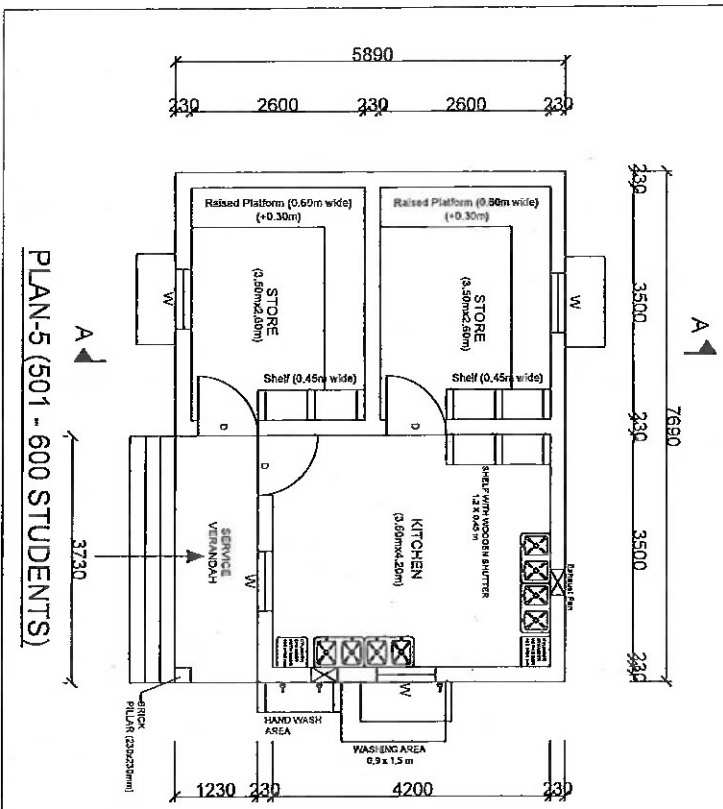
8/1/21

ANNEXURE-X



ELEVATION

SECTION-AA'



PLAN-5 (501 - 600 STUDENTS)

- NOTE:
1. ECONOMICAL FOUNDATION FOOTING ONLY TO BE ADOPTED AND DEPTH OF FOUNDATION SHOULD BE BASED ON SBC OF SOIL MET WITH AT THE SITE OF CONSTRUCTION.
 2. FLOORING SHOULD BE DONE USING GRANOLITHIC FLOORING.
 3. PLINTH PROTECTION PLATFORM SHOULD BE PROVIDED AROUND THE BUILDING
 4. SILL SLAB MAY BE PROVIDED BELOW ALL WINDOW OPENINGS

PLINTH AREA : 45.2 SQM/486.6 SQFT

SCHEDULE OF JOINERY						
Sl. NO.	TYPE	SIZE	SILL	TOP	DESCRIPTION	REMARKS
1	D	900	2100	2100	STEEL DOOR WITH 10 QMS SHEET SHUTTER	SINGLE LEAF
3	W	900	1300	900	STEEL WINDOW WITH 10 QMS SHEET SHUTTER	TWO LEAVES

DIRECTORATE OF RURAL DEVELOPMENT

DATE: _____ ALL DIMENSIONS ARE IN MM.

SCALE: 1/50

JOB NO: _____ DRAWING NO: _____

TYPE DESIGN FOR KITCHEN SHED (ELEMENTARY SCHOOL)

PLAN, ELEVATION AND SECTION.

PAMUDHA
PRINCIPAL SECRETARY TO GOVERNMENT

SECTION OFFICER
Ghanshyam Prasad

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24/05/23