



ABSTRACT

Mahatma Gandhi National Rural Employment Guarantee Scheme – Announcement made by Hon'ble Minister (Rural Development) for the year 2021-22 – Laying of Cement Concrete Pavement, Paver Block pavement, Construction of Cement Concrete Drainage and Improvement of Crematorium/ Burial Ground in Rural areas at an estimated cost of Rs.916.73 Crore during the financial year 2021-22 – Permission accorded – Orders – Issued.

RURAL DEVELOPMENT AND PANCHAYAT RAJ (CGS.1) DEPARTMENT

G.O.(Ms). No.140

Dated: 02.12.2021

பிலவ, கார்த்திகை 16

திருவள்ளூர் ஆண்டு 2052

Read:

1. Announcement made by Hon'ble Minister for Rural Development on the floor of the Tamil Nadu Legislative Assembly on 24.08.2021.
2. From the Director of Rural Development and Panchayat Raj, Letter No.45324/2021/MGNREGS-I-2, Dated: 05.09.2021.

ORDER:

The Hon'ble Minister (Rural Development) has made the following Announcement on the floor of Tamil Nadu Legislative Assembly on 24.08.2021:-

"ஊரகப் பகுதிகளில் வாழும் மக்களின் பயன்பாட்டிற்காக 1,000 கி.மீ. நீளத்திற்கு சிமெண்ட் கான்கிரீட் சாலைகள், 600 கி.மீ நீளத்திற்கு பேவர் பிளாக் சாலைகள், 350 கி.மீ நீளத்திற்கு சிமெண்ட் கான்கிரீட் வடிகால்கள் அமைத்தல் மற்றும் 500 இடுகாடு / சுடுகாடு மேம்பாட்டுப் பணிகள் 916.75 கோடி ரூபாய் மதிப்பீட்டில் 2021-22 ஆம் ஆண்டில் மேற்கொள்ளப்படும்".

2. Based on the above announcement, the Director of Rural Development and Panchayat Raj, in the letter second read above, has sent a proposal stating that the Para 4(1) IV (ii) of Schedule-I of the National Rural Employment Guarantee Act, 2005 permits "Providing all-weather rural road connectivity to unconnected villages and to connect identified rural production centres to the existing pucca road network; and construction of pucca internal roads or streets including side drains and culverts within a village". The "Paragraph 4(1) (iv) (i) of Schedule-I of the MGNREGA, provides for rural sanitation works under Rural Infrastructure Category, wherein solid and liquid waste management works (SLWM) may be undertaken amongst other listed works. Accordingly, works like construction of village drains for disposal of grey water may be undertaken under Mahatma Gandhi National Rural Employment Guarantee Scheme as standalone works." The Para 4(1)IV(v) of Schedule-I states that "permits the construction of buildings for Gram Panchayats, Women Self-help groups, federations, cyclone shelters, Anganwadi Centres, Village haats and crematorium at the Village or Block Level.

3. The Director of Rural Development and Panchayat Raj has further stated, in the "Permissible Works List" communicated by Ministry of Rural Development, Government of India, the construction of Cement Concrete Roads for community, Interlocking Paver Block pavements for community, Construction of Concrete Drain and Improvement of Burial Ground are approved under Category "D – Rural Infrastructure". Therefore, the Director of Rural Development and Panchayat Raj has proposed to undertake the following works under Mahatma Gandhi National Rural Employment Guarantee Scheme during the financial year 2021-22 as detailed below:-

1. Laying of 1000 km of Cement Concrete Pavement at a cost of Rs.390.50 Crore during the financial year 2021-22.
2. Laying of 600 km of Interlocking Paver Block Pavement at a cost of Rs.260.28 Crore during the financial year 2021-22.
3. Construction of 350 km of Cement Concrete Drain in rural areas at a cost of Rs.163.10 Crore during the financial year 2021-22.
4. Improvement Works in 500 Burial Ground / Crematorium at a cost of Rs.102.85 Crore during the financial year 2021-22.

4. The Director of Rural Development and Panchayat Raj has further stated that the above works were approved by the Empowered Committee, Ministry of Rural Development, Government of India during the Empowered committee Meeting held on 12.02.2021. The Guidelines for Planning, selection and execution of above works during the year 2021-22 shall be followed as per the G.O.s mentioned below:-

Sl. No.	Name of the Work	Guidelines G.O.
1	1000 km of Cement Concrete Pavement	G.O. (Ms). No.127, Rural Development and Panchayat Raj (CGS.1) Department, dated 12.09.2018

Sl. No.	Name of the Work	Guidelines G.O.
2	600 km of Interlocking Paver Block Pavement	G.O. (Ms). No.130, Rural Development and Panchayat Raj (CGS.1) Department, dated 12.09.2018
3	350 km of Cement Concrete Drain	G.O. (Ms). No.130, Rural Development and Panchayat Raj (CGS.1) Department, dated 12.09.2018
4	500 Burial Ground improvement	G.O. (Ms). No.17, Rural Development and Panchayat Raj (CGS.1) Department, dated 02.02.2021

Non-Negotiable Items:

- (1) Citizen Information Board 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: K-11023/1/1/2017 – MGNREGA (IV), MoRD, Dated 07.04.2017. The cost of Citizen Information Board will be fixed at Rs.4,500/- per unit The cost of the Citizen Information Board shall be included in the estimate itself.
- (2) Estimate creation, Administrative sanction and Technical sanction shall be done in SECURE software.
- (3) In the case of construction of cremation sheds, site selected should be inspected by the Project Director (DRDA) and Executive Engineer (RD).
- (4) The Notified Wage Rate as per G.O.(Ms). No.60, Rural Development and Panchayat Raj (CGS.1) Department, Dated: 15.04.2021 and the Rural Schedule of Rates finalised in G.O. (Ms). No.74, Rural Development and Panchayat Raj (CGS.1) Department, Dated:07.06.2021 shall be adopted. In case of any revision made in Rural Schedule of Rates in future, the same shall be adopted.

5. The Director of Rural Development and Panchayat Raj has further stated that, 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 and it should be entered work wise in Register No.2 of Mahatma Gandhi National Rural Employment Guarantee Act of Village Panchayats concerned.

6. The Director of Rural Development and Panchayat Raj has worked out the funding pattern as follows:-

Laying of 1000 Km length of Cement Concrete Pavement:-

1,000 Km of Cement Concrete Pavement will be constructed at an estimated cost of Rs.390.50 Crore at a unit cost Rs.39.05 Lakh per Km during the financial year

2021-22 under Mahatma Gandhi National Rural Employment Guarantee Scheme, out of which the Labour Component is Rs.46.00 Crore and Material Component is Rs.344.50 Crore with Labour Material ratio of 11.78:88.22.

(Rupees in Crores)

Description	Material Component (88.22%)			Labour Component (11.78%) (Central Share 100%)	Grand Total
	Central Share (75%)	State Share (25%)	Total		
Cost of Construction of Cement Concrete Pavement/km = 39.05 Lakhs. Cost for 1000 km of Cement Concrete Pavement = Rs.39050.00 Lakhs =(Rs.390.50 Crores)	258.38	86.12	344.50	46.00	390.50

Laying of 600 Km length of Interlocking Paver Block Pavement

600 Km of Paver Block Pavement will be constructed at an estimated cost of Rs.260.28 Crore at a unit cost Rs.43.38 Lakhs per Km, out of which the Labour Component is Rs.23.30 Crore and Material Component is Rs.236.98 Crore with Labour Material ratio of 8.95:91.05.

(Rupees in Crores)

Description	Material Component (91.05%)			Labour Component (8.95%) (Central Share 100%)	Grand Total
	Central Share (75%)	State Share (25%)	Total		
Cost of Construction of Interlocking Paver Block Pavement/km = 43.38 Lakhs. Cost for 600 km of Interlocking Paver Block Pavement = Rs.26028.00 Lakhs =(Rs.260.28 Crores)	177.74	59.24	236.98	23.30	260.28

Construction of 350 Km length of Cement Concrete Drainage

350 Km length of Cement Concrete Drainage will be constructed at an estimated cost of Rs.163.10 Crore at a unit cost Rs.46.60 Lakh per Km, out of which the Labour Component is Rs.24.07 Crore and Material Component is Rs.139.03 Crore with the Labour Material Ratio of 14.76:85.24.

(Rupees in Crores)

Description	Material Component (85.24%)			Labour Component (14.76%) (Central Share 100%)	Grand Total
	Central Share (75%)	State Share (25%)	Total		
Cost of Construction of CC Drain / km= 46.60 Lakhs. Cost for 350 km of CC Drain= Rs.16310.00 Lakhs = (Rs.163.10 Crores)	104.27	34.76	139.03	24.07	163.10

Improvement of 500 Burial Grounds/ Crematorium

The unit cost for the construction of cremation shed is Rs.20.57 Lakhs. The labour and material cost ratio is 11.07:88.93. Construction of Cremation Shed, Waiting Shed, Compound Wall, Paver Block Pavement and Plantation works are included in the above unit cost. The Breakup details are given below:-

Sl. No.	Item	Estimate Cost (Rs. In Lakhs)
1.	Cremation Shed	3.34
2.	Waiting Shed	4.56
3.	Compound Wall	7.11
4.	Paver Block Pavement	5.06
5.	Plantation	0.50
	Total Cost	20.57

(Rupees in Crores)

Description	Material Component (88.93%)			Labour Component (11.07%) (Central Share 100%)	Grand Total
	Central Share (75%)	State Share (25%)	Total		
Cost of 500 No's of Cremation shed 500 No's x Rs.20.57 Lakhs = Rs.10285.00 Lakhs (Rs.102.85 Crores)	68.60	22.87	91.47	11.38	102.85

The unit costs for the above works are calculated based on the Standard type design and Rural Schedule of Rates 2021-22. However, the actual estimate may vary according to the site condition and issue of PWD Schedule of Rate. 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.

7. The Director of Rural Development and Panchayat Raj has therefore requested the Government to accord permission for laying of 1,000 Km of Cement Concrete Pavement, laying of 600 Km of Paver Block Pavement, Construction of 350 Km of Cement Concrete Drainage and Improvement of 500 Burial Ground/Crematorium in rural areas at a total estimated cost of Rs.916.73 Crore under Mahatma Gandhi National Rural Employment Guarantee Scheme during the financial year 2021-22.

8. The Government, after careful examination, have decided to accept the proposal of Director of Rural Development and Panchayat Raj and accord permission for laying of 1,000 Km of Cement Concrete Pavement, laying of 600 Km of Paver Block Pavement, Construction of 350 Km of Cement Concrete Drainage and Improvement of 500 Burial Ground/Crematorium in rural areas at a total estimated cost of Rs.916.73 Crore under Mahatma Gandhi National Rural Employment Guarantee Scheme during the financial year 2021-22, subject to the following conditions:-

- (i) The Financial Sanction shall be made only after receipt of Government of India share,
- (ii) The proposed works should be within the overall Annual Action Plan already agreed by Government.
- (iii) With reference to Cement Concrete roads, priority should be given to roads with high slope and places where water flows on the road or crosses the road and;
- (iv) With reference to paver block pavement, priority should be given to heavy use junction improvements in all directions.

9. Model estimates for Cement Concrete Pavement, Interlocking Paver Block, Cement Concrete Drain and Cremation Shed are enclosed as Annexure I, II, III and IV.

10. Geo-tagging and 3-stage photographs i.e. before, during and after work will be taken up.

11. This order is issued with the concurrence of Finance Department vide its U.O.No.53774/Fin(RD)/2021, dated 30.11.2021.

(BY ORDER OF THE GOVERNOR)

**P. AMUDHA,
PRINCIPAL SECRETARY TO GOVERNMENT**

To

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

All District Collectors (except Chennai District).

(Through the DRD & PR, Chennai-15)

All Project Directors, District Rural Development Agencies

(through the DRD & PR, Chennai-15).

The Accountant General, Chennai-18.

Copy to:

The Pay and Accounts Officer (South), Chennai-35.

The Finance (RD) Department, Chennai-9.

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

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

The Principal Private Secretary to Principal Secretary to

Government, Rural Development and Panchayat Raj Department,
Chennai-9.

The National Informatics Centre, Secretariat, Chennai-9.

Stock file / Spare copy

//FORWARDED BY ORDER//


SECTION OFFICER.



G.O.(Ms).No.140, Rural Development and Panchayat Raj (CGS.1) Department, dated 02.12.2021.
Model Estimate for Providing Cement Concrete Pavement (1km Length) under Mahatma Gandhi NREGS
Detailed cum Abstract Estimate

[illegible]

SECTION OFFICER.

Annexure - II

G.O.(Ms). No.140, Rural Development and Panchayat Raj (CGS.1) Department, dated 02.12.2021.

Model Estimate for Providing Interlocking Paver Block (1 Km length) under Mahatma Gandhi NREGS

ABSTRACT CUM DETAILED ESTIMATE

Estimate Amount : Rs. 4338000

Sl. No.	Details of Work	No.	Measurement			Contents	Amount (In Rs.)
			L.	B.	D.		
1	Earth work excavation and depositing on bank with initial lead and lift in hard stiff clay and hard gravelly soil as per SS20B for narrow foundations etc., complete as per standard specification.						
	Core wall foundation	1 x 2	1000	0.3	0.3	180 m ³	
	Levelling the undulated surface	1 x 1	1000	1.25	0.15	187.5 m ³	
	367.5 m³			260.56 /M³			95756
2	Cement Concrete 1:4:8 (One Cement Four sand and Eight Hard Broken Granite stone) using 40 mm gauge Hard Broken Granite stone jelly for foundation including cost and conveyance of all materials to site and all labour charges at site, including curing etc., complete as per standard specification.						
	Base concrete for core wall	1 x 2	1000	0.3	0.1	60 m ³	
	60 m³			4123.59 /M³			196879
3	Brick work in CM 1:5 mix using country bricks including cost and conveyance of all materials to site and all labour charges at site, including curing etc., complete as per standard specification.						
	core wall	1 x 2	1000	0.23	0.45	207 "	
	207 m³			4948.44 /M³			1024327
4	Plastering in cement motar in CM1:5 mix of 12mm thick including cost and conveyance of all materials to site and all labour charges at site, including curing etc., complete as per standard specification.						
	Core wall	1 x 2	1000		0.68	1360	
	1360 m³			192.10 /M³			172896
5	Providing GSB Grade III from approved quarry and staking them at site to dept. gauge for pre-measurement including cost and conveyance of all materials to site and all labour charges at site, including watering and compaction etc., complete as per standard specification.						
	for the road	1 x 1	1000	2.54	0.15	381 m ³	
	381 m³			1517.98 /m³			578350
6	Flooring with paver blocks laid as interlocking concrete blocks having thickness 60mm and compacted over a thin bedding sand layer of 25mm thickness and joints shall be filled by fine sand of specified grading including cost and conveyance of all materials to site and all labour charges at site, including cost of sand for bedding and watering etc., complete as per standard specification.						
	For the road (6 cm thick block)	1 x 1	1000	2.54	-	2540 m ²	
	2540 m²			625.16 /M²			1587906
7	Provision for Citizen Information Board					LS	4500
8	Provision for GST(12%)					LS	427243
9	Provision for Escalation Cost (7%)					LS	249225
10	Provision for Photographic charges					LS	500
11	Contingencies					LS	418
	TOTAL Rs.:						4338000

P. AMUDHA
PRINCIPAL SECRETARY TO GOVERNMENT

//True copy//

SECTION OFFICER.

Annexure - III

G.O.(Ms).No.140, Rural Development and Panchayat Raj (CGS.1) Department,dated 02.12.2021.

Model Estimate for construction of CC Drain under Mahatma Gandhi NREGS

Rs. 4660000

DETAILED AND ABSTRACT ESTIMATE

Sl. No.	Description of work	Nos	L	B	D	Quantity	Rate	Per	Amount
1	Earth work excavation and depositing on bank with an initial lead of 10m and lift of 2m in sand, silt or other loose soil, wet sand or silt not under water, light black cotton soil, sandy loam and ordinary soil including excavated earth etc., complete								
a)									
	I Depth	1 × 1	1,000.00	1.33	0.30	399.00 M ³			
						399.00 M ³			
						Say : 399.00 M ³	260.56	1M ³	103963
	II Depth	1 × 1	1,000.00	1.33	0.30	399.00 M ³			
						399.00 M ³			
						Say : 399.00 M ³	321.64	1M ³	128334
	III Depth	1 × 1	1,000.00	1.33	0.20	266.00 M ³			
						266.00 M ³			
						Say : 266.00 M ³	334.06	1M ³	88860
2	Cement concrete 1:4:8 mix using 40mm ISS size HBG metal including all cost and conveyance of materials from approved sources to worksite including cost of cement to be supplied departmentally at section stores including handling charges for the same, cost of form work whenever necessary baling out water labour charges for mixing concrete laying compacting curing with all leads for good water including hire and fuel charges for all T&P employed and all other incidental charges etc. complete complying with standard specification								
a)									
		1 × 1	1,000.00	1.33	0.20	266.00 M ³			
						266.00 M ³			
						Say : 266.00 M ³	4123.59	1M ³	1096875
3	Cement concrete 1:3:6 mix using 20mm ISS size HBG metal including all cost and conveyance of materials from approved sources to worksite including cost of cement to be supplied departmentally at section stores including handling charges for the same, cost of form work whenever necessary baling out water labour charges for mixing concrete laying compacting curing with all leads for good water including hire and fuel charges for all T&P employed and all other incidental charges etc. complete complying with standard specification								
		1 × 1	1,000.00	0.23	0.60	138.00 M ³			
						TOTAL = 138.00 M ³			
						Say : 138.00 M ³	4796.41	1M ³	661905
		1 × 1	1,000.00	0.30	0.60	180.00 M ³			
						TOTAL = 180.00 M ³			
						Say : 180.00 M ³	4796.41	1M ³	863354
4	Supplying and erecting centering for sides for all cement concrete works using Mild steel sheets stiffened with Mild steel Angles including removing the same after specified period without damaging works etc., complete								
a)	For drain wall sides								
		2 × 2	1,000.00		0.60	2,400.00 M ²			
						Say = 2400.00 M ²	376.00	1M ²	902400

Sl. No.	Description of work	Nos	L	B	D	Quantity	Rate	Per	Amount
5	Plastering with cement mortar 1:5 (One of cement and five of sand) 12mm thick including finishing smooth, scaffolding, setting, curing etc., complete as directed by the departmental officers.								
	Drain Top & Vent								
	0	1 x 1	1,000.00	0.60		600.00 M ²			
						TOTAL =	600.00 M ²		
						Say :	600.00 M ²	192.10 1M ²	115260
6	Provision for weepholes					LS	LS		1000
7	Provision for Citizen Information board					1.00 No	4500.00	1No	4500
8	Provision for Photographic charges					LS	LS		500
9	Goods and Services Tax @ 12%					LS	LS		437435
10	Escalation Cost @ 7%					LS	LS		255171
11	Contingencies and other unforeseen charges					LS	LS		443
							TOTAL:		4660000

P. AMUDHA
PRINCIPAL SECRETARY TO GOVERNMENT

//True copy//

SECTION OFFICER.

Annexure - IV

G.O.(Ms). No.140, Rural Development and Panchayat Raj (CGS.1) Department, dated 02.12.2021.

Model Estimate for Construction of Cremation shed under

Mahatma Gandhi NREGS

DETAILED CUM ABSTRACT ESTIMATE

ESTIMATE AMOUNT RS:- 2057000

SL NO	DESCRIPTION OF WORK	NOS	MEASUREMENTS			CONTENTS	AMOUNT (In Rs.)
			L	B	D		
1	Earth work excavation and depositing on bank with in initial lead of 10 mt and initial lift of 2mt in Hard Gravelly soil for foundation as per specification SS 20 B						
	Column	1 X 4	1.20	1.20	0.30	1.73 Cum	
	Grade Beam	1 X 1	13.08	0.30	0.30	1.18 Cum	
	Walking platform wall	1 X 1	24.48	0.60	0.30	4.41 Cum	
	Outer platform wall	1 X 1	34.68	0.30	0.30	3.12 Cum	
	D/F Column	1 X -4	1.20	0.30	0.30	(-)0.43 Cum	
						10.01 Cum	
			10.01	Cum @ Rs.	260.56	/cum	2608
2	Earth work excavation and depositing on bank with in initial lead of 10 mt and initial lift of 2mt in Hard Gravelly soil for foundation as per specification SS 20 B						
	Column	1 X 4	1.20	1.20	0.30	1.73 Cum	
	Grade Beam	1 X 1	13.08	0.30	0.10	0.39 Cum	
	Walking platform wall	1 X 1	24.48	0.60	0.30	4.41 Cum	
	D/F Column	1 X -4	1.20	0.30	0.10	(-)0.14 Cum	
						6.39 Cum	
			6.39	Cum @ Rs.	321.64	/cum	2055
3	Earth work excavation and depositing on bank with in initial lead of 10 mt and initial lift of 2mt in Hard Gravelly soil for foundation as per specification SS 20 B						
	Column	1 X 4	1.20	1.20	0.60	3.46 Cum	
	Walking platform	1 X 1	24.48	0.60	0.15	2.20 Cum	
						5.66 Cum	
			5.66	Cum @ Rs.	334.06	/cum	1891
4	Cement Concrete 1:4:8 mix using 40 mm ISS H.B.G. metal including cost and conveyence of all materials to site and all other albour charges etc., completed.						
	Column	1 X 4	1.20	1.20	0.15	0.86 Cum	
	Grade Beam	1 X 1	13.08	0.30	0.10	0.39 Cum	
	Walking platform	1 X 1	24.48	0.60	0.15	2.20 Cum	
	Outer platform wall	1 X 1	34.68	0.30	0.10	1.04 Cum	
	Outer platform	1 X 1	29.88	0.97	0.10	2.90 Cum	
	Walking platform inner	1 X 1	18.48	1.12	0.10	2.07 Cum	
						9.46 Cum	
			9.46	Cum @ Rs.	4123.59	/cum	39009
5	Cement Concrete 1:2:4 mix using 20 mm ISS H.B.G. metal including cost and conveyence of all materials to site and all other albour charges etc., completed.						
	Outter platform	1 X 1	30.80	1.20	0.075	2.77 Cum	
						2.77 Cum	
			2.77	Cum @ Rs.	5432.85	/cum	15049
6	Random Rubble masonry in C.M 1:5 Mix using new rough stones and bond stones with simultaneous pointing including cost and conveyence of all materials						

SL N O	DESCRIPTION OF WORK	NOS			MEASUREMENTS			CONTENTS		AMOUNT (In Rs.)
					L	B	D			
	1 st Footing Alround	1	X	1	24.48	0.45	0.45	4.96	Cum	
	Basement	1	X	1	24.48	0.38	0.60	5.58	Cum	
								10.54	Cum	
					10.54	Cum @ Rs.	4335.48	/cum		45696
7	Supplying and filling the excavated earth including cost of labour charges for filling etc., completed.(Refilling charges)									
	Outter platform	1	X	1	29.88	0.97	0.35	10.14	Cum	
	Inner	1	X	1	2.54	3.54	0.15	1.35	Cum	
	D/F	1	X	-1	2.00	0.60	0.15	(-)0.18	Cum	
								11.31	Cum	
					11.31	Cum @ Rs.	29.30			331
8	Collection and supply of sand and filling conveyance to the site and all labour charges for filling as per standard specifications in all etc									
	Inner	1	X	1	2.54	3.54	0.30	2.70	Cum	
	D/F	1	X	-1	2.00	0.675	0.30	(-)0.41	Cum	
								2.29	Cum	
					2.29	Cum @ Rs.	891.00			2040
9	Dry Brick work wall Including all labour charges as per standard specifications in all etc									
	Inner	1	X	1	2.00	2.00	0.23	0.92	Cum	
	Inner	1	X	2	1.135	0.23	0.68	0.36	Cum	
								1.28	Cum	
					1.28	Cum @ Rs.	4286.10			5486
10	Brick Work In C.M 1:5 mix using good quality of country bricks including cost and conveyance of all materials to site and all other labour charges etc., completed.									
	Gable	0.5	X	2	2.54	0.23	0.65	0.38	Cum	
	Chimney	1	X	2	1.64	0.11	0.45	0.16	Cum	
	Outter platform wall	1	X	1	34.68	0.23	0.30	2.39	Cum	
	Step 1	1	X	1	3.00	0.60	0.15	0.27	Cum	
	Step 2	1	X	1	6.40	0.30	0.15	0.29	Cum	
								3.49	Cum	
					3.49	Cum @ Rs.	5007.64	/cum		17477
11	Supply and erection of steel centering for all R.C.C items of works including hire charges and labour charges for erection etc., completed. (Below Ground level)									
	Column	1	X	4	0.92		0.40	1.47	Sqm	
	Grade Beam	1	X	2	13.08		0.30	7.85	Sqm	
								9.32	Sqm	
					9.32	Sqmt Rs.	376.00	/Sqmt		3504
12	Supply and erection of steel centering for all R.C.C items of works including hire charges and labour charges for erection etc., completed.									
	Column	4	X	4	0.23		3.00	11.04	Sqm	
	Beam	1	X	2	13.08		0.23	6.02	Sqm	
	Sunshade	1	X	1	16.40	0.60		9.84	Sqm	
	Roof bottam	1	X	2	3.54	1.43		10.12	Sqm	
	side	1	X	1	14.00		0.10	1.40	Sqm	
								38.42	Sqm	
					38.42	Sqmt Rs.	752.00	/Sqmt		28892

SL NO	DESCRIPTION OF WORK	NOS	MEASUREMENTS			CONTENTS	AMOUNT (In Rs.)
			L	B	D		
13	Supplying And fabrication of steel including cost and conveyence of all materials to site and all other labour charges for straightening ,cutting, bending , placing in position tying etc completed.						
						0.500 MT	
			0.500	MT @ Rs	68875.45	/MT	34438
14	Reinforced Cement Concrete 1:1.5:3 mix using 20 mm ISS HBG metal including cost and conveyence of all materials to site and all other labour charges etc., completed.						
	Sub Structure						
	Footing	1 X 4	1.20	1.20	0.15	0.86 Cum	
	Footing	1 X 4	$(1.20^2 + 0.30^2)/2$		0.20	0.61 Cum	
	Column	1 X 4	0.23	0.23	0.40	0.08 Cum	
	Grade Beam	1 X 1	13.08	0.23	0.30	0.90 Cum	
						2.45 Cum	
			2.45	Cum @ Rs.	7233.41	/cum	17722
	Super Structure						
	Column	1 X 4	0.23	0.23	3.00	0.63 Cum	
	Beam Around	1 X 1	13.08	0.23	0.23	0.69 Cum	
	Sunshade	1 X 1	16.40	0.60	0.06	0.59 Cum	
	Roof	1 X 2	4.00	1.66	0.10	1.33 Cum	
	D/t Chimney	1 X -2	0.37	0.22	0.10	(-)0.02 Cum	
						3.22 Cum	
			3.22	Cum @ Rs.	7323.21	/cum	23581
15	Plastering with C.M 1:3 mix -10mm thick including cost and conveyence of al materials to site and all other labour charges etc., completed.						
	Roof ceiling	1 X 2	3.54	1.43		10.12 Sqm	
	side	1 X 1	14.00		0.10	1.40 Sqm	
	Beam side	1 X 2	13.08		0.230	6.02 Sqm	
	Bottom	1 X 1	13.08	0.23		3.01 Sqm	
	Sunshade	1 X 2	16.40	0.60		19.68 Sqm	
	Column	4 X 4	0.23		2.40	8.83 Sqm	
	Chimney	2 X 2	1.64		0.45	2.95 Sqm	
	D/F Column	1 X -4	0.23	0.23		(-)0.21 Sqm	
	D/t Chimney	1 X -2	0.37	0.22		(-)0.16 Sqm	
						51.64 Sqm	
			51.64	Sqmat Rs.	222.94	/Sqm	11513
16	Finishing the top of roof with one course of machine pressed tiles size of 200 mm *200 mm*2mm of approved quality laid inC.M 1:3 mix including all cost of materials and labour charges etc.,						
	Roof top	1 X 2	4.00	1.66	...	13.28 Sqm	
	D/t Chimney	1 X -2	0.60	0.45		(-)0.54 Sqm	
						12.74 Sqm	
			12.74	Sqmat Rs.	990.95	/Sqm	12625

S.L. NO	DESCRIPTION OF WORK	NOS	MEASUREMENTS			CONTENTS	AMOUNT (In Rs.)
			L	B	D		
17	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.						
	Roof ceiling	1	X 2	3.54	1.43	10.12	Sqm
	side	1	X 1	14.00	0.10	1.40	Sqm
	Beam side	1	X 2	13.08	0.230	6.02	Sqm
	Bottom	1	X 1	13.08	0.23	3.01	Sqm
	Sunshade	1	X 2	16.40	0.60	19.68	Sqm
	Column	4	X 4	0.23	2.40	8.83	Sqm
	Chimney	2	X 2	1.64	0.45	2.95	Sqm
	D/F Column	1	X -4	0.23	0.23	(-)0.21	Sqm
	D/F Chimney	1	X -2	0.37	0.22	(-)0.16	Sqm
	Basement	1	X 1	26.00	0.45	11.70	Sqm
						63.34	Sqm
				63.34	Sqm Rs.	190.55	/Sqm
							12069
18	Provision for Chimney cover slab etc., 2 -----L.S-----						1000
19	Waiting Shed (Sub Estimate)						456336
20	Compound wall (Sub Estimate)						710753
21	Paver Block (Sub Estimate)						505772
22	Provision for Plantation (Sub Estimate)						50646
23	Provision for Citizen Information Board						4500
24	Provision for Photo charges etc., -----L.S-----						500
25	Provision for GST 12%						32452
26	Provision for Escalation Cost (7%)						18930
27	Provision for other unforeseen charges etc., -----L.S-----						125
						TOTAL Rs.	2057000

P. AMUDHA
PRINCIPAL SECRETARY TO GOVERNMENT

//True copy//

SECTION OFFICER.