M.R.O. 1—17,000—3-6-37.

(1) Number of pages ——————

(2) Date of reply ——————

(3) Initials of the Reference ——————

MADRAS RECORD OFFICE.

Government of Madras.

DEPARTMENT.

G.O. No. Press

Dated 18 .

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
14th September 1870.

No. 239. Read the following letter from the Secretary and Treasurer, Coimbatore Church Building Committee, to the Chief Secretary to Government, Ecclesiastical Department, Fort St. George, dated Coimbatore, 22nd August 1870:—

AGREEABLY to instructions contained in Memorandum, No. 138, of 3rd June 1870, Ecclesiastical Department, I have the honour to submit, for formal sanction, plans, specification, and estimate of the Church now under construction at Coimbatore.

2. The plans abovementioned have been already submitted, through the Venerable the Archdeacon of Madras, for the approval of Government.

3. In G. O., 13th August 1868, No. 179, Ecclesiastical Department, a grant of 5,000 Rupees was sanctioned on the understanding that no further aid was to be looked for from Government. The plans, specification, and estimate were ordered to be sent through the Venerable the Archdeacon of Madras to the Church Building Committee at Coimbatore, who were directed to arrange for the construction of the building under proper supervision.

4. In G. O., 30th October 1868, No. 233, the grant was directed to be withheld.

5. On the representation of the Right Reverend the Bishop of Madras the grant was in G. O. of 16th December 1868, No. 261, ordered to be disbursed to the Church Building Committee, as sanctioned in the G. O. of the 13th August 1868, No. 179, Ecclesiastical Department.

6. The original rough estimate, prepared by the Architect Mr. R. Chisholm, gave Rupees 8,357-11-6 as the cost of the building. It appeared probable that the building, inclusive of furniture, would not (as stated in a letter from the Archdeacon of Madras, alluded to in G. O. of 13th August 1868, No. 179,) cost less than 11,300 Rupees.

7. On the sanction of the grant a revised estimate was prepared by the Public Works Department, bringing up the cost of the building alone to Rupees 13,500.

8. The Church, as originally designed, was to have been built of brick and faced with cut-stone.

9. The bricks obtainable at Coimbatore are of the very worst possible quality.

10. Under the advice of Mr. H. R. P. Carter, the Resident Engineer of the Railway, who had joined the Building Committee, it was resolved to construct the Church of stone throughout.

11. A revised estimate for the construction of the Church has been prepared, and shows the estimated cost to be Rupees 13,767-4-10, being Rupees 267-4-10 in excess of the estimate prepared by the Public Works Department.

12. The excavation of the foundation was commenced in June last year. The work has, since that time, been carried on under the superintendence of one of the members of the Church Building Committee.

13. A slight change was made in the shape of two pillars by direction of the Architect, but with this exception the plans have been followed as closely as the substitution of stone for brick would allow.

14. The Architect has on one occasion inspected the work; he expressed himself perfectly satisfied with what had been done.

15. Up to the month of February 1870, the cost of the work was defrayed from funds collected by private subscriptions. As those funds had become exhausted, it became necessary to apply to Government for the payment of the grant.

16. In G. O., 10th March 1870, No. 29, Ecclesiastical Department, the Accountant-General was authorized to arrange for the disbursement to the Coimbatore Church Building Committee of the grant-in-aid of 5,000 Rupees.

17. In a subsequent Order, however, dated 13th April 1870, No. 47, Ecclesiastical Department, it was directed that the grant-in-aid should be disbursed by the Public Works Department and charged to the accounts of that department.

18. The sum of 2,000 Rupees was received from the Executive Officer by cheque on the 10th of May, and a further sum of 3,000 Rupees, making up the sum of 5,000 Rupees, was received from the same officer on the 24th May 1870.

19. In paragraph 2 of Memorandum, No. 138, of 3rd June 1870, Ecclesiastical Department, it was directed that "the Government contribution being provided from the Public Works Budget grant it is necessary that the accounts of expenditure both from the private and public funds should pass through the books of the Controller of Public Works Department."

20. The Controller of Public Works Accounts was addressed by the Secretary to the Church Building Committee on the 15th June 1870, and was requested to supply the forms of account.

21. The Controller sent the Committee an extract from the Public Works Code, and informed them that before anything could be done to give effect to the Government order (memorandum), the amount of private contributions towards the erection of the Church at Coimbatore should be remitted to the Treasury direct.

22. In Section 15 of the Public Works Code, to which the Controller drew the attention of the Committee, it is ordered: "Before the work is commenced the amount of the private contributions must be paid into a Government Treasury and carried to credit of Deposits in the accounts of the Public Works Department."

23. It was clearly impossible to comply with the directions of the Controller and with the instructions contained in the Public Works Code, inasmuch as the disbursement of the grant-in-aid had been sanctioned on the express ground that sums collected by private subscription had been exhausted.

24. In none of the Government orders regarding the grant-in-aid is there any mention of it being necessary to pay private contributions into the Treasury. Indeed, the late Collector of Coimbatore refused to receive them, and they were in consequence lodged in the Oriental Bank.

25. The accounts of the Church have been carefully kept. There will be no difficulty in recasting them in any form that the Controller of Public Works Accounts may prescribe.

26. The Church Building Committee respectfully request that, under the circumstances, they may be permitted to complete the work they have undertaken.

27. A statement of funds available for the work is given below. It will be seen that there is ample money to cover the estimate.

Proceedings of the Madras Government, Public Works Department,
14th September 1870.

		RS.	A.	P.
Total of revised estimate prepared by Church Building Committee		13,767	4	10
Funds available.				
Government grant received	5,000			
Subscriptions received	6,581			
Subscriptions, the collection of which the Committee guarantee	447			
Additional sum guaranteed by former subscribers	2,180			
		14,208	0	0

28. The Church is rapidly approaching completion, and will be ready to be opened for service in three months time.

No. 240. ORDER THEREON, 14th September 1870, No. 2,211.

CIVIL WORKS, No. 20.

UNDER the practice which has hitherto been followed of sanctioning building grants in other than the Public Works Department, the rules prescribed by the Government of India for the treatment of private contributions towards the erection of buildings have not been adhered to, and it is impossible, now that the money raised for the Church at Coimbatore has been expended, to pay it into the Treasury and carry the amount to the credit of "deposits" in the Public Works Accounts. The Government therefore resolve, in modification of their Orders of the 7th June and 23rd July 1870, Nos. 1,413 and 1,761, respectively, to authorize the Controller of Public Works Accounts to regard the allotment sanctioned from Imperial funds as a grant-in-aid of private contributions, instead of the private contributions being considered as an addition to the Government grant. The expenditure from the latter source alone will appear in the Public Works Accounts, but the Officer in charge of the Coimbatore Range will obtain and furnish the Controller with details of the entire expenditure in a clear and intelligible form.

2. With these remarks His Excellency the Governor in Council sanctions the estimate of Rupees 13,770 for the Church at Coimbatore submitted with the letter above recorded.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R.E.,
Secretary to Government.

To the Acting Superintending Engineer, 7th Division.
,, Controller of Public Works Accounts.
,, Ecclesiastical, etc., Departments.
,, Revenue Department.
,, Secretary to the Coimbatore Church Building Committee.

Exd. S. T. Augustin.

Revised Abstract Estimate for constructing a Church at Coimbatore viz No II Coimbatore Range Coimbatore Div. prepared for the Church Store Church

Quantity	Particulars	Price Rs As Ps	Paid for Rs As Ps	Remarks
111 Cyds	of Excavating foundation	@ 4 -	Cyds 27 12 -	
95½ "	of Rough Stone in Chunam	@ 3 8 -	do 334 4 -	
331 Cfts	of Stone in Chunam excluding Stone Cutters labour	@ 8 - -	Cfts 2648 - -	Including Scaffolding
	Stone Cutters for dressing the above		4353 10 10	
168 Cfts	of Plain Cut Stone work	@ 3 9	1/7 Cfts 600 - -	
444 "	of Teak wood wrought and put up	@ 3 8 -	do 1554 - -	
33 Sqrs	of Roofing	@ 20 - -	Sqrs 660 - -	
358 Sqfts	of Door & windows	@ 2 - -	Sqfts 716 - -	
108 Sqr yards	of ~~Filling~~ plinth with gravel	@ - 6 -	Cyds 40 8 -	
60	Iron Straps for trusses with bolts &c Complete	@ 6 - -	each 360 - -	
570 lbs or 240 Rft	of 1 Iron bar	@ - 3 -	lbs 106 14 -	
5	Cast Iron finials	@ 4 - -	each 20 - -	
2	Ashlar finials	@ 15 - -	do 30 - -	
1	Wooden Spirlet exclusive of Bell	@ - - -	- 250 - -	
2	Stone Columns	@ 75 - -	each 150 - -	
	Carried over		11851 - 10	

	Brought forward		1151	10
50	Bolts and Nuts Complete	}	8 " each 25	" "
1460	Sq.ft. of flooring with Jelly in Churnam 6 inches thickness	}	1 " Sq.ft 91 4	" "
	Contingencies at 15 Percent		1800	" "
	Total		3767 4	10

P. Rose Pie Major

Coimbatore 22 August 1870

Secretary & Treasurer Coimbatore Church Building Committee

Stone Cutters work

Quantity	Particulars of work	Amount		
	Stone cutters labour for dressing Cut Stones used for following work.			
312 3/4	Square Yards of walls at 3-6-0 Rs per Superficial yard.	1055	8	6
246	Stones for buttresses at 1 Rupee per stone	246	"	"
684	Stones for buttresses at 1 Rupee per stone	684	"	"
206	Stones for North and South Sides buttresses at 1 Rupee per stone	206	"	"
210	Running feet or 70 yards of Coping Stone at 3 Rupees per yard.	210	"	"
103	Running feet or 34 yards of Cornice Stone work at Rs 1-9-0 per yard.	53	2	"
1	Western door	136	"	"
1	Northern door	114	"	"
1	Southern door	114	"	"
1	Eastern Small door	95	"	"
2	North and South double windows	228	"	"
2	North and South high windows	193	"	"
4	Square windows	90	"	"
1	Arch of the Eastern small window	30	"	"
2	Arches of the doors of the vestry organ Chamber	108	12	"
1	6 feet arch of the door of the organ Chamber.	60	"	"
	Carried over.	3623	6	6

	Brought forward	3623	6	6
1	Arch of the Eastern fancy window	31	-	-
4	Inner side arches	149	13	4
4	Abatements of Inner side arches	68	12	-
1	Chancel arch	133	7	-
1	Round window in western gable	55	-	-
1	Western window	125	4	-
1	Inner Arch above the Western window	60	-	
4	Steps measuring 40 yards	65	-	-
1	Round window above the Chancel arch	42	-	-
	Total Rs.	4353	10	10

Coimbatore
22nd August 1870

M. A. Cleghorn Mayor

Secretary & Treasurer Coimbatore
Church Building Committee.

Coimbatore Church.

Details of quantities.

Particulars of work		Length	Height	Breadth	Cubic contents
Excavation for foundation.					
Longitudinal walls	2	34 - 6	3 - -	3 - -	621.
Organ Chamber and Vestry	2	16 - -	3 - -	3 - -	288
Main walls	2	45 - 6	3 - -	3 - -	819
Chancel	2	24 - -	3 - -	3 - -	432
Porch	2	10 - -	3 - -	3 - -	180
Cross walls East end	2	12 - -	3 - -	3 - -	108
Chancel arch & West wall	2	12 - -	3 - -	3 - -	216
Organ Chamber Vestry	2	8 - 6	3 - -	3 - -	76½
Side arches and East walls	2	3 - 6	3 - -	3 - -	63
Side arches and West walls	2	6 - 6	3 - -	3 - -	117
Steps at entrances	3	11 - -	2 - -	1 - -	66
Vestry Steps	2	5 - -	2 - -	1 - -	10
Total Cubic feet of excavation					2996½
Total Cubic yards					111

Rough Stone in Chunam work for foundation

Longitudinal walls	2	31	3	2	6	465
	2	10	3	2	6	150
	2	46	6 3	2	6	697½
	2	18	6 3	2	6	277½
	2	10	3	2	6	150
Cross walls		14	6 3	2	6	108¾
	2	5	3	2	6	75
		5	3	2	6	37½
	2	6	6 3	2	6	97½
		3	6 3	2	6	26¼
	2	9	3	2	6	135
	2	4	3	2	6	60
		15	3	2	6	
		18	3	2	6	247½
Buttresses	2	3	3	3		54
Total Cubic feet of rough stone in Chunam						2581½
Total Cubic yards						95½

Longitudinal walls	2	27	9	2	3	2	3 280⅞
Front Cross walls	2	9	3	2	3	2	3 93⅝
Front Side walls	2	12	.	2	3	2	3 121½
Front walls	2	7	3	2	3	2	3 73⅜
Front walls	2	4	.	2	3	2	6 145
Rear side walls	2	7	3	2	3	2	. 65¼
Rear Cross walls	2	7	6	2	3	2	. 67½
Carried over.							747⅞

Rear side walls	2	7	9	2	3	2	3 78 7/16
Rear Cross walls	1	14	6	2	3	2	3 73⅜
Front Buttresses West side	4	2	3	2	3	2	3 45 9/16
do do do	2	2	.	2	3	1	9 15¾
do do West North Side	1	1	9	2	3	1	9 6⅞
do do do	1	2	3	2	3	1	9 8 13/16
do do do	1	1	9	2	3	1	9 6⅞
do do do	1	2	3	2	3	1	9 8 13/16
do do do	1	1	9	2	3	1	9 6⅞
do do do	1	2	3	2	3	1	9 8 13/16
do do South side	1	2	3	2	3	1	9 8 13/16
do do East side	4	2	3	2	3	1	9 35 7/16
do do South and North Sides	2	2	3	2	3	1	9 17 11/16
do do do	2	2	3	2	3	1	9 17 11/16
Inner wall East	2	8	.	2	3	2	3 81
Inner Cross walls South and North Sides	2	5	9	2	3	2	3 58 3/16
Chancel wall	1	18	6	2	3	2	3 93 5/8
Side walls from East to West	2	23	6	2	3	2	. 211½
Steps	4	8	.	2	.	1	6 96
Total							1627¼

Superstructure

Cross wall East side	1	18	6	17	6	2	. 647½
Gables	1	8	6	10	6	2	. 178½
East walls South and North Sides	2	6	9	13	6	2	. 364½
do Cross walls	2	5	9	10	.	1	9 201¼
Gable	1	5	6	5	6	1	9 52 15/16
Side walls	2	9	9	7	.	1	9 238 9/16
Carried over							1683 9/16 1627¼

Brought forward 1683 9/16 1627 1/4

Cross walls	2	5	9	7	2		161
Side walls	2	27	3	11	2		1199
Gables	2	11		6	6	2	286
West Cross walls South and North Sides	2	9	9	7	2		273
Do Side walls	2	12	3	15	2		735
Do Cross walls	1	14	6	20	9	2	601 1/2
Gate walls	1	8		16	2	6	320
Gables	1	9	6	16	6	2	313 1/2
Bell side	1	3	6	6	6	3 6	79 5/8
West wall above the Cuttroses	1	5	3	3	3	1 9	29 13/16
Front Cuttroses South and North Sides	4	1	9	15	1	9	183 3/4
Do Do Do	2	1	9	10	6	1 9	64 5/16
Do Do Do	2	1	9	22	1	9	134 3/4
Do Do above arch	2	9		19	6		15 3/4
Do North & South Sides	2	1	9	8	1	9	49
Do East Side	4	1	9	14	6	1 9	177 5/8
Do Do Do	4	1	9	7	6	1 9	91 7/8
Do to Chancel arch	2	1	9	5	3	1 9	32 1/8
							6431 3/16

Inner walls above the basement

Walls below the Chancel arch	2	2	9	8	3	2 3	102 1/16
Walls above the Chancel arch	2	6		13	2	3	351
Gable	1	9	6	15	6	2 3	331 7/16

Carried over 784 3/8 8058 7/16

Brought forward 784 3/8 8058 7/16

Small room North side

South wall East to West	1	7	6	13	6	2	202 1/2
West wall South to North	1	5	9	9	6	2	109 1/4

Small room South side

West wall to arch	1	3	9	6	6	2	48 3/4
West wall	1	5	9	9	6	2	109 3/4
Pillar walls	4	2		3	7	2	126
Arch walls	2		10	6	8	2	336
Pillar. Cornice Stone	4	2		3		2	48 1764 6/8

Total Cubic feet 9823 1/16

Deductions

Western door	1	4	6	8	6	2 6	95 5/8
Southern door	1	4	6	8	6	2	76 1/2
Northern door	1	4	6	8	6	2	76 1/2
Eastern Small door	1	3		7	6	1 9	39 3/8
Southern double windows	1	4	6	6	6	2	58 1/2
Northern double window	1	4	6	6	6	2	58 1/2
Square window	1	10		2		2	40
Eastern Small window	1	2	6	3		1 9	13 1/8
Eastern fancy window	1	5		4	6	2	45
Inner Small room door	1	2	6	7	9	2	38 3/4
Inner Small room door	1	2	9	8	3	2	45 3/8
High window	1	6		10		2	120
Round window above the Chancel arch	1	2	6	2	6	1 9	10 15/16

Carried over 718 3/16 9823 1/16

(Brought forward)

Plain cut Stone work on the plinth level.	224	9	1	168
				718 3/16
				9823 1/16
				886 3/16
Balance Cubic feet of Stone work in Chunam				8936 7/8
or Cubic yards				331
Plain cut Stone work on the plinth level.	224	9	1	168

Wood work

Total Cubic feet of Teak wood wrought and fixt up 444

Roofing

Total Squares of roofing 33

Doors & windows including iron work

~~Fastenings~~ and frames doors	3	10	4	120
Windows	2	10-3	3	62
	4	6-6	2	52
	4	2	2	16
		4-3	1-9	15
		8-3	2-6	21
		3-6	3-6	12

Total doors & windows 358

~~Filling in~~ plinth

Total Cubic yards of filling plinth with gravel 108

~~Flooring~~

Total Square feet of flooring 1460

Comhatore

Revised Abstract Estimate for constructing a Church at Coimbatore in N. II Coimbatore Range Coimbatore District

17

Quantity	Particulars	Price	Rate per	Article Work	Remarks
111	C yds of Excavating foundation	4	C yds	27 12	
95½	C yds of Rough stone in Chunam	3 8	do	334 4	
256	C yds of Brick in Chunam including brick pointing at	8	do	2048	
635	C fts of Plain cut stone work	2	C fts	1270	
436	" of Intricate cut stone including moulding &c at	5	do	2180	
470	" of Arch work at	8	do	235	
444	" of Teak wood wrought and put up at	3 8	do	1554	
49½	Squares of Plastering at	6	Sq	297	
33	" of Roofing at	20	do	660	
358	Sq feet of Doors & windows at	2	Sq ft	716	
58	" of Stained Glass at	2 8	each	145	
108	C yds of Filling plinth with gravel at	6	C yds	40 8	
54	Running fts of Battiching at	2	R ft	108	
60	Iron traps for trusses with bolts &c complete	6	each	360	
570	lbs or 240 R fts of 1 Iron bar	3	lbs	106 14	
5	Cast Iron finials at	4	each	20	
2	Ashlar finials at	15	do	30	
1	Wooden Spirilet exclusive of Bells say			250	
	Carried over			10382 6	

P.W.D. 3981/90

Estt dd 23rd Sept 90

Brought forward

2	Stone Columns at	200	..	Each	10382 6 / 400 ..
50	Bolts and nuts, Complete	..	8	do	25 ..
150	Brick dentals	..	..	..	10 ..
1460	Square feet of flooring with Cuddapah Stone at	..	8	Sqft	730 ..
	Scaffolding Say	..	..	..	150 ..
	Contingencies at 15 percent	..	..	..	1802 10 ..
	Total Rs	..	..	..	13500 ..

Coimbatore Range Office
8th October 1868.

Sigd H. D. Roberts
Assistant Engineer

Sigd G. W. Walker Col
Supt Engineer

(True Copy)

Major

Secretary & Treasurer Coimbatore
Church Building Committee

Coimbatoor Church

Specification

Foundations The foundations will be sunk to the necessary depths throughout of an uniform breadth of 6 feet that is 3 feet on either side of the centre line and will be well rammed before any concrete is laid.

Concrete The concrete will be rammed across the full breadth of the trenches in two layers of 6" thick and will be brought to a fair and level surface throughout.

Brickwork The brickwork will be laid in English bond with horizontal courses kept true and level throughout All the stonework will be inserted at the proper heights and neatly bonded into the brick. provision must be made for the insertion of all necessary noggings ironwork and proper fastenings

A course of moulded brick dentils will run under the Eaves.

The walls must be carried into simultaneously and no greater difference in altitude allowed between any two parts than 6 feet up to the level of the tie rods.

All outside work will be neatly tuck pointed and the interior plastered.

No putlog holes should be allowed in the masonry as all can be conveniently raised from self supporting scaffolding.

Stonework

The stonework shall be dressed throughout 3 lines on all exposed faces and 1 line on interior surfaces.

All stones not otherwise shown shall project 1" full from the face of the brick.

The dimensions of the Guarn stones may vary as under.

The thickness shall not exceed 4 courses of bricks or be less than 2.

The length shall not exceed 2'-3 or be less than 1'-1

The breadth shall not exceed 1'-5" or be less than 9"

The stones for the coping, arch stones, and string may vary in length but no stone will be allowed of less length than 12 inches. All mouldings will be clearly wrought from full size templates.

The Head of the East light will be constructed of 8 pieces and the west of 7 all closely jointed and dowelled.

Door and window fastenings will be sunk and bedded all joints in stonework on completion of the work will be puttied with good soft putty.

Woodwork

The woodwork will be of teak throughout. The trusses will be put together on the ground carefully and raised complete. After they are in their places they will be traced tight by the punkah rods. All joints must be carefully put together and keyed. The purlins and rafters will be halved and spiked, and an additional purlin will run along the ends of the rafters bolted with ½" inch bolts.

Roof

The roof will consist of tiles and mortar laid as follows.

Over the rafters which are 12" from centre to centre will be laid a course of 12"x12"x1½" tiles every fifth row will be treenailed to the rafters. This layer of tiles will be carefully pointed with finely ground mortar a second layer of similar tiles will be laid on 1" thick of mortar. These will be firmly bedded in the mortar and mixed with 6" square red and black tiles in patterns as suggested in the drawing.

The joints will be carefully cleared out and puttied with good soft putty.

rs & windows

The doors will be hung folding fastened by hinges rivited or bolted through the door.

The doors will be of 6"x1" battens with 5"x4" frames.

The windows (framed into 4"x4" frames) will be of plain quarry strongly leaded. The Ventilator will be of glass set louvre.

Floor

will consist of flagging over rammed brick rubbish.

The uprights 6"x6" will be bolted down in the masonry on to a soling piece 6"x6" and breast summers 6"x6" all splayed as shown on the drawing the principles in the roof will be of 4"x4" timber & shingle and 3"x3" rounded angle covers provision must be

made for hanging a bell as shown on the drawing.

Materials

Brick The bricks will be clearly moulded and well burnt and used as whole bricks.

Note (The walls should be specified as so many bricks thick. The walls shown as 18 inches may vary from 15" to 21")

Stone

The stone shall be quarried from.

Teak

The teakwood shall be procured from.

Mortar.

The mortar shall consist of lime parts

Plaster

Iron.

The castings shall be obtained from the Madras Iron
The wrought shall be Low Iron

Coimbatore Church.

Details of Quantities.

Excavation for Foundations

Longitudinal walls	2/	33 - 6 5 - 0 3 - 6	1166
Organ chamber and Vestry	2/	15 - 0 5 - 0 3 - 6	525
Main walls	2/	44 - 6 5 - 0 3 - 6	1550
Chancel	2/	22 - 9 5 - 0 3 - 6	796
Porch	2/	10 - 0 5 - 0 3 - 6	350
Cross walls East end		12 - 0 5 - 0 3 - 6	210
Chancel arch & West wall	2/	12 - 0 5 - 0 3 - 6	420
Organ chamber & Vestry	2/	2 - 0 5 - 0 3 - 6	70
Side arches East walls	2/	1 - 0 5 - 0 3 - 6	35
" West	2/	6 - 6 5 - 0 3 - 6	228
Steps at entrances	3/	11 - 0 2 - 0 1 - 0	66
Vestry Steps		5 - 0 2 - 0 1 - 0	10
		Total Cu ft Excavation	5426
		Total Cu yards	201

Concrete below Foundations

Longitudinal walls	2/	33 - 6 5 - 0 1 - 0
"	2/	15 - 0 5 - 0 1 - 0
"	2/	44 - 6 5 - 0 1 - 0
"	2/	22 - 9 5 - 0 1 - 0
"	2/	10 - 0 5 - 0 1 - 0

Cross walls		12	0 5	0 1	0
	2/	12	0 5	0 1	0
	2/	2	0 5	0 1	0
	2/	1	0 5	0 1	0
	2/	6 . 6	5	0 1	0
	3/	11	0 2	0 1	0
		5	0 2	0 1	0
Total Cu ft Concrete					
Total Cu yards					

Brickwork in Foundations

Longitudinal walls	2/	31	0 3	0 2 . 6	465
	2/	10	0 3	0 2 . 6	150
	2/	42	0 3	0 2 . 6	630
	2/	18 . 6	3	0 2 . 6	278
	2/	10	0 3	0 2 . 6	150
Cross walls		14 . 0	3	0 2 . 6	105
	2/	5	0 3	0 2 . 6	75
	2/	6 . 6	3	0 2 . 6	98
	2/	9	0 3	0 2 . 6	135
		15	0 3	0 2 . 6	
		18	0 3	0 2 . 6	248
Total Brick in Foundations					2334

Plinth level.

Longitudinal walls	2/	26	0 3	2 - 1/2	210
	2/	9	9 2	- 1/2	78
	2/	4 . 3	2	- 1/2	34
	2/	8	0 1 . 6	2 - 1/2	48
Carried over					370 2334

Brought over					370 2334
tudinal walls	2/	41 . 3	2	- 1/2	330
k	2/	5 . 6	2	- 1/2	44
tresses		13	6 2	0 4 . 1/2	51
walls		22	0 2	0 2 - 1/2	88
	2/	9	0 2	0 2 - 1/2	72
	4/	9 . 6	2	0 2 - 1/2	156
		19	0 2	0 2 - 1/2	76
		19	0 2	0 2 - 1/2	76
	4/	8	0 2	0 1 . 6	96
Total Masonry in Plinth					1359

perstructure

gitudinal walls	2/	29 . 9	9	0 2 . 4	694
bles	2/	12	0 7	0 2 . 4	210
	2/	8 . 6	7	0 2 . 4	149
ntal	2/	15	6 13	0 3 2 - 1/2	615
ain walls	2/	40 . 9	15	0 2 . 1/2	1834
ra thickness	2/	26	0 15	0 0 . 6	390
rch	2/	10	0 13	0 2 - 1/2	325
s walls chancel		21	9 15	0 3 2 - 1/2	497
ncel arch		26 . 9	19	0 2 0	1016
	2/	7	0 12	0 3 2 - 1/2	214
	4/	9	6 9	0 2 - 1/2	428
st front		26	9 19	0 2 . 1/2	762
tra thickness		28	0 10	0 0 . 6	140
tresses East end	2/	14	0 1 . 6	2 - 1/2	63
	6/	7	0 1 . 6	2 - 1/2	95
ast End	4/	15	6 1 . 6	2 - 1/2	140
	3/	20	6 1 . 6	2 - 1/2	138
et column squared.		7	0 4 . 6	4 - 6	142 7852
					11.545

					11.545

Deductions

Note deductions for openings taken up to springing only the bead is allowed to cover expense of centres

Chancel Archs		13 - 3 5 - 0 2 - 0			212
Side arches	2/	19 - 6 7 - 0 2 - 0			546
Doors	2/	6 - 6 3 - 9 1 - 6			73
Windows	2/	7 - 6 3 - 0 1 - 6			68
Cuft. Stone Masonry in walls					610
					1509

Total Masonry in superstructure.

Total Cu yards.

Stone Masonry Ashlar

Window Jambs	56/	1 - 3 0 - 8 0 - 9			35 - 0
" "	2/	4 - 9 1 - 0 0 - 9			7 - 1
Nesh window	2/	7 - 0 1 - 3 1 - 6			26 - 3
		7 - 0 0 - 9 0 - 6			2 - 8
Window heads	2/	10 - 0 1 - 8 0 - 10			27 - 9
	2/	1 - 6 1 - 6 1 - 3			5 - 7
	3/	10 - 0 1 - 8 0 - 10			41 - 8
	2/	8 - 0 1 - 8 0 - 10			22 - 0
	2/	6 - 0 1 - 8 0 - 10			16 - 8
Nesh window head	2/	2 - 0 2 - 8 1 - 6			16 - 0
"	2/	2 - 6 2 - 3 1 - 6			16 - 10
	2/	1 - 6 2 - 0 1 - 6			9 - 0
		2 - 3 2 - 0 0 - 9			3 - 4
	2/	1 - 9 1 - 8 1 - 6			8 - 6
					238 - 4

		Brought over			238 - 4
Each window head	2/	2 - 4 2 - 6 1 - 6			17 - 6
	2/	2 - 9 1 - 9 1 - 6			14 - 4
		4 - 9 2 - 9 1 - 6			20 - 0
		2 - 3 2 - 0 0 - 9			3 - 4
Windows with Lintels	4/	4 - 0 1 - 3 0 - 6			10 - 0
	16/	1 - 3 1 - 0 0 - 6			10 - 0
Window cills	2/	6 - 6 0 - 6 1 - 6			9 - 9
	2/	4 - 6 0 - 9 1 - 6			10 - 1
		7 - 6 1 - 0 1 - 6			11 - 3
		9 - 0 1 - 2 1 - 6			12 - 2
Stone gwoins	27	1 - 6 1 - 3 0 - 8			33 - 6
Caps of Buttresses	24/	1 - 0 1 - 3 1 - 6			45 - 0
Cap to Plinth		150 - 0 0 - 7½ 0 - 9			65 - 7
Gwoins below Plinth	32/	1 - 6 0 - 9 0 - 6			18 - 0
Stone steps	3/	40 - 3 1 - 3 0 - 6			75 - 6
		25 - 0 1 - 3 0 - 6			15 - 7
					609 - 10
Total to be deducted from Masonry					
Coping to Gables	2/	46 - 0 1 - 0 0 - 6			46 - 0
		38 - 6 1 - 0 0 - 6			19 - 3
	2/	12 - 9 1 - 0 0 - 6			12 - 9
		54 - 0 1 - 0 0 - 6			27 - 0
Stone Corbels	10/	2 - 0 1 - 0 0 - 9			15 - 0
Stones under trusses	20/	1 - 6 1 - 6 0 - 6			22 - 6
					142 - 6
		Total Cuft. Stone work		×	752 - 4

Wood work

Teakwood trusses	10/	22 - 0 0 - 6 0 - 5			46
	10/	13 - 0 0 - 5 0 - 5			22 - 6

	24/	2 - 3 0	- 6 0	- 3	5 - 7	
	10/	6 - 0 0	- 6 0	- 5	42 - 6	
Diagonals	24/	6 - 9 1	- 0 0	- 1½	20 - 3	
Cleats	7/	1 - 9 1	- 9 0	- 6	7 - 7	
	10/	7 - 0 1	- 2 0	- 5	34 - 0	
	10/	1 - 9 0	- 9 0	- 6	6 - 7	
Ridge pole		38 - 0	- 10 0	- 3	7 - 11	
Purlins	6/	38 - 0 0	- 4 0	- 4	25 - 4	
Rafters	36/	48 - 0 0	- 3 0	- 2	108 - 0	
Ridge poles	4/	12 - 0 0	- 6 0	- 3	6 - 0	
Jack pieces	2/	13 - 6 0	- 6 0	- 4	4 - 6	
Common rafters	40/	5 - 0 0	- 4½ 0	- 3	18 - 9	
	40/	12 - 0 0	- 4½ 0	- 3	45 - 0	
Chancel ridge		15 - 6 0	- 9 0	- 3	2 - 4	
Purlins	2/	15 - 6 0	- 6 0	- 6	7 - 9	
Diagonals	4/	10 - 0 0	- 3 0	- 3	2 - 6	
Rafters	14/	16 - 6 0	- 4½ 0	- 3	21 - 7	
Vestry and organ chamber	16/	19 - 6 0	- 3 0	- 3	18 - 10	
Porch	2/	9 - 6 0	- 5 0	- 5	2 - 7	
Rafters	8/	13 - 0 0	- 3 0	- 3	32 - 6	
		Total buft woodwork				459

Interior plastering

Note. no deductions are made for openings on account the Extra labor on jambs, Soffits and mouldings.

Longitudinal wall	2/	60 - 0	14 - 0		1400
"	2/	24 - 0	14 - 0		672
"	4/	8 - 9	10 - 0		350
Cross walls $\frac{25+14}{2}$		19 - 6	15 - 0		293
	3/	26 - 0	19 - 0		988
	4/	6 - 0	10 - 0		240
	4/	9 - 6	9 - 0		342
		Total Sup ft Plaster			42.85
				Squares	43

Roofing

Nave	2/	38 - 0	24 - 9		1881
Chancel	2/	15 - 0	16 - 0		480
Vestry & organ	2/	10 - 0	9 - 0		180
Porch		8 - 0	13 - 0		104
Side Arches	8/	13 - 0	10 - 0		1040
		Total sup: ft		Roofing	3685
				Squares	37.

Doors & windows including iron work.

Fastenings & frames Doors	3/	10 - 0	4 - 0		120
windows	2/	10 - 3	3 - 0		62
	4/	6 - 6	2 - 0		52
	4/	2 - 0	2 - 0		16
		4 - 3	1 - 9		75.
		8 - 3	2 - 6		21
		3 - 6	3 - 6		12
		Total doors & windows			358

Quarry Glass with stand border

East and West lights	2/	8 - 6	2 - 3	38
		2 - 6	2 - 6	6
	2/	2 - 6	1 - 9	5
		3 - 0	3 - 0	9
		Total Standard Glass.		58
Filling in plinth		36 - 0	19 - 01 - 9	1197
	2/	24 - 0	10 - 01 - 9	840
	2/	8 - 9	6 - 01 - 9	184
		15 - 3	15 - 02 - 3	575
		Total filling in Plinth		2736
Flooring		36 - 0	19 - 0	684
	2/	24 - 0	12 - 0	576
		15 - 3	16 - 0	244
	2/	8 - 9	6 - 0	105
		Total Sup^{re} ft. flooring		1609

Running ft of Bratticing 54 feet

Wraught iron tie rods
for punchals Sets N^{o}3 each 240 lbs 720

Abstract of Quantities and Estimate

Quantity		Item	Rate	amount.
201	cyds	Excavation		
60	"	Concrete		
372	"	Brickwork		
752	cft	Ashlar		
459	"	Teakwood		
43	sqs	Plastering		
37	"	Roofing		
358	ft	Doors and windows		
58	"	Standard glass.		
101	cyds	Filling plinth		
54	ft	Bratticing		
720	lbs	Wraught iron		
5	Nr	Cast iron finials		
2	"	Ashlar finials		
1	"	Wooden Spirelet		
2	"	Stone columns.		

Coimbatore 3½

22nd August 1870.

From

Major W. F. Hessey,
Secretary & Treasurer Coimbatore
Church Building Committee

To

The Chief Secretary to Government
Ecclesiastical Department
Fort Saint George
Madras

Sir

In accordance to instructions contained in Memo No 138 of 3rd June 1870. Ecclesiastical Department, I have the honor to submit for formal sanction plans, specifications and estimate of the church now under construction at Coimbatore.

2. The plans above mentioned have been already submitted through the Venerable the Archdeacon of Madras for the approval of Government.

3. In G.O. 13th August 1868 No 179. Ecclesiastical Department a grant of 5,000 Rupees was sanctioned on the understanding that no further aid would be looked for from Government. The plans, specifications and estimate were ordered to be sent through the

Venerable the Archdeacon of Madras to the Church Building Committee at Cuddalore who were directed to arrange for the Construction of the Building under proper Superintendence.

4. On G.O. 30th October 1868 No 233. the grant was directed to be withheld.

5. On the representation of the Right Reverend the Bishop of Madras the grant was, in G.O. of 16th December 1868 No 261. ordered to be delivered to the Church Building Committee as sanctioned in the G.O. of the 13th August 1868 No 179. Ecclesiastical Department.

6. The original rough estimate prepared by the Architect Mr Re. Cheshobin gave Rupees 8357—11—6. as the cost of the Building. It appeared probable that the Building inclusive of furniture would not (as stated in a letter from the Archdeacon of Madras alluded to in G.O. of 13th August 1868 No 179.) cost less than 11,300 Rupees.

7. On the sanction of the grant a revised estimate was prepared by the Public Works Department.

bringing

bringing up the cost of the building alone to Rupees 13500— 1 — 6 135

8. The Church as originally designed was to have been built of Brick and faced with Cut Stone.

9. The Bricks obtainable at Cuddalore are of the very worst possible quality.

10. Under the advice of Mr S.R. Pope Carter the Resident Engineer of the Railway who had joined the Building Committee it was resolved to construct the Church of Stone throughout.

11. A revised estimate for the Construction of the Church has been prepared and shows the estimated cost to be Rupees 13,767—4—10 being Rs. 267—4—10. in excess of the estimate prepared by the Public Works Department.

12. The excavation of the foundations was commenced in June last year. The work has since that time been carried on under the superintendence of one of the members of the Church Building Committee.

13. A slight change was made in the shape of two Pillars by direction of the Architect, each with this exception the pillars have been fashioned as closely as the substitution of Stone for

brick mould allow.

14. The architect has on one occasion inspected the work, he expressed himself perfectly satisfied with what had been done.

15. Up to the month of February 1870. the Cost of the work was defrayed from funds Collected by Private Subscriptions. As those funds had become exhausted, it became necessary to apply to Government for the payment of the grant.

16. Vide G. O. 10th March 1870 N. 29. Ecclesiastical Department, the Accountant General was authorized to arrange for the disbursement to the Cannikalore Church Building Committee, of the grant-in-aid of 5,000 Rupees.

17. In a Subsequent order, however dated 13th April 1870 in No 47. Ecclesiastical Department, it was directed that the grant-in-aid should be disbursed by the Public Works Department and charged to the accounts of that Depart.

18. The sum of 2,000 Rupees was received from the Executive Officer by Cheque on the 10th of May and a further sum of 3,000 Rupees making up the sum of 5,000 Rs was received from the

the Same Officer on the 21st May 1870.

19. In Para 2 of Proceedings No 138 of 3rd June 1870 Ecclesiastical Department it was directed that "the Government Contribution being provided from the Public Works Budget grant it is necessary that the accounts of expenditure both from the private and public funds should pass through the books of the Controller of Public Works Department."

20. The Controller Public Works Accounts was addressed by the Secretary to the Church Building Committee on the 15th June 1870 and was requested to supply the forms of Account.

21. The Controller sent the Committee an extract from the Public Works Code and informed them that before any thing could be done to give effect to the Government Order (Memo) the Amount of private Contributions towards the Erection of the Church at Cannikalore should be remitted to the Treasury direct.

22. In Section 13 of the Public Works Code to which the Controller drew the attention of the Committee it is ordered "Before the Work

is Commenced the amount of the Private Contributions must be paid into a Government Treasury and Carried to Credit of Deposits in the accounts of the Public Works Department.

23. It was clearly impossible to Comply with the directions of the Controller and with the instructions Contained in the Public Works Code inasmuch as the disbursement of the grant-in-aid had been Sanctioned on the express ground that Funds Collected by Private Subscription had been exhausted.

24. In view of the Government Orders regarding the grant-in-aid is there any necessity of its being necessary to pay Private Contributions into the Treasury. Indeed the late Collector of Comilla at Requested to receive them, and they were in Consequence lodged in the Oriental Bank.

25. The accounts of the Church have been Carefully kept. There will be no difficulty in recovering them in any form that the Controller

of Public Works may prescribe.

26. The Church Building Committee respectfully request that under the Circumstances they may be permitted to Complete the work they have undertaken.

27. A Statement of Funds available for the work is given below. It will be seen that there is ample money to Cover the estimate

Total of Revised estimate prepared by Church Building Committee	Rs.	13767 —	4 — 10.

Funds available

Government grant received	5,000 — —	
Subscriptions received	6581 — —	
Subscriptions the Collection of which the Committee guarantee	1447 — —	
Additional Sum guaranteed by former Subscribers	2180 — —	
	14208 — —	

28. The Church is rapidly approaching Completion and will be ready to be opened for Service in three months time.

I have the honour to be
Sir
Your most obedient Servant

[signature] Major.
Secretary to the Commissioner
Church Building Committee.

Camukaloe

19th October 1870

Public Works 18th October 1870 Sent
Copy of Letter to Chief Secretary
& Colonial Treasurer

No. 3348

From Major W. H. Lefroy
Secretary & Treasurer
Camukaloe Church
Building Committee

To The Chief Secretary
to Government
Ecclesiastical Dept.

Dated 2d
Despatched 2d } August 1870
Rec'd 26th

Read 30th August No. 234.

Enclosures 2 vs
Subject

Reference Memorandum
from the Chief Secretary to
Govt. No 138. of 3rd June 1870.
Ecclesiastical Dept. directing
that the plan, & specification
& estimate of the Camukaloe
Church be made under
Construction may be
submitted to Govt. for
Provincial Sanction.

Submitted for Provincial
Sanction Plans of
Church under reference
& Estimate &c
No 2811 - 14 - 9 - 70.

No 289

Despatched 7th Oct. 1870

Public Works Department

No. 2211

Proceedings of the Madras Government

Under date the 14th September 1870

Read the following

Major W. A. Hosey Secretary Treasurer Coimbatore Church Building Committee. } W.E. No 2347 / 22nd August 1870

Under the practice which has hitherto been followed of sanctioning building grants in other than the Public Works Department, the rules prescribed by the Govt. of India for the treatment of private contributions towards the erection of buildings have not been adhered to; and it is impossible, now that the money raised for the Church at Coimbatore has been expended, to pay it into the Treasury

P.
Pub. C.
By D.

2211

Transfer to the Public Work Department for disposal, with reference to the order in that Department dated the 14th Sept. 1870. No. 2211

By Command of the Governor in Council

W. H. Rollo
Chief Secy.

Public Work Department
dated 26th Sept. 1870

Read

Stamp Rs. 2-8

From the Secretary and Treasurer Coimbatore Church Building Committee

Dated 22nd August 1870

Received 26th Sept. 1870

Requesting that the Collector of Coimbatore may be instructed to pay into the Treasury the sum of Rupees Two thousand three hundred and forty seven collected by him on account of the Coimbatore Church Building Fund.

Referred to Collector for report.

Collector's letter dated 19th Sept. 1870 No. 22 Rupees 2347

Entered in Cash Book

Returned to Collector with order to pay into the Treasury the sum of Rupees Two thousand three hundred and forty seven collected by him on account of the Coimbatore Church Building Fund.

Transmitted to the Treasury

Rupees 2347

Entered in Cash Book

Returned to Public Work Department

Public Work Department
dated 26th Sept. 1870

Read

Letter from the Collector of Coimbatore dated 19th Sept. 1870 No. 22

Transmitting Rupees Two thousand three hundred and forty seven collected by him on account of the Coimbatore Church Building Fund.

Rupees 2347

Entered in Cash Book

Returned to Public Work Department

Public Work Department
dated 26th Sept. 1870

Read

Letter from the Treasurer dated 26th Sept. 1870 No. 274

Intimating the receipt of Rupees Two thousand three hundred and forty seven on account of the Coimbatore Church Building Fund.

Rupees 2347

Entered in Cash Book

Returned to Public Work Department

Public Work Department
dated 26th Sept. 1870

Read

Letter from the Secretary and Treasurer Coimbatore Church Building Committee dated 22nd August 1870

Requesting that the sum of Rupees Two thousand three hundred and forty seven collected by the Collector of Coimbatore on account of the Coimbatore Church Building Fund may be paid into the Treasury.

Transferred to the Public Work Department for disposal, with reference to the order in that Department dated the 14th Sept. 1870. No. 2211

By Command of the Governor in Council

W. H. Rollo
Chief Secy.

Treasury and Carry the amount to the Credit of Deposits in the Public Works Accounts.

The Govt. therefore decline, in modification of their orders of the 7th June and 23rd July Nos. 1413 and 1761, respectively, to authorize the Controller of Public Works Accounts to regard the allotment sanctioned from Imperial funds as a grant-in-aid of private contributions, instead of the private contributions being considered as an addition to the Govt. grant. The Expenditure from the latter sources alone will appear in the Public Works Accounts, but the

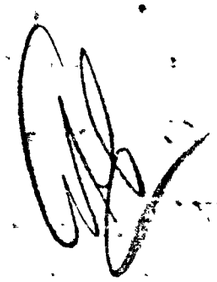
the Officer in charge of the Coimbatore Range will obtain and furnish the Controller with details of the entire Expenditure in a clear and intelligible form.

Care will hereafter be taken to comply strictly to the requirements of the Govt. of India, and, in order to this, all applications for Govt. aid towards buildings of every description will be referred for disposal to the P.W. Dept.

With these remarks His Excellency the Governor in Council sanctions the estimate of Rs. 13,770

for

for the Church at Coimbatore
submitted with the letter above
recorded.



7 To the Mg. Dirs
1 Controller, P.W. Accts.
11 Eccles. Dept.
21 Rev. Dept.
2 Secy. to the Coimbatore
Church Building
Committee.

Desp. 15/9/20.

Encl. to Govt. Order dated 17th Oct. 7th Sept.

Cp 3398

Govt. of Madras.

PUBLIC WORKS.

The Secy Superintending Engr. 7th Division

2

14th Sept 2211

No. 239-740

Church at Coimbatore. The estimate Rs: 13,770 for the Church at Coimbatore sanctioned with remarks.

Received 16 Oct 3 enclosures 770 Co. 7th Sept

Rec'd 16/10