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# MADRAS RECORD OFFICE

Government of Madras

*Public Works* DEPARTMENT

|          |      |       |
|----------|------|-------|
| G.O. No. | 2070 | Press |
| B.P. No. |      | Mis.  |
| 315-316  |      |       |
| Dated    | 19-8 | 1873. |

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,  
19th August 1873.*

No. 315. Read the following letter from Colonel E. A. FOORD, R.E.,  
Inspecting Engineer for Civil and Military Buildings, to Colonel G. W.  
WALKER, R.E., Secretary to Government, Public Works Department,  
dated Bangalore, 28th July 1873, No. 847 :—

WITH reference to the Order of Government of the 16th April, No. 1,100,  
I have the honour to forward for sanc-  
tion an estimate of Rupees 52,100,  
accompanied by plan and specification,  
for additions and improvements proposed  
to be made to the Combaconum College in the Tanjore District.

2 Plans.  
2 Abstract Estimates.  
1 Specification.  
2 Letters from District Engineer, Tanjore.  
2. The plan and specification have been prepared by Mr. Chisholm, Govern-  
ment Consulting Architect. The quantities in the estimate have also been furnished  
by Mr. Chisholm, and the rates by the District Engineer. The estimate originally  
amounted to Rupees 47,300, but has been increased to Rupees 52,100, owing to  
certain omissions having now been supplied, and to provision having been made  
for wood oiling and painting the wood-work, and for special establishment.

3. The District Engineer having pointed out that temporary accommodation  
would be required for the classes while the new building is under construction,  
Rupees 675 have been added to the estimate as the probable cost of five sheds.

4. The rates for teak-wood wrought and delivered for doors and windows  
and for iron railing have been furnished by the General Superintendent of the  
Public Works Stores and Workshops.

No. 316. ORDER THEREON, 19th August 1873, No. 2,070.

CIVIL WORKS, No. 24.

THE estimate for carrying out the  
revised design for the Combaconum  
College, approved in G. O., No. 2,472, of  
21st October 1872, as finally revised by the Inspecting Engineer for Buildings,  
amounting to Rupees 52,100, is sanctioned, and forwarded to the Educational  
Department for provision of funds.

(True Extract.)

Colonel, R.E.,  
Secretary to Government.

To the Inspecting Engineer for Civil and Military Buildings.  
" District Engineer, Tanjore.  
" Controller of Public Works Accounts.  
" Educational Department.  
" Financial do.

Ed. S. T. Austin.

Spare Copies.

Office of the Inspecting Engineer  
for Civil & Military Buildings  
Bangalore 28 July 1873.

From  
Colonel E. A. Forrest, R.E.  
Inspecting Engineer for  
Civil and Military Buildings  
Co.

Colonel J. H. Walker, R.E.  
Secretary to Government,  
P. W. Department.

With reference to the order of  
Government of the 16th April 1873 No. 1100.

I have the honor to forward for  
Sanction and Estimate of Rs. 2,500  
accompanied by plan and speci-  
fication for additions and improve-  
ments proposed to be made to the  
Lombaconum College in the Tanjore  
District.

The plan and specification  
have been prepared by Mr. J. H. Walker,  
Government Consulting Architect.  
The

Enclosures  
2 Plans  
3 Estimates  
1 Specification  
2 Letters from  
District Engineer  
Tanjore.

The quantities in the estimate  
have also been furnished by Mr.  
Chisholm and the rates by the  
District Engineer. The estimate  
originally amounted to Rs 14,300  
but has been increased to Rs 18,000  
owing to certain additions  
having been supplied, and to  
provision having been made for  
wood oiling and painting the wood  
work, and for special establish-  
ment.

The District Engineer having  
pointed out that temporary ac-  
commodation would be required  
for the classes, while the new build-  
ing is under construction, Rs 1,675  
have been added to the estimate  
as the probable cost of five sheds.  
The rates for teak wood wrought  
and

and delivered, for doors and windows,  
and for iron railing have been fur-  
nished by the General Superintendent  
of the Public Works Stores and Work-  
shops.

I have the honor to be,  
Sir, your most obedient servant,  
Edw. M. L. R.  
Inspecting Engineer for  
Civil & Military Buildings.



The Doors and windows will be framed of Doors & Windows  
 $1\frac{1}{2}$ " battens in 5" x 5" frames splayed and  
rebuted 1" sashes Raised and screwed panels  
Venetians of ordinary construction

The basement floor will be paved with Flooring  
square tiles painted with chunam.

The Roofing will consist of ordinary Terracing  
Terracing finished in the most approved  
fashion.

The interior Plastering will be tinted  
light buff and the exterior tinted deep buff.

#### Materials

The Bricks will be cast from moulds measuring

The Lime will be carted from

The Sand will be procured from

The Teakwood purchased at Madras

The Cast iron from Madras

The whole of the details will be executed  
according to the working drawings which  
will hereafter be further explained  
(if necessary) on the ground by the Consulting  
Architect.

*W. C. Christie*

*Consulting Architect*

*Major Colonel J. E. J.*

Tanjore District.

Encl. in a letter No 847  
dated 28 July 73.

P.W. 4248/73.

Specification to accom-  
pany an Estimate for Ad-  
ditions and Improvements  
proposed to the Combaconum  
College.

Amount of Estimate Rs. 51,425-

Work — Constructing Sheds for accommodation  
of classes at Combaconum College.

| Quantity | Description of work                                                          | Rate  | Per      | Amount | Amount of each part |
|----------|------------------------------------------------------------------------------|-------|----------|--------|---------------------|
| 14       | Whole Cocoanuts for posts &c —                                               | 1 1/2 | each     | 21 8   |                     |
| 28       | De Bamboo, 50 lbs for rafters &c —                                           | 40    | 100      | 11 32  |                     |
| 28       | De De 19" de for purlins &c —                                                | 30    | D.       | 8 65   |                     |
| 2000     | Sq ft of Bamboo mats 6' x 5' for walls including doors &c —                  | 8     | 30 sq ft | 33 54  |                     |
| 100      | Sq ft of Bamboo frame work for mat wall including labour of fixing rope &c — | 16    | Sq ft    | 9 6    |                     |
| 14       | Sq ft of Thatching with hand &c —                                            | 15    | Sq ft    | 15 2   |                     |
| 22 1/2   | Cy of Earth work floor in-<br>cluding ramming and landing —                  | 16    | Cy       | 2 19   |                     |
| 20       | Carpenters for bracing posts &c —                                            | 6     | each     | 7 8    |                     |
| 50       | Coolies for fixing posts &c &c —                                             | 26    | ds       | 7 13   |                     |
|          | Tarring mats &c —                                                            |       |          | 10     |                     |
|          | Cow rope and sundries &c —                                                   |       |          | 7 10 4 |                     |
|          | Total for One —                                                              |       |          | 135    |                     |
|          | For 4 more as above detailed at 135 —                                        |       |          | 540    |                     |

Total Estimate Rupees — 675

Edmund Colonel R.E.  
Inspecting Engineer for  
Civil & Mil<sup>y</sup> Buildings.

Signed A. W. Smart Smith R.E.  
Assistant Engineer

District Engineer's Office  
Tanjore. 19 May 73.

Major R.E.  
District Engineer

No. 117.

District Engineer's Office,  
Camp. Madras 7<sup>th</sup> May 1873. 13d

From Major R. F. Coker R.E.  
District Engineer  
Madras.

To Colonel E. A. Ford R.E.  
Inspecting Engineer for  
Civil and Military Buildings.

Enclosure 2.

Sir/

As directed in G.O. No 1100  
dated 16<sup>th</sup> April I have the honor  
to return the Plan and Estimate  
for the new works in connection  
with the Conventum College,  
having filled up the rates in the  
latter.

2. The rate allowed for teak  
wood is Rs 3-8-0 per cubic foot  
wrought and put up, that being  
the rate which has hitherto been  
found to be sufficient, but at  
present no teak wood can be  
obtained in the District and  
for wood procured from Madras  
it is probable that a somewhat  
higher

Enclosure 2 of letter  
from the District Engineer  
Madras 10<sup>th</sup> May 1873.  
19<sup>th</sup> May 1873.  
Made in a letter from  
dated 25<sup>th</sup> April 73.  
R. F. Coker R.E.  
19<sup>th</sup> May 1873.  
Submitted R.E. 6<sup>th</sup> May  
for construction  
shown for second  
construction of school  
at Conventum  
College.

higher rate will be required; the correct rate may perhaps be ascertained from the Superintendent of P.W. Stores by adding to the cost at which he would supply the timber cut up according to the required scantling, the cost of carriage by Rail for 381 miles, by Road for 16 miles, for loading and unloading and for putting up.

3. The cost of Iron ornamental railing should also be ascertained from the Superintendent of the P.W. Stores, who would be asked to supply it. The amount entered in the Estimate viz Rs 3 per lineal foot is an amount arrived at by estimating approximately the quantity of Iron in the railing.

4. Nothing has been allowed for wood oiling Rafter Beams &c or for painting Doors &c to cover these &c I would suggest that 7 1/2 per cent should be allowed for Sundries.

5. Without special subordinates to undertake the supervision of the work it will not be possible, with the present strength

15d  
strength and experience of the Inspectors of the Department in the Tanjore District to supervise the work; if therefore the work is to be carried out at an early date the cost of a special Establishment should be added to the Estimate, the more so as I am of opinion the work should be carried out Departmentally for the ordinary Contractors we have in the District are incapable of undertaking the work, while a Madras or Bangalore Contractor would not undertake it at our rates, nor judging from the work turned out at those places, is it desirable that they should be invited to do so. All the large Buildings in this District are carried out Departmentally.

The details of the Estimate have not been in any way checked the quantities given having been accepted as G.O. No 1100 directs. I may add that there is but a single Draughtsman now in the office and there is

is far too much for him to do  
to admit of his checking the  
estimate.

Have the honor to be.  
Your most obedient <sup>Sir</sup> Servant.  
Wm. H. M. Major &c  
District Engineer

No. 159

Dist. Engineer's office  
Tampora 19<sup>th</sup> May 1873

From Major R. F. Baker R.  
Dist Engineer Bangalore

Colonel B. F. Fords R.  
Inspecting Engineer for  
Civil & Military Railroads

Sir With reference to my letter  
No 117 dated 7<sup>th</sup> Instant I have  
the honor to inform you that no  
provision is made in the Estimate  
for the New College at Combechurch  
for accommodating the Classes  
while the New Building is under  
construction.

construction.

I have lately examined the existing Building in company with the Principals and as the western end of the Building is in a dangerous condition & beyond repair, while the renewal of the roof would be costly I have submitted an estimate of Rs 135 for the erection of a

163

100

The Anti-Slavery  
League

The Register inquires  
for our Ministry  
of Medicine

20

201-207-100

2 Oct 1973

1 (Cecilia) 12<sup>th</sup> do -  
 back in a letter N<sup>o</sup> 847 of 28<sup>th</sup>

Meister, über zwei

Salvatore per me

How is it in the  
the same as the same

*Polypodium leucophaea*

the new series are the real

Ms. A. 9. 2. 48/73.

Temporary Shed according to  
the enclosed Plan to the Collector  
for the accommodation of the  
Classes which must immediately  
vacate the Building.

The Principal informs me  
that 5 more Sheds of the same  
dimensions will be required <sup>15' x 15'</sup>  
to accommodate all the Classes <sub>each</sub>  
while the new Building is  
under construction I beg therefore  
that Rs 675 may be added for  
this purpose, to the Estimate for  
the new College forwarded on the  
7<sup>th</sup> Instant.

I have the honor to be  
Sir

Yours Most Obedt Servt

H. F. V. N. N. N.

Dis. Superior. Tanjore

From

The Right Honorable  
The Engineer

The Inspector General  
for Civil & Military  
Buildings.

Enclosed is a letter No 847/28  
Dated 19<sup>th</sup> Jan 1875  
Recd 21<sup>st</sup> Jan 1875

10/39  
Encls: 2

Forwards to Hon &  
Estimate for transferring  
Chairs required for  
the use of classes  
in the Combaconum  
College while the  
Building is under  
repair.

20 N 2070  
P.W. 4248/70.

Civil Buildings — Tanjore District — 21d  
New Work

Abstract Estimate for 1873-74  
Work. — Additions and Improvements proposed to  
the Combaconum College

Quantity Description of Work Rate Per Footwork Total

— Examination Hall —

|      |                                   |    |     |    |          |
|------|-----------------------------------|----|-----|----|----------|
| 433  | Qty of Excavation for foundations | 1  | Qty | 27 | 1        |
| 124  | Do. Concrete                      | 2  | 15  | 3  | 366 3    |
| 195  | Do. Brick work to top of plinth   | 3  | 10  | 6  | 712 15 6 |
| 400  | Do. Superstructure                | 3  | 15  |    | 1575     |
| 1071 | Qty of Teak wood                  | 3  | 8   |    | 24 8     |
| 36   | Qty of Terrace roofing            | 30 |     |    | 1080     |
| 27   | Do. of Tiled flooring             | 5  |     |    | 135      |
| 52   | Do. of Internal plastering        | 3  | 2   |    | 162 8    |
| 52   | Do. of Exterior Do.               | 3  | 4   |    | 169      |
| 1    | No of Spiral complete             | 20 |     |    | 200      |
| 354  | Qty of cornice & Parapet          | 1  | 2   |    | 261      |
| 232  | Qty of butt stone                 | 1  | 4   |    | 57 8     |
| 84   | Qty of butt stone                 | 46 |     |    | 38       |
| 1096 | Suppl of Doors & Windows          | 1  | 9   |    | 1712 8   |

Total 10245 2 6

— Group of Class rooms —

|     |                   |   |    |  |        |
|-----|-------------------|---|----|--|--------|
| 271 | Qty of Brick work | 8 | 15 |  | 1067 1 |
|     | Carried Over      |   |    |  | 1067 1 |

| Brought Over |                             |       |            | 1067.1  | 102653.6 |
|--------------|-----------------------------|-------|------------|---------|----------|
| 1741         | lft of Oak wood             | 3 7 5 | lft 6093 8 |         |          |
| 217          | lft of Terrace Roofing      | 30    | lft 2220   |         |          |
| 58           | Tiled flooring              |       | 290        |         |          |
| 111          | Internal plastering         | 3 2   | 346 14     |         |          |
| 77           | Exterior                    | 3 4   | 250 4      |         |          |
| 291          | lft of cornice & parapet    | 1 2   | lft 327 6  |         |          |
| 84           | Ornamental parapet          | 1 12  | 147        |         |          |
| 319          | lft of but stone            | 106   | lft 132 8  |         |          |
| 1300         | lft of Doors & upper lights | 1 9   | 213        |         |          |
|              | Total                       |       |            | 13501.5 | 13118.19 |

### Tower Principal Room

#### Class Room

|     |                                  |        |           |        |         |
|-----|----------------------------------|--------|-----------|--------|---------|
| 366 | lft of Excavation for foundation | 1      | lft 22 14 |        |         |
| 85  | Concrete                         | 2 15 3 | 251 3     |        |         |
| 141 | Brick work up to ground level    | 3 10 6 | 515 8 6   |        |         |
| 209 | do above do                      | 3 15   | 822 15    |        |         |
| 123 | do in Tower above 15ft           | 4 3 6  | 518 14 6  |        |         |
| 976 | lft of Oak wood                  | 3 8    | lft 3416  |        |         |
| 30  | lft of Terrace Roofing           | 30     | lft 90    |        |         |
| 449 | of Tiled flooring                | 5      | 95        |        |         |
| 59  | of Internal plastering           | 3 2    | 184 6     |        |         |
| 63  | Exterior plastering              | 3 4    | 244 12    |        |         |
| 1   | lft of Spiral complete           | 200    | lft 200   |        |         |
|     | Carried Over                     |        |           | 7131.6 | 23364.6 |

| Brought Over |                             |      |          | 23d | 7131.6  | 23364.6 |
|--------------|-----------------------------|------|----------|-----|---------|---------|
| 240          | lft of Cornice & parapet    | 1 2  | lft 270  |     |         |         |
| 70           | Ornamental parapet          | 1 12 | 122 8    |     |         |         |
| 140          | lft of but stone            | 1 4  | lft 51 4 |     |         |         |
| 736          | lft of Doors & upper lights | 1 9  | 99       |     |         |         |
|              | Total                       |      |          |     | 8824.23 |         |

### Class Room

|      |                                  |        |           |         |          |
|------|----------------------------------|--------|-----------|---------|----------|
| 12   | lft of Excavation for foundation | 1      | lft 12    |         |          |
| 3    | Concrete                         | 2 15 3 | 8 13 9    |         |          |
| 224  | Brick work above ground level    | 3 15   | 882       |         |          |
| 1030 | lft of Oak wood                  | 3 8    | lft 3605  |         |          |
| 44   | lft of Terrace Roofing           | 30     | lft 1320  |         |          |
| 32   | Tiled flooring                   | 5      | 160       |         |          |
| 51   | Internal plastering              | 3 2    | 159 6     |         |          |
| 47   | Exterior                         | 3 4    | 152 12    |         |          |
| 355  | lft of Cornice & parapet         | 1 2    | 399 6     |         |          |
| 101  | lft of but stone                 | 1 4    | lft 126 4 |         |          |
| 938  | lft of Doors & upper lights      | 1 9    | 1465 10   |         |          |
|      | Total                            |        |           | 8193.12 | 8279.157 |

### Library

|     |                                  |        |          |        |           |
|-----|----------------------------------|--------|----------|--------|-----------|
| 165 | lft of Excavation for foundation | 1      | lft 10 5 |        |           |
| 48  | Concrete                         | 2 15 3 | 141 12   |        |           |
| 83  | Brick work up to ground level    | 3 10 6 | 303 7 6  |        |           |
| 122 | do above do                      | 3 15   | 480 6    |        |           |
|     | Carried Over                     |        |          | 935.14 | 640468.26 |

Brought Over

935 14 6 4044 1/2

138 bft of Oak wood 3 8 bft 483 - -  
 11 bft of Lumber 30 ... bft 330 - -  
 6 ... Tiled flooring 5 ... 30 - -  
 21 ... Interior plastering 3 2 ... 65 10 -  
 34 ... Exterior 3 4 ... 110 8 -  
 112 bft of cornice & parapet 1 2 bft 126 - -  
 112 ... Ornamental parapet 1 12 ... 196 - -  
 244 Suppt Doors & windows int 9 ... bft 384 - -

Total

2658 4 6

Retaining wall, Iron

Railing & filling

97 bft of excavation for foundation 1 bft 6 1 - -  
 59 ... concrete 2 15 3 ... 194 3 9  
 106 ... Brick work 3 10 6 ... 387 9 -  
 300 bft Iron Railing 3 ... bft 900 - -  
 19 bft of Oak wood 3 8 bft 66 8 -  
 648 bft of Earth filling 1 bft 40 8 -  
 81 ... Gravel 4 8 ... 364 8 -

Total

2023 7 1/2  
1939 5 9

Contingencies at 5 per cent

2234 3 7

Carried Over

47300

25d

Brought Over

47300

Grand Total of Estimate Papers - 52100

Signed

B. F. Chisholm F.R.I.B.A.  
 Genl. Archt to Govt. Marine

Mr. Mrd Colonel B.C.  
 Inspecting Engineer for  
 Civil & Milly Buildings

No 2070 P. M. D. 27<sup>th</sup> Oct 1872

Pro. of the Madras Govt.  
Recd the following:-

From the Proprietor for  
Buildings } H.E. No 2070 P. M. D. 27<sup>th</sup> Oct 1872

The Estimate for  
carrying out the  
Revised Design for the  
Lambaconum College,  
approved in G. O.  
No. 2472 of 21<sup>st</sup> October  
1872, as finally re-  
vised by the Su-  
-pecting Engineer  
for Buildings a-  
mounting to Rs. 20,000  
is

Madras District

Enclosure in a Letter  
No 847 dated 28<sup>th</sup> July 1872

P. M. 4248/73

Abstract Estimate for  
the additions and im-  
provements proposed  
to the Lambaconum  
College  
Estimate Rs. 52,100.

is sanctioned and  
 forwarded to the  
 Educational Depart.  
 ment for provision  
 of funds, whereof  
~~Rupia 25,000~~ will  
 suffice for the current  
 year.

lmm  
 The following  
 is a list of  
 the various  
 items which  
 are required  
 for the  
 year 1913-14.  
 The total  
 amount of  
 Rs. 25,000  
 is sufficient  
 for the  
 year.

50/  
 6

To the Inspector for Govt  
 " Mr. George Sanjones  
 " Contr. P. Dr. Accto  
 " Educational Dept.  
 " Guin  
 L.C. recd 25/8/13

h 23/5: 316.

R. [unclear]

C/4248  
Govt. of 1873 Madras.  
PUBLIC WORKS.

To The Inspecting Eng.  
for Civil & Military  
Buildings

Dated

Recd.

Encl. 6

G. O. 19<sup>th</sup> Aug 1873, No. 2070

Nos. 315 & 316

Combasorum College.  
Ref: for carrying out the  
revised design for the  
Combasorum College,  
Sanctioned and for-  
warded to the Educa-  
tional Dept. for the  
provision of funds.