

92. (1) Number of pages 58
 9# (2) Date of repair 2.9.87
 (3) Initials of the Referencer GVH

AMIL NADU ARCHIVES

VERNMENT OF TAMIL NADU

P.W.D. DEPARTMENT

G.O. No.	1308 W	Press.
B.P. No.		Mis.
Dated	23. 5. 1884	197

to be folded or roughly handled

20

2841

29

24

A number (111)

8A

23RD MAY 1884, No. 1308 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following papers :—

From the Examiner of Public Works Accounts, dated 9th January 1884, No. 1292 X.			
From the Superintending Engineer, I Circle,	1st March	"	3423 G.D.
From the " " " " " " " "	3rd April	"	32 G.D.
From the Consulting Architect to Government,	25th	"	121.
From the Superintending Engineer, I Circle,	5th May	"	369 G.D.
From the " " " " " " " "	5th	"	369 G.D.

ORDER—dated 23rd May 1884, No. 1308 W., Public Works.

When signing the completion report of the medical school at the Monegar Choultry, a work carried out under the supervision of the Consulting Architect between August 1880 and July 1883, the Superintendent of the school pointed out certain minor defects and drew attention to the fact that the roof leaked badly in places, and that the walls were liable to saturation from moisture. Dr. Thompson stated that Mr. Chisholm had been apprised of the state of the roof and walls on the occasion of one of his inspections; but that the defects had not been remedied. On return from leave, Mr. Chisholm will be called on for such explanation of the bad work as he may have to offer.

2. Conductor Lennon, Sub-Engineer, 1st grade, was the sub-divisional officer in immediate charge. His explanations as to the causes of the defects are by no means satisfactory, and do not lessen his responsibility for allowing bad work in a building under his immediate supervision. The dilatory manner in which he has replied to calls for explanation is also noticed by Government with strong disapproval. The dissatisfaction of Government on both points will be conveyed to Conductor Lennon by the Superintending Engineer, I Circle.

3. The Officiating Consulting Architect will report whether all the defects brought to notice by Dr. Thompson have been rectified.

(True Extract.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To R. F. Chisholm, Esq., with original papers, on return from leave.
To the Consulting Architect to Government.
" Superintending Engineer, I Circle.
" Examiner, Public Works Accounts.

Exd. E. Fernandez.
Spare Copies

GENERAL
ESTABLISHMENT.

Gobt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 23rd.

Recd.

Encl.

G.O., 23rd May 1884, No. 1308 W.

MAY.

Medical School at the Monegar
Choultry

Censuring Conductor Lennan, and calling for explanation from Mr. R. F. Chisholm, for certain defects in the construction of the —, and calling for a report as to whether the defects have now been rectified.

2845

To Secy.

1308
2

For orders, with
reference to C.A.'s
office note.

Cu

31.3.84

The file appears incomplete.

E.S.

1.4.84

Secy.

The original papers con-
taining the Comy. Architects
complaint were sent to
S.E.I. with endorsement
No 64C of 12.1.84. Please
see office copy of letter from
to S.E.I.'s letter.

Cu

1.4.84

To W.

138/3

On the Completion Certificate for the Humber Chertsey Medical School Dr Thompson took exception to several items of the work. This was in October 83.

Sub. Engineer Lennan, who had been in charge of the building, was, on 8th December 83, called on to explain, but at first, and that not till 21st December, endeavored only to explain the "differences".

In letter of 26th December to C., C. characterized the explanation as unsatisfactory, and commented on the delay & difficulty in obtaining any explanation whatever from Mr Lennan.

C. then forwarded the paper to E. W. for such action as might be deemed necessary, and Mr Lennan was called on for what he had to say in regard of the bad work. This was on 12th Jan 84.

On 27th March Mr Lennan sent in a report.

C. considers this report lame and unsatisfactory. He reflects specially on Mr Lennan's delay in replying to the references made.

Whatever may be said of the work complained of & Mr Lennan's responsibility for same (and for some of it, if not for all, he was responsible), he has apparently been most lax & dilatory in dealing with a matter which should have been fully disposed of, so far as he was concerned, before his departure on the 22nd December.

C. J.

29. 11. 84

D.W.

1308/4

It seems to me that W. Lewis
is greatly to blame for the dilatory
manner in which he has replied
to the calls for explanation.

I am not however clear as
to how far he should be made
responsible for the shortcomings
criminally adverted to by D. Thompson.

The work was executed under
the then Com. Architect, to
whom W. L. was subordinate
— and it seems to me that
the officer who held the post
of C. A. during execution
of the work should have been
called on for explanation in
the first instance.

On this point, I shall be
glad to have your views.

W

1-5-84

Recd 6/4/84

To W

30/5

Mr. Lennan, a Sub. Engineer 1st class of 20 yrs standing, was the subordinate in immediate charge of the bad work complained of, and charged with Mr. Chisholm's responsibility, but he allowed this bad work to be done.

Had Mr. Chisholm not gone home I presume the completion report with Mr. Thompson's amendment thereon would never have been forwarded to C. Had it been so forwarded & transmitted to this office for action, Mr. Chisholm would himself have had to explain. In his absence the subordinate officer who actually carried out the bad work - i.e. the leaky roof, must necessarily explain it and be held responsible.

Mr. Thompson states that he brought the leaky roof & saturated walls of the building to Mr. Chisholm's notice. It is to be presumed that Mr. Chisholm must have ordered the subordinate in charge to make good the damage, and if he did, Mr. Lennan failed to attend to the order. In any case Mr. Lennan did bad work, and failed to verify defects that were patent to others. He was therefore negligent, and should be called to account, whatever action may be taken hereafter as regards Mr. Chisholm's share in the transaction. As regards the latter is open to blame.

In the case of the bad work at the museum Mr. Stephen was concerned. On Mr. Chisholm's return both cases may be referred to him for what he has got to say. —

CS

0

5-5-84

1380/10

There appears to be no doubt
that the work carried out
at the Monrovia Choulley
Medical School was not
what it should have been
— and for that bad work
W. Chisholm, as C.A. at
the time, and W. Lenson,
as the subordinate in
immediate charge, must
be held responsible.

With respect to W. Lenson,
he should be censured, both
for the bad work, and for
the dilatory manner in
which he replied to the calls
for explanation.

With respect to W. Chisholm,
the papers should be sent to
him, on return from furlough
for any remarks he may
desire to offer.

To C.A.W.

Please draft S.O. for
circulation on chrome
lines.

M.
5-5-84

4038

To Dr. $\frac{1306}{\wedge}$

Mr. Lemmon's
first explanation,
with all previous
references, was sent
to Vol. on the 6th
Inst.

C

10/5/84

S. A. W.

I did not know that
two explanations had been
called for. This must now go to
Vol., without any remarks on my
part, as all previous papers in this.

C.

13-5

Caw

Mr. Lemmon's previous
X explanation (Caw 3534)
went to Vol. with a
note from Dr. to W.
I have explained this to
Dr., who desires me
to send on these papers
in continuation - C

10/5/84 To

Dated

To W/ The previous papers
are now in circulation.
The draft lgo. with
not apparently require
amendment with
reference to the present
explanation, which
may be read at the
page of the Proceedings?

19/5-1883

Let me see this when
papers come back from
circulation

To W/ Resubmitted
with papers from
circulation

19/5-1883

Previous papers submitted
1883. 6/4

1308
3

NAME OF WORK. *Constructing a Medical school at Monager*
FUND.— *Provincial*
DEPARTMENTAL HEAD.— *Original Works.*
SERVICE HEAD.— *Civil Buildings*
MAIN HEAD OF CLASSIFICATION.— *Medical.*
SUB-HEAD OF CLASSIFICATION.—
ARM OF THE SERVICE.—
Reference to last Work Voucher submitted.—No. *10* for the Month of *July* 1883.

Sub-heads of Estimate.	As estimated.			As executed.			Difference.*			Reference to paras. over-leaf explaining difference.
	Quantity.	Rate.	Amount.	Quantity.	Rate.	Amount.	Quantity.	Rate.	Amount.	
			RS.			RS. A. P.			RS. A. P.	
Concrete	114 4		456	114 4		456				
Brickwork in foundation sub	244 6-0		1586	242 6-2		1573	2 6-2		13	
do in superstructure										
with stock bricks	344 6-12		2322	347 6-12		2345 10				
skew wood wrought and put up	892 3		2676	1072 20-13-4		3012 1 3	2-6-4			
slam and panel doors and										
windows with frames & brass fastenings	873 1-4		1091	952 7-3-11		1189 12	1-4			
tilsters with glass	508 1		508	630 5 1-8		659 15 6	1-3-9			
roofing with slates school										
shingles on tank reapers	77 7-8 30		2353	88 30		2662 5	29-2-2			
flooring with 8" Sq. tiles	40 53 8-6		340	40 53 8-6		339 7			9	
plastering interior colon	80 3		240	80 2-6-3		236 11			3 2	
laying gine sheets to the										
ridge of roofs	214 1		214	222 1		222 1				
contingencies			665			176 4			488 2	
Brickwork in foundation										
at basement	31 6-8		202	31 6-8		201 8			8	
do in superstructure	42 6-12		283	39 6-12		265 0	2 6-12		16 6	
skew wood wrought & p										
Total			22794			24339	1-6			

* Excesses to be entered in red ink.
[N.B.—When any considerable deviations from the original design have occurred, the report, specification, drawing, and details of the measurements of the work actually done, in the same form as the estimates, should accompany the Completion Reports.]

CERTIFICATE.
I do hereby certify that, with the exceptions above noted and explained over-leaf, this work has been fully executed to the extent of the estimate in a substantial and satisfactory manner, as regards materials and workmanship, and that, excluding trifling deviations and those explained over-leaf, it corresponds in all respects with the sanctioned plan and estimate.

Dated *September* 1883.
Major R.C. Executive Engineer
offg. Commr. Civil to Govt.

Item	Quantity	Unit Price	Total
Crack	25	100	2500
Shaking boards	40	2.80	112.00
Crack also with boards	100	2.00	200.00
Shoring up for blinds	32	5.00	160.00
Shoring up for hanging	12	6.40	76.80
Blinds	12	5.00	60.00
Constructing frame	1/4	1.00	1.00
2. 1/2" x 1" x 6" for	1/4	1.00	1.00
Photo over window	1/4	1.00	1.00
Decorating	1/4	1.00	1.00
5 screws for hanging	1/4	1.00	1.00
with 1 cent of paint	1/4	1.00	1.00
Paint and rubbers	1/4	1.00	1.00
Painting the doors	1/4	1.00	1.00
4. 1/2" x 1" x 6" for	1/4	1.00	1.00
new and old frame	1/4	1.00	1.00
Measuring, hanging and	1/4	1.00	1.00
framing	1/4	1.00	1.00

Contingencies	190	20	170
Excavation for foundation	190	20	170
Earthfilling in	9	1	89
Archwork	22	5	35
Painting & panel doors	52	10	62
Batten windows	37	49	48
Flooring with 8" sq. tiles	2-29	8-6	19
Carpeting	22	5	27
Laying zinc sheets	58	29	87
Plastering interior	9-71	3-0	29
Do. Exterior	8-24	3-4	27
Painting windows	13-62	3-0	41
Wood lining roof timber	5-9	15	24
Gable ornaments	3-5	15	3
Do. to enhance tower	7-9	8	1
Excavation in yard	1	1	1
Open work with pan tiles	358	34	380
Roofing with flat & pan tiles	5-42	82	5-42
Flooring with felly	2-42	12	1-78
Painting floor with tar &c.	8	12	7
Cover for Cistern	2	40	2
Zinc buckets	2	8	18
Painting up & down	3-21	6	3-21
Iron work for gate	15	25	1
Do. for Cistern			

Division

Architect

1308

9

COMPLETION CERTIFICATE.

Name of work

Construction of a Medical School at the Mangalore Choultry

Authority

See 2
9/11/03
3534

Certified that the above-mentioned work was taken over on and that it is considered satisfactory and suitable to the purposes for which it is intended, except that the building leaks in several places and has not been attended to. In the large lecture hall, it leaks to such an extent that the room cannot be used when it rains. When any shower is heavy, the water soaks into the walls and the state continues although it was brought to Mr. Whistler's notice at one of his visits. The pattern mats of the flooring are very inferior, and are already decaying. The fan Rah wheels are inferior and not suited to the weight of the fan Rahs, and some are broken from use. There is no protection from the sun through the upper glasswork, and the sun shines in with great force in the afternoon, which has not been rectified as requested. The site, on which the old buildings existed, is very unsightly, and it has not been levelled and the debris cleared away.

Dated

19th October 1903

Madras.

Omoo p. 2.

Supt. Auxy. Med. School

Commanding or Departmental Officer.

Roofing with asbestos	11.66 30.00	350	16.29.00	349.12.10			
School of arts tiles	57 1/2	264	9 1/2	196	2 1/4	8	
Concrete	5 1/4 6.00	351	174 6.00	339.10	1 3/4 6.00	11 6	
Brickwork in foundation	53 1/2 6.00	357	142 6.00	299.12	5 1/2 6.00	57 4	
in Superstructure	185 3.00	648	181 3.00	670.7.2	4 11.4.2	478.10	
Leadwork	7 30.00	210	1 3/4 37.2.0	187.0	1/4 5.10	22.8	
Roofing with 3.4.1 tiles	334 2.00	835	10 2.00	775	24 2.00	63	
Cut stone work	273 8.00	2184	30.00	250.4	79 25.10.0	22.12	
Cuddepat slabs firing	1614 1.00	353	1830 1.00	346.4.6	31 1.00	6.11.6	
Double rattan blinds	2117 1.00	243	217 1.00	245.9.2		6.13	
Rattan matting	1031		1030	2.6		7.0	
Laying Red Hills road							
Amount of compensation							
for lands at site	1040		771 2.5		268 13.7		
Contingencies	219		165 9.3		53 6.9		
Excavation for foundation	525 1.00	53	9.8				
Earth filling	200 1.00	13	200				
Archwork	12 7.00	84	12.2				
Cut stone work in steps	123 1.00	184	77				
Shutters & shutters in front	109 1.00	109	18				
Windows with iron bars							
for Store rooms	56 1.00	70	32				
Ventilators with frames							
reaction for gables	21 1.00	21	15				
Flooring with Asphalte							
3/4" thick	3.31 25.00	83	231				
Painting exteriors with							
Colored bands	60.71 3.4.0	197	60.71				
Painting doors & windows							
Exposed wood work of							
roof with 3 coats of							
Carsons Oak Color	53.20 3.00	107	53.5				
Wood oiling timbers							
of roof & walls	75.22 1.00	66	128				

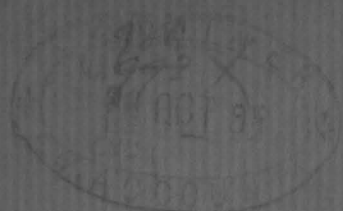
1111

1308

Wrought iron in basement	496-2.2	93	530		
Plaster for foundation	2.10	20			
Finishing spirelets	2 78--	150	2		
Wrought iron finials for spirelets	2 20--	60	2	4250 11	520 11
Cable ornaments	4 10--	40	7		
Do for Tapered base	1 00--	0	1		
Do Do	2 5--	10	4		
Marble group					
terring slabs	2.5	50			
Excavation for foundation	65 00--	6	96		
Concrete	14 40--	56	44		
Earth filling in basement	11 00--	1	11		
Gravel	1 70--	7			
Partition & panel doors with frames	32 10--		110		
Windows with glazed shutters & frames	36 10--	26	78		
Paint labor in galley	28 10--	28	28		
Open work with tiles	260 00--	49	260 1/4		
Flooring with asphalt	3 50 25--	76	3 10		
Plestering interior	9 19 30--	28	8 1/4		
Do Exterior	9 18 30--	20	9		
Painting with Carson's oil paint	9 20--	18	9 1/4		
Do roof work with 3 coats of work oil	7 15 00--	6	10 1/2		
Finials	2 00--	10	2		
Sink with trap Complete	20 00--	20			
Big kitchen table	3 55--	75	5 1/2		
Small table	1 70--	7			

1111 1302





P. W. D., Madras,
Form No. M 27b.

DIVISION—*Architect*
NAME OF WORK—*Consng. Medical School*
Monegar Choultry

1308/9

Completion Certificate.

(To accompany the Completion Report for the above work.)

Forwarded to
for signature and return, as this office No. , dated

Documents accompanying.

Executive Engineer,

Division.

Returned to the Executive Engineer,
Division, duly signed, with the above-mentioned documents.

Commanding or Departmental Officer.

Branch Officer in Charge

* Here mention, report, specification, and drawings of the work as executed, and any other documents submitted with this Completion Certificate.

Consulting Architect Office

Chennai, 25th Decr. 1883.

No. 1308

1308/10

From

The Consulting Architect
to the Government of Madras.

In A. Examinis
of P. W. D., Madras.

1. With reference to your letter No. 567 dated 31st October 1883, I have the honor to herewith re-transmit the Completion Report for "Constructing a medical school at the Monegar Choultry" together with the Sub-Divisional Officer's explanation of differences, which I cannot but consider in many cases to be unsatisfactory.

2. The Supervisor, Government Works, referred to in the Sub-Div. Officer's explanation has since died. But Mr. L. L. was in charge of the work for more than 2 years. Mr. Thompson's Complaints evidently refer to that stage of the building when Mr. L. L. was in charge. Considerable delay and difficulty has been experienced in obtaining any explanation whatever from Mr. L. L.

3. The complaint brought forward by the Superintendent Medical School has been almost fully attended to, a separate Estimate being

having been sanctioned for repairs which are
now under execution and almost finished.

I have the honor to be
Sir

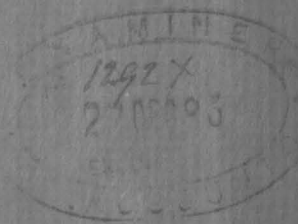
Your most obedient servant

Yours very truly

Major R. E.

off^r Consulting Architect to Govt

Statement of differences on work
of Constructing a Medical School as
called for by J. H. Consulting
Architect to Govt in his estⁿ 1198 dated
8th December 1883.



1300/-
Brickwork in foundation and
basement — not understood,
Contractor Shanegara, a snood, on
receipt of Rs 1,333, a considerable
portion of the work was done under
the late Supervisor Goroosawmy
snood.

Rs. — in Superstructure — On
account of 4 extra Circular Ventil-
ator in gables as ordered by J. H.
which was entailing dismantling and
rebuilding.

Teakwood brought and put up —
not understood, the Contractor on
receipt of payment for 970 cubic feet
or Rs 2,855 on account of this sub head
from the Asst Engineer and the late
Supervisor Goroosawmy snood.
Actual quantities as measured up
paid for.

Ventilation and panel doors and windows
with frames and brass fastenings—
Contractor Shaugoraya Snood, only
paid as per estimate. Vide final bill.

Ventilators with glass—Ventilators
without glass made by the Contractor
as per bill at 12 annas per foot, —
reasons of excess might be found from
the school of arts authorities who
supplied the glass and fixed it.

Roofing with alladra School of arts
tiles over teak rafters—Rs 329-8-
excess, Verandah on west side of East
wing as executed by Gorransawmy Snood
had to be removed in order to connect
centre portion with that already done
and no allowance made in estimate
for this.

Flooring with 8" square tiles—
Difference of 9 annas between actual
and expectation.

Plastering interior doors—
Paid according to measurements which
will and always do vary slightly.

Laying zinc sheets to the valley of
roofs—8 Rs excess caused by laying
extra sheets in over hips near sky lights.
Consulting Architect not known
why the difference should occur,

the four stor only received Rs 176-10
Brickwork in foundation and
basement—Saving 8 annas, some
slight difference between actuals
and estimate.

1308
114
Do in superstructure—
Do do do do

Shakroob wrought and put up
Excess Rs 40-8-11. Rafters placed
closer together by order of Consulting
Architect, hence excess.

Items from Roofing with alladra
School of arts tiles saving Rs 3-2-0
to Consulting Architect—53-6-9—Believed
to be connected with an estimate
subsequently executed by the late
Superintendent Gorransawmy Snood, not
understood by the Sub Engineer.

Constructing drainage—
Alteration by the Consulting Architect
Cuddapah slabs for steps over
windows—Rs do do do

Re-roofing—Vide Consulting
Architect's Rs 427 date of 1st Sept/81.
"Plans for coloring with 2 coats of
paint"—Not understood.

Carpers - Re 911, left out in
estimate but passed by the Consulting
Architect on final bill.

all done
2nd Dec/88

H. L. Moore
Civil Engineer.

1308
12

111266
12-1-84
No 603
12-1-84
Enclosurement No 1292
X dated 9th January
1884.

X (to be returned)
No 64C of 12th January
Sub Engineer Sennons
explanations refer only
to differences. This is itself
unsatisfactory but the
Supty Engr I Circle,
is requested to call
upon that subordinate
for any further ex-
planation he may be
able to submit as
regards the unsatis-
-factory nature of the
work carried out by
him. (By order)

C. M. W. - Engr. H. B.

W. by Ch. Engr. I. H. D.,
11-1-84

The S. E. I. Circle
with original papers also
returned

Forwarded in origi-
nal with enclosures
to the Chief Engineer
P. W. Department for
information, and for
such action as he may
deem necessary.

J. P. L. L. L.

Examiner P. W. Accounts
Madras
S. P.
9/1.

Encs: 2.

Endorsed

No 603

Camp. Kuralapur.
Date 19-2-84

From

The Executive Engineer in charge
Central Delta Division
Godavari District

To

The Superintending Engineer
First Circle.

Sir,

With reference to your letter No 3155
L. D. of 26-1-84 I have the honor to in-
form you that Conductor Sennons
has requested me to obtain for him
the original detailed and abstract
Estimates for the "Construction of the
Medical School at Madras" also
the plans and order Book of the
Work in order that he may be able
to prepare the explanations asked for
from him. I should be therefore
much obliged by your obtaining
them

I have &c &c
(Signed) W. Lopp
Offg. Executive Engr

$$\begin{array}{r} 1308 \\ \hline 14 \end{array}$$

Chepak
 No. 449D 11th March 84 From
 To C.A. The Supg Engineer
 1st Circle

Can the documents
 asked for be furnished
 To The Chief Engineer
 P. W. D.
 Madras

By 1707
 To D. W.
 Copy of the whole Estimate is
 enclosed. There being only
 one copy of the Plan in this
 office it cannot be shared.
 Officer Serjt Smith. R.E. who
 took charge from Mr Lennon
 from which the work was executed
 states that the Plans and
 Order Book were not handed
 over to him. The Contractor
 states they were handed over
 by him to Mr Lennon.
 I submit that the application for
 original documents seems
 uncalled for.

28.3.84
 C.A.
 Enclosures.
 4. Estimates.

Dated 1st
 Despatch 3rd
 Received } March 84
 No. 34239D
 Enclosure. Nil
 "Construction of the
 Medical School at
 Madras". Requests that
 Conductor Lennon may
 be furnished with certain
 documents as requested
 regarding the—

No. 400 500/23-5-84/20

No. 329D

FROM,
 THE SUPERINTENDING ENGINEER
 FIRST CIRCLE.

TO,
 THE Chief Engineer 1308/84 15
 Public Works Department
 Dowlaishweram, 3rd April 1884.
 Despatch 4th April 84
 SIR,

With reference to your endorsement
 No. 64 of the 12th January/84 and its en-
 closures, I have the honor to submit
 herewith the explanation obtained
 from Conductor Lennon Sub Engineer

I have the honor to be
 Sir
 Your most obedient servant.
 C. Sewald
 Offg. Supg Engineer
 1st Circle

JK

No 735 D

Chopalk
16th April 1884

Forwarded to C. D. for my remarks
the under office on Mr. Lennon's
explanations

As
16-4-84

OW

From

The Superintending Engineer

First Circle

To

The Chief Engineer

P. W. Department

Madras

Dated 3rd

Despd. 4th

Received

April 1884

Enclosures 7

No 3292

Conductor Lennon

Sub. Engineer.

Submits certain explanation

obtained from

as requested.

No 130 W 123-5-84

Forwarded

P. W. D.

Consulting Architect's Office,
Chopalk, Madras,

25th April 1884

No. 121.

1308
15 17

From

The Consulting Architect to the Government of Madras.

To

The Chief Engineer, Public Works Department.

In,

Enclosures.

1 file of papers.

With reference to your endorsement
No 733 D. dated 16th April 1884 on
explanation submitted by Mr. Lennon
on the excesses &c. on the Medical School,
Monegar Choultry Madras, I have the
honor to observe:—

2. Mr. Lennon was on the 7th November
first asked to explain excesses over
estimate and complaints of bad work.
Frequent reminders were subsequently
sent to him to which no attention was
paid, until the 21st December 1883 when
he submits his first unsatisfactory
explanation, being then under orders
to leave Madras which he did imme-
diately afterwards. In this explanation
he omits all references to the bad work

Complained of which was the most important and serious part of the subject. Had he replied within a reasonable time of being called on to do so it would have been much easier to test his statements. But even when (after he had left Madras) he was called upon for an explanation he replies he cannot give it without certain documents. These are with some difficulty supplied by this office. But before he gets them he does submit his reply which I venture to think might very easily have been sent at first.

3. The leaks in the roof are in no way due to the school of Ards tiles, but occur solely in the gutters which are lined with zinc sheeting. This zinc sheeting has not been properly laid: the tiles on each side of it have not been laid straight and the longitudinal slope of the gutter is uneven. The zinc also does not lap under the tiles sufficiently. No valley tiles ^{have} been used as Mr. Lennon seems to imply. The leaks in the

ventilators were stopped long ago before the building was handed over to the Doctor by lead flashing. They are quite water-tight. This occurred months before Mr. Lennon left Madras. ¹³⁰⁸
~~1308~~ 1318

4. Mr. Lennon's remarks A.B. The leak referred to was at a part where the verandah built on to a wall of the building. Here the tiles were simply laid touching the wall without any lead or zinc flashing to turn off the drip from the wall on to the verandah roof. The room inside consequently was thoroughly saturated and the marks remain on the wall. It has been rectified since Mr. Lennon left.

5. The Raddan mats were of an inferior kind and have since been replaced by proper ones, with which the Medical officer informs me he is satisfied. They were not supplied through Mr. Lennon.

The Punkah wheels should have been Stoney's. Those put up at first were altogether too light for such heavy punkahs. Stoney's have since been fixed. The fixed wheels were not supplied through Mr. Lennon.

6. I have written one or two remarks
in red ink on Mr. Lemmons letter
itself.

I have the honor to be
Sir

Your most obedient servant.

John Morant.

Major R. E.
Offg. Comdg. Architect to Genl.

All accompaniments of your
return.

1308
19

No 64C. dated 12-1-84
" 820C. " 4-4-84
" 733D. " 16-4-84

P. W. D.
Roads and Buildings.

From.

THE CONSULTING ARCHITECT

TO THE GOVERNMENT OF MADRAS,

To

The Chief Engineer
P. W. Department.

No. 121

Dated 25th April 1884

Received

No. of ENCLOSURES.

4

1308W

Subject.

Remarks on Condactor
Lennons Explanations
regarding the defects in
the auxiliary Medical
School - Madras.

[Signature]

* Also all its enclosures
is therein noted

Applied for the by in last
February also for order
book & plan -

Camp 14th mile

Amalapuram Canal

27th April 1884

No 6

To the officer in charge
Central Division

1308
Proclamation

By the 11049.C. endorsement
on 1101749.D. of 14th instant
from Off. Supy Engineer and
hereunto returned. They
you will be so good as to
submit as follows for the
information of the Dy Chief
Engineer -

1. I much regret that I had
not the opportunity of referring
to the estimates received. Since
they first explanation was
disputed to the Dy Ch. Engr.
2. Please refer to estimate dated
31st January 1879 (which I
have seen until now) &
items - roofing and timberwork
Roofing @ 26 Rs per square -
expens included in item of
timberwork - Please refer to
revised estimate for Rs 156,72
dated 11th January 1881
and it will be seen that

P.L. 6/4
10/24/84

+ Dr. Ammann of W² 5-0-0
per. Space on roofing and
a loss of from 14 to 16 W²
per Space on timberwork

W² 30 per. Space is charged for
roofing but the item of keepers
has been omitted -
Now keepers cost from 14 to 16 W²
per Space if we follow testimony
it from W² 3-8-0 to 4 W² per
cubic foot - as it takes about
4 cubic feet per Space -
This I think disproves of the
item of W² 9-11 paid for keepers
as claimed by the Contractor
forming the greater part
of the excess for which I
have been held responsible
It is quite impossible to put
up a shed of this size with
keepers for W² 30 per. Space -
A simple analysis of the
cost of materials only will
show this - The roofing comes
to more than 30 W² without
the keepers - Keepers are listed
as a separate item in the
Roof of Post & Telegraph
Office and there I think the
sub head of roofing was under
estimated - i.e. W² 30 per. Space
plus cost of keepers, about 68
cents for the whole building,

+ Dated 19th Dec^r 1883

2 -

Items - Rotten Nails - Brackets
wheels &c for which I have
been called on to give an
explanation - 130⁸/₉₂₁

Please again refer to estimate
for W² 156,72 dated 9th Dec^r
Dec. 1881 and it will
be seen there are no such
items - The above items
come in the estimate for
W² 1,662 - dated Dec^r
12th May 1882, I had nothing
to do with the
carrying out of this estimate
I never saw it before
now -

The same applies to the
Complaint of "Slaves of the
Sun" to date not checked
by ^{any one} provided for in this
estimate -

3. Present order book and
Plan -

These documents were handed
out from Post & Telegraph Office
with my first explanation
at least they were given

Mr. D. May Ch. H. for the purpose
of not forgetting that they should
be in amongst the records
of the P.T.S. Office where
all my office work was
done. This I am certain they
are, not in my possession
or I should not have asked
for them to be sent to me
if not to be found in the
regular place where all my
documents were kept &c. &c. in
a box pigeon holeed which
which I had ~~by~~ made for
the purpose, they were
found in the Ch. H. table
drawer where I know we
used to keep a great many
papers -

4 - No Embroider actually
referred me on the matter of
School - After the building
itself was handed over the
new estimate for W. b. h. b. r.
was put in hand & I think
any reference to me -

5. I say that reference
may again be made to my
explanation regarding the
differences about 19th of

1308
22
last December, and note
again taken for of my
reasons for differences -
When then I explained
why W. b. h. b. r. was in excess
on account of repairs &
being deducted from the
revised estimate, ~~when then~~
I also in that advised
to work down by the
late Inspector Goodwin
to an estimate of which
I had only then heard
but now I also until these
papers came to hand.
Sincerely -

Thurs
In like manner I never
saw until now the first
estimate for W. b. h. b. r. but
I am very glad to have
received it ~~now~~ as it
shows that the item of
repairs was in addition
to that for roofing with
School of Arts tiles
and bears out my
statement -

5- It will be seen that
when the item of \$911
for repairs omitted is
struck out the excess is
reduced by more than
one half. I quote from Manning
Another investigation of
other items will also
relieve me of blame in
many if not all cases
in fact as all my work
was by contract, paid
by the Consulting Architect
he must have satisfied
himself of the necessity
and correctness of the
bill or he would not
have paid it -

I beg to remain
Saf. Yrs. most obedt. Servt
R. P. Benson
Sub. S. Office
Eastern Sub. Div.
Co. D.

Respectfully,
R. P. Benson

1308
23

202 G.D.
30-4-84

No 32

Forwarded to the
Superintending Engineer
with reference to his
Receipt No 174 G.D.
of 14-4-84

W. Hoff

28-4-84

Recd 29-4-84

(all enclosures received with
No 174 G.D. are returned
here with)

207/10
CM

At 1308 W 22/5/84

No. 369 G.D.

FROM,

Executive
THE SUPERINTENDING ENGINEER in charge
FIRST CIRCLE.

TO,

THE CHIEF ENGINEER
P. W. Department
FOR IRRIGATION.

DOWLAISHWERAM, 5th May 1884

SIR,

1308/22A

With reference to your Memo
No 820 C dated 4-4-84, I have the honor
to forward herewith Mr. Lennor's ex-
planation about the medical School
at the Monegar Choultry, together with
the enclosures received with the above Memo.
2. The papers received with your
No 64 C dated 12-1-84 have already
been returned with this Office No 32 G.D.
dated 3-4-84.

I have the honor to be,
Sir,

Your most obedient
C. L. Annam
Capt. R. E.
Ex Engineer in ch. 1st Circle

JK

1st Circle
The Chief Engineer
S. P. R.
Madras.

Dated 5th }
Despd " } May 1886
Recd. 12 }

No 369 Ga
Incls. 5.

Medical school
at the Dronegar
Choultry.
Mr Lemmon's expla-
nation regarding the
Construction of —.

No: 1308 W. P. W. Department

Proceedings of the Madras Government,

Under date the 23rd May 1884

Read the following:—

on the Hammer P.W. Arcimoto (H.E. No 1292) of January 9th 1894

SE 1 Aisle " " 3423 g. of March, 1st "

SE. 1 mile " " 32 yds of April, 3rd "

"Coney Architect to Government..." 121 of April 25"

" 369 1/2 of May 5, 1884
 " 369 90 of May 5, 1884

When signing the Completion
Report of the Medical School
at the Mooneyan Choultry,
a work carried out under the
supervision of the Consulting
Architect between August
1880 and July 1883, the
Superintendent of the School
pointed out certain minor
defects, and drew attention to

the fact that the roof leaked badly in places, and that the walls were liable to saturation from moisture. Mr. Thompson stated that Mr. Chisholm had been apprised of the state of the roof and walls on the occasion of one of his inspections, but that the defects had not been remedied.

On return from leave, Mr. Chisholm will be called on for such explanation of the bad work as he may have to offer.

Conductor Lemmon, Sub Insp. 1st grade, was the sub-divisional officer in immediate charge. His explanations as to the

causes of the defects are by no means satisfactory, and do not lessen his responsibility for allowing bad work in a building under his immediate supervision. The dilatory manner in which he has replied to calls for explanation is also noticed by Government ^{strongly} with disapproval. The dissatisfaction of Government on both points will be conveyed to Condr. Lemmon by the Supt. Engineer, Circle. The Offg. Consulting Architect will report whether all the defects brought to notice by Mr. Thompson have been

The Hon. J. E. Sullivan

70.

B. No. 2163 u. 2-9-86.

11.
17.5.12

So, 11/15 2 5/11/89

R. F. Thusholm Esq. with papers
on return from leave.

Comy Architect to get

S. E. I. Conche

E. S. W. Account

W

1308
~~28~~
28

12/11/86 12/15
B. No. 2163 u. 2-9-86

3534
Govt. of Madras.

PUBLIC WORKS.

(28)

Dated

For

To

GO. 23 May 1884 No. 1308

Medical school
at the Monegar
Choultry

Leaving to the Conductors
Lesson & calling
for explanation from
Mr R. F. Chisholm
for certain defects in
the construction of the
& calling for a report
whether the defects have
been rectified.

5/5

5/5

5/5