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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Public Works DEPARTMENT

G O. No.	2937 W	Press
~~B.P. No~~		~~Mis~~
Dated	20.7.1878	198

GP

Not to be folded or roughly handled.

2937

GOVERNMENT OF MADRAS
PUBLIC WORKS DEPARTMENT.

78, No. 2,937 W
20th July 18
s and Roads
Building Works
Civi

Read the following paper — f Secretary to Government in the Judicial
No 193. Endorsement of the Chiefund, 1st July 1878, No 1,144.
Department, dated Ootacaf, e, South Canara, to the Chief Secretary to
From J. W. BEST, Esq, District Judglare, 25th June 1878, No. 8
Government, dated Mang, action a plan and estimate with specification

I HAVE the honor to submit for sancuse with a lightning conductor.
report for providing the District Court-hhe Subordinate Judge's and District Munsif's

2 The District Court as well as ti the other public buildings in this town, and
Courts are situated on a height above alut is the largest as well as the highest
of these three buildings the District Coecen lately repained and improved at consider-

3 The District Court-house has b
able expense

4. During a thunder-storm in October 1876 it occurred to me that the building
being destroyed by lightning I therefore
should be protected from danger of prepare an estimate for the purpose
requested the then District Engineer to en received, and I submit it for the orders of

5 This estimate has only now be immediate expenditure of Rupees 575 may be
Government, as it seems to me that the the expenditure of a larger sum hereafter.
the means of avoiding the necessity for

Approved and transferred to the Public Works Department for disposal
(Signed) D. F. CARMICHAEL,
Chief Secretary.

No. 194. ORDER THEREON, 20th July 1878, No 2,937 W.
The plan and estimate of Rupee 575 for fixing lightning conductor to the
District Court-house at Mangalore are : sanctioned
work at present
2 No funds are available for the red as Provincial No 69 B of 1876-79.
3 This sanction has been registe
(The Extract)

(Signed) E. A. FOOD, Colonel, R.E.,
Secretary to Govt, P.

(True Copy)

Ma
Under Secy -to Govt

to the District Engineer, South Canara
" Examiner of Public Works Accounts
" Judicial Department.
Ed. T. D Ryan.
Spare Copies

W-8

Mangalore, 25 June 1878.

From The District Judge¹⁸⁷⁷
South Canara
To The Chief Secretary to Government
Coimbatore

Sir, I have the honor to submit for sanction
a plan and estimate with specification report
for providing the District Court house with a
lightning conductor.

2 The District Court as well as the
Subordinate Judges' and District Munsif's
Courts are situated on a height above all
the other public buildings in this Town and
of these three buildings the District Court is
the largest as well as the highest.

3 The District Court house has been
lately repaired and improved at considerable
expense.

4 During a thunder storm in October
1876 it occurred to me that the building should
be protected from danger of being destroyed
by lightning. I therefore requested the then
District Engineer to prepare an estimate for
the purpose.

This

5 This estimate has only now been perused
and I submit it for the orders of Government
as it seems to me that the immediate expenditure
of Rs 575 may be the means of avoiding the
necessity for the expenditure of a larger sum
hereafter.

I have the honor to be,

Sir,

Your most obed^t serv^t

W Begg
District Judge

District Court

South Kanara

25th June 1878.

2937

Specification & Report to the Commission
 Estimate for affixing Lightning Conductors
 to the District Courthouse, Bangalore.

As there are zinc gutters running round the eaves of the main building with zinc spouts and pipes to carry the rain off the roof these will be utilized in the protection of the building from the effects of lightning without interfering with their proper duties. It is considered that there must be 3 copper rods projecting from the ridge of the building into the air (the length of the ridge being 122' 6") one of these rods to be fixed at each gable and one midway between them. These rods will be connected with one another along the ridge by a copper plate and will be connected with the zinc eaves gutters before mentioned by copper plates along the gables. The zinc pipes leading from these gutters will then form connection with the ground. These zinc pipes will then be connected with earth copper rods passing into trenches excavated to receive them extended to 20' in length from the

No. 1144

Approved and transferred to the
 Public Works Department for disposal.

Obtained
 14 July 1878.

[Signature]

in the Public Works Department. Chief Secretary

Submitting a plan
 for providing the
 District House with
 lightning conductors
 for Bangalore.

1144
 Enclosure 1.

dated 25th June 1878

from Mr. J. H. [unclear]
 to Mr. [unclear]
 Bangalore

Mr. [unclear]

the building terminating each in a well
3' diameter and 4' deep the trenches
& well being filled with charcoal and
covered with the & covered soil.

The 4 terminals of the conductors
will be formed in the narrow bottom
upper standard plan & specification
dated Philadelphia 1877.

Each copper rod will be 5' in height
from the ridge and 1" diameter screwed
and soldered into copper socket
3" x 3" x 3" which again is to be soldered
to a copper saddle 12" x 6" x 1/8" at the
2 ends. This saddle will have a copper
tee 12" x 1" x 1/8" to tie it to a wooden brace
9" x 4" x 3" let into the face of the build-
ing and both at the ends and in the
center there will be a wooden brace
let into the ridge. There will be a
copper stud 3" x 1" x 1/8" to each end post
and 2 studs to the center rod together
& soldered to the rods and to the ridge
plate. The ridge and gable plates are to
be 3" x 1/2" riveted & soldered to the
copper studs & to the zinc case

gutters. The earth rods are to be riveted
& soldered to the ends of the zinc pipes
and are to be 1" diameter. Their other ends
to be riveted & soldered to the
copper harness. 2/25/77

Mangalore
14th June 1878

Harvey Raja M.
District Engineer

J. W. Burt
District Judge

2937

Work. *Fixing lightning conductor to the District
Court house at Mangalore.*

Copper sheet riveted
soldered to con-
ducting rods—
Copper embedded in
concrete & cast iron
as roofing plates
as gable plates
Copper ties—
as plate in
walls—

Total for the "do." of 5000 per 1/2 — 14761

Total CR of Copter 1000	1000
----------------------------	------

Est. lbs. copper at 55¢ lb. 1.00

Col. R. H. ...

Copies of the ...

~~Consent~~ ~~1/2~~ ~~5/1~~

Quintana

February 11.
Dear Mr. Brewster -
I have just received your letter of the 10th inst. and am glad to hear that you are well. I am well and hope to hear from you again soon. I am, Sir, very respectfully,
Yours truly,
J. A. Allen

8/30/77

1237
 P. R. D.
 No 2937
 Proceedings of the Madras Government

Under date the 26 July 78
 Read the following:

Endorsement of the Judicial Department
 No 1144, dated 1st July 1878, on letter from the
 District Judge of South Canara, No 8 of 21 June 78

The plan and estimate
 of Rs 575 for fixing
 Lightning Conductor to
 the District Court
 House at Mangalore
 are sanctioned.

No funds are available
 for the work at present.
 14
 227 12.7.78

D.C. South Canara
 Exec P. R. Accts & Ests
 J. R. Raghav
 This sanction has
 been registered as Provenance
 of 1878 79

27-7-78

For a letter of 8 dated 1.7.78
 from the District Judge
 1878

D. P. W. South Canara District

Detailed Estimate No 16 of 1878-79

Work

Among following
 conducted to the District
 and District Judge

1641/1248 78

9/24/39

11-11-40

2000 2. July 1940

1000 10 2 18 1/2 10 7 25

Subt. of (1878) Edition.

PUBLIC WORKS

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Good

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15

100, 20th July 1871, 29376

1705.

Lightning Conductor to District

Court House, Mangalore.

L. Puccia

The plan and estimate
for a — functioned.

for a — function of λ .

— [Signature]