

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 10 111 334-333	Press Mis.
Dated	18

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
23rd April 1872.*

No. 337. Read the following letter from the Superintending Engineer, 5th Division, to the Secretary to Government, Public Works Department, dated Cuddalore, 12th April 1872, No. 13 :—

WITH reference to G. O., No. 162 of the 23rd November 1871, I have the honour to submit, for the sanction of Government from the current year's Reserve under "Civil Buildings Provincial," an estimate of Rupees 465, accompanied by plan and specification for fixing a lightning conductor and water-spouts to the tower of St. Andrew's Church at Bangalore.

No. 338. ORDER THEREON, 23rd April 1872, No. 1,041.

CIVIL WORKS, No. 11.

SANCTIONED. An allotment of Rupees 465 is made for the work from the Reserve in the Provincial Budget, and

the Superintending Engineer will arrange for the completion of the work before the approaching monsoon.

(True Extract.)

Colonel, R.E.,

Civil building. — Fifth Division D. P. W. New Work.
Bangalore.

Abstract Estimate of 1872-73.

Work; Fixing a Lightning Conductor and Water Spouts
to the Tower of St. Andrews' Church. Bangalore.

Quantities	Description of Work	Rates	
		Amount Per	Amounts Total
<u>Lightning Conductor.</u>			
52	Running ft of Wrought iron rods 3/4 in diameter for lightening ing to Pinnacles	3 " Aft 9 12 "	
90	— do — of Lightning Conductor to Tower round outside the Parapet walls top of Tower 2" Copper Band.		
105	— do — of — do — down the East face of Tower.		
195	Total Running ft of lightening Conductor	14 " do 170 10 "	
66	Teak wood bricks	4 " Each 16 8 "	
36	Running ft of Iron chain	4 " Aft 9 "	
202 1/2	Cub ft of Excavating and filling in trenches for connecting the iron chains to the Copper lightning Conductor	1 1/2 Cft 1 9 3 "	
70	Parahs of Charcoal	8 " P. 35 "	
2	Flag stones (6x6x4)	6 " E. 12 "	
<u>Trap Door</u>			
3. 3 1/2	Cub ft of Teak wood wrought and put up	4 " Cft 13 2 "	

Brought forward

2677.5

- 1 Sqr ft of Sheet iron — 38. Each 38.
- 2 Pairs of hinges with screws — 8. do 1.
- 2 Iron hooks 18 — 2. " do 4.
- 9 3/4 Cft of dismantling terrace — 6 Cft 46.
- 2 Bolts including screws — 1. Each 2.
- Painting Chocolate Color — 8.
- Fixing the Frames in Cement — 28.
- 2 Wrought spouts to Tower 6 in length 4 in diameter 7/16 in thickness including fixing and painting — 5. Each 10.
- 2 Sink Stones — 5. do 10.
- 56 Chng. ft of zinc drainage pipes 4 in diameter — 9. Sqr 31.8.

332.11

Sundries at — 10. And 32.11
Scaffolding — 100.

Total Amount of Estimate Rs 465.

Executive Engineer's Office — (Signed) H. W. Wood Captain
Cuddalore 12 April 1872. Executive Engineer,
Bangalore.

E A Ford Colonel R.E.
Superintending Engineer 5th Bn

Suply Engrs Office, 5th Bn
Cuddalore, 12 April 1872.

H. E.
H. Division
E.
W. D.

No. 162 of the
order to sub-
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Civil Build-
Rupces 465,
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and Water
Andrews

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Scrawled

E A Ford Col. R.E.
Suply Engineer, 5th Division.

Brought forward 26775

5th Division D.P.W.
Bangalore

P.W. 1849/72.
Dated 23rd April 1872 L.H. 337.
Abstract Estimate for
fixing a Lightning
Conductor and Water
spouts to the Tower
of St. Andrew's Church
Bangalore.

Amount of Estimate
Rs. 465-0-0

Enclosures - 3.
1 Plan
1 Estimate
1 Specification.

13. Suptg Engrs Office, 5th Div.
Bangalore, 12 April 1872.
From
Colonel E. A. Ford R.E.
Superintending Engineer, 5th Division.
To
Colonel A. Karpendale R.E.
Secretary to Government, D.P.W.
Sir,
With reference to G.O. No. 162 of the
23rd November 1871, I have the honor to sub-
mit, for the sanction of Government from
the Current Year's Reserve, under Civil Build-
ings Provincial, an Estimate of Rupees 465,
accompanied by plan and specification, for
fixing a lightning conductor and water
spouts to the Tower of Saint Andrew's
Church at Bangalore.

I have the honor to be

Sir,
Your Most Obedt. Servant

E A Ford Col. R.E.
Suptg Engineer, 5th Division.

P. M. 1872 Richards.

(17) 211819.

Dr. McLaughlin (Inquirer)
Dr. McLaughlin (Inquirer)

Chas. Key - to Government
12.31.58.

October 12th 1892
 1892

Frederick
Oct 13. 1861

circumstances for the variation
of these movements and estimates.
St. Stephen's holds for spring a
highly strong concentration, and
water appears to be the source
of some of the strongest elements
of strong and long.

Ms. 10.41.1-23. 2nd leaf pp. 2

Not an act

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75

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27

(Pinner)

1882

11. Fred Astor
24-4-72

Handwritten signature

in the statement of demands from the States

[illegible]

1879

Govt. of Madras.

PUBLIC WORKS.

To The Superintending Engineer
S. J. Durand

Vol. I

Part

Part

2

G. O. 23rd April 1879. N. 1041

Nos. 337 & 338

St. Andrew's Church,

Bangalore. Sd. for

fixing a lightning Con-
ductor & water spouts
to the tower of St. Andrew's
Church, Bangalore,
mentioned.