

(1) Number of pages _____

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(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	872	(W)	Press
B.P. No.			Mis.
Dated	3-4-	1876	

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
3rd April 1876.*

No. 36. Read the following Despatch from the Right-Honorable the Secretary of State for India :—

INDIA OFFICE, LONDON,
2nd March 1876.

Public Works.

No. 5.

MY LORD DUKE,—In continuation of my Despatch in this department, No. 18, dated 14th October last, relative to the provision of materials for lightning conductors for Wellington Barracks, I have to inform you that, owing to the absence of certain details in the indent, some difficulty has been experienced in making arrangements for a proper supply.

2. The demand is for 6,990 feet of copper rod, one inch in diameter, without any statement as to the length of the rods, or information regarding the necessary connections and ridges. Six hundred and ninety insulators are also asked for at an estimated weight of one ton, and cost of 1,020 Rupees. This portion of the requisition is not understood, as what are ordinarily termed insulators are not used in the attachment of lightning conductors.

3. It appears on inquiry that copper wire rope has to a great extent superseded rods in the construction of such conductors. The rope is more easily adapted to the curves and angles of a building. It is supplied in coils, and can be cut into lengths as required.

4. I have, therefore, directed that 7,000 feet of this rope, half an inch in diameter, accompanied by eighty copper points ten feet long, and three-quarters of an inch in diameter shall be furnished in satisfaction of your demand, together with eighty dozen gun metal holdfasts.

5. Owing to the diminished diameter of the rope as compared with that of the rod asked for, the total cost of the supply including points and holdfasts will not exceed £400, whilst the value estimated in the indent is over £1,000. It has been ascertained that both copper rods and ropes of half an inch in diameter practically form as efficient conductors as when the metal is of greater thickness.

I have, &c.,
SALISBURY.

To His Excellency the Right Honorable
The Governor in Council, Fort St. George.

No. 37. ORDER THEREON, 3rd April 1876, No. 873.

ACCOUNT, No. 3.

COMMUNICATED to the District Engineer, Nilgiris, and to the General Superintendent of Public Works Stores, through the District Engineer, Presidency.

(True Extract.)

Colonel,

Offg. Under Secy. to Govt., P.W.D.

To the District Engineer, Nilgiris, with copy of Circular
No. 12, Public Works.

„ District Engineer, Presidency.

Exd. T. O'Connor.

Spare Copies

Public Works
No 5.

India Office, London
2nd March, 1876.

My Lord Duke,

1. In continuation
of my Despatch in this
Department, No 18, dated
14th October last, relative
to the provision of
materials for lightning
Conductors for Wellington
Barracks, I have to
inform you that, owing
to the absence of
certain details in the
Indent, some difficulty
has been experienced in
making arrangements
for

His Excellency,
The Right Honorable,
The Governor in Council
Fort St George.

for a proper supply.

2. The demand is for 6990 Feet of Copper Rod one inch in diameter, without any statement as to the length of the rods or information regarding the necessary connections and ridges. Six hundred and ninety Insulators are also asked for at an estimated weight of one Ton, and cost of 1020 Rupees. This portion of the requisition is not understood, as what are ordinarily termed Insulators are not used in the attachment of Lightning Conductors.

3. It appears on enquiry that Copper Wire Rope

has to a great extent superseded Rods in the construction of such Conductors. The Rope is more easily adapted to the curves and angles of a building. It is supplied in coils and can be cut into lengths as required.

4. I have, therefore, directed that 7000 feet of this Rope, half an inch in diameter accompanied by 80 Copper Points ten feet long, and three quarters of an inch in diameter shall be furnished in satisfaction of your demand, together with 80 Dozen Gun metal Hold fasts.

5. Owing to the diminished

for a diminished diameter of the Rope as compared

2. The with that of the Rod
for 699 asked for, the total cost
Rod one of the supply including
without Points and Holdfasts will
as to not exceed £400, whilst
the value estimated in
the rod the Indent is over £1,000.
regards It has been ascertained
connects that both Copper Rods
Six in and Ropes of half an
Inch in diameter practically
asked for form as efficient conductors
weigh as when the metal is
and of greater thickness.

This I have the honor to be,

My Lord Duke,

requ Your Grace's most obedient
unde humble servant,

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diminished diameter of
the Rope as compared
with that of the Rod
asked for, the total cost
of the supply including
Points and Holdfasts will
not exceed £400, whilst
the value estimated in
the Indent is over £1,000.
It has been ascertained
that both Copper Rods
and Ropes of half an
inch in diameter practically
form as efficient conductors
as when the metal is
of greater thickness.

I have the honor to be,

My Lord Duke,

Your Grace's most obedient
humble servant,

Whistler

No. 873. 3rd April 76
 Communicated to the
 District Engineer
 Neilgherries, and to the
 General Superintendent
 of Public Works Stores
 through the District
 Engineer, Presidency

QWW

P. M. 1876 Depart
 No. 1

No. 2289 Public Works
 2nd March 1876

The
 Letter to Fort St George

No. 5.
 Recd 29th March 1876.

20.12.11.75 No 3224
 • 6.8. — 3269
 • 12.7. — 2084
 • 3.7. — 1886
 • 14.4.74 — 971

(3.1876)
 Relative to the
 provision of materials
 for Lightning Conductors
 for Wellington
 Barracks.

36/7

Desd 19-4-76.3

J. L. Neilgherries with copy
 of ltr. to S. P. V. S. S. S.
 J. L. Presidency No 779 d/s 12.7.76

W. H. A. S. S.

22891 ✓

Govt. of India

PUBLIC WORKS.

To

The H. C. Kelghere.

4/11/70

Dated

Issued

Recd

Encl

G. O. 3rd April 1870, No.

8/3

Hos. 36/7

Lightning Conductors for Wellington Barracks

Despatch from the Secy of State regarding the matter submitted for consideration - called to the officer concerned

Encl. no. 10
1854
P. J. B.

21. 5/11/70

11/11/70