

(1) Number of pages 1(2) Date of repair 2-7-22

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MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.G.O. No. 2803243-244

Dated

9-81865

Press

Mis.

Not to be folded or roughly handled

No. 243. Read the following letter from Captain R. F. OAKES, R. E., Acting Superintending Engineer, 6th Division, to Colonel C. A. ORR, R. E., Secretary to Government, Public Works Department, dated Tanjore, 1st August 1865, No. 660:—

SIR,

1. Having ascertained the cost of the copper rod and copper sheeting required for the Lightning Conductors for the Grand and Artillery Magazines at Trichinopoly, I have the honor to re-submit the estimates as directed in G. O. No. 1,958, dated 11th July 1865.

2 Abstract estimates.
1 Indent in triplicate.

2. Indents in triplicate are enclosed for the copper rod and copper ribbon.

3. The estimate for the conductor for the Artillery Magazine is Rupees 170, and falls within the unexpended balance* on the original estimate.

* Rupees 230-2-6.

4. The estimate for the conductor of the Grand Magazine amounts to Rs. 290. The estimate for this Magazine has already been exceeded by Rupees 716, as reported on the 27th May, this excess occurred in

Paragraph 5 of letter No. 201.

1864-65, and a sum of Rupees 290 is therefore required from the Reserve Fund for the Grand Magazine, and Rupees 170 for the Artillery Magazine.

5. The copper rod and ribbon required weighs only 630 lbs., and forms a very light bandy load, I would suggest therefore that they should be sent down to Trichinopoly by road, addressed to Colonel Greenaway.

6. The Inspector General of Ordnance states that it will not be necessary to make a cash payment for the copper rod, &c., if the Indent is passed by the Head of the Department. I beg that I may be informed of the manner in which the value of the rod, &c., should be adjusted in the Range accounts.

No. 244. ORDER THEREON, 9th August 1865, No. 2,303.

MILITARY WORKS, No. 18.

No. 143, 15th January 1864
" 163, 16th do. "

1. The original estimates for the Grand and the Artillery Magazines at Trichinopoly amounted to Rupees 20,000 and Rupees 3,240 respectively, and received the sanction of Government in the Orders marginally noted.

2. From the letter from the Superintending Engineer of the 6th Division, No. 201,† dated 27th May 1865, the Government observe that the first of these estimates has been exceeded by Rs. 716-9-2, and that the outlay on the second up to the 30th April last, fell short of the sanctioned estimate by Rupees 230-2-6.

3. The excess over the original estimate for the Grand Magazine is chiefly under the items centring and scaffolding, for which only Rupees 150 were provided, while the actual outlay has been Rupees 1,380-2-10. It is likely, however, that a portion of this money will be recovered, either by the sale of the materials, or by their transfer to other works at a reduced cost.

no 240. The Estimate for this Magazine

Proceedings of the Madras Government, Public Works Department,
9th August 1865.

4. Both buildings have been completed, but Lightning Conductors, for which Rupees 100 and 50 respectively, were provided in the sanctioned estimates, have still to be attached. These sums are reported to be insufficient, and the Superintending Engineer now submits two revised estimates, amounting to Rupees 290 and 170, for attaching the Lightning Conductors in the manner prescribed in the pamphlet which accompanied the War Office Circular No. 603, dated 2nd July 1860. Provision to the extent of Rupees 226 and 117 respectively is made on account of copper rods and sheet copper, but as these articles will be obtained from the Arsenal, and no cash payment will be required, the sums to be placed at the disposal of the Superintending Engineer of the 6th Division, are Rupees 64 for the Grand, and Rupees 53 for the Artillery Magazines, making in all Rupees 117. This amount is sanctioned from the Reserve under "Military."

5. The Indents submitted by the Superintending Engineer will be transferred to the Presidency Store Department for disposal, with reference to paragraph 5.

6. The Controller of Public Works Accounts will furnish Captain Oakes with the information applied for in the concluding paragraph of his letter.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Superintending Engineer, 6th Division.

.. Controller of Public Works Accounts.

.. Accountant General.

.. Military Department.

.. Officer in charge of the Store Department, with Indent in triplicate.

Exd. S. T. Augustin

No 660.

Sup: Engrs Office 37th Div
Tanjore 1st August 1865

From

Captain R. F. Oakes R.E.

As: Sup: Engineer 6th Div

To,

Colonel C. A. Orr R.E.

Secretary to Government

Public Works Department

Encls.

2 Abstract Estimate

1 Indent in
triplicate

Sir,

Having ascertained the cost of the Copper rod and Copper sheeting required for the Lightning Conductors for the Grand and Artillery Magazine at Trichinopoly I have the honor to re-submit the Estimates as directed in G. O. No 1958 dated 11th July 1865.

2 Indents in triplicate are enclosed for the Copper rod and Copper Ribbon.

3 The Estimate for the Conductor for the Artillery Magazine is Rs 170 and falls within the unexpended balance on the original Estimate.

4 The Estimate for the Conductor of the Grand Magazine amounts to Rs 290. The Estimate for this Magazine has

has already been exceeded by Rs 716
as reported on the 27th May, this excess
occurred in 1864/65 and a sum
of Rs 290 is therefore required from
the Reserve fund for the Grand

Para 5 of
letter 12.201

Magazine & Rs 170 for the Artillery Magazine

5 The Copper Rod and Ribbon
required weighs only 630 lbs and
forms a very light handy load

I would suggest therefore that they
should be sent down to Trichinopoly
by Road addressed to Col. Greenaway

6 The Inspector General of
Ordnance states that it will not be
necessary to make a cash payment
for the Copper rod & ~~rod~~ if the 'Indent'
is passed by the Head of the Depart-
ment. I beg that I may be informed
of the manner in which the value
of the Rod & ~~rod~~ should be adjusted
in the Range accounts.

Yours truly
Sir,
your most obedient servt
H. F. Drake Capt. R.E.
Asst. Supt. Engineer 6th Div.

Military

Trichinopoly District
Abstract Estimate Rs 1865/68

Constructing Lightning Conductor to
Artillery Magazine at Trichinopoly.

1865/68
Pro: J. G. for Architect
1000/-
No. 2694
3707
The Supt. Engineer
6th Div.

The Secretary Genl.
P. W. D.

Dated 1st 3 August 1865
Recd 4

No. 660

Encls: 3

No. 243

21.7.1865. P. 8.15

Resubmitting
Estimates for Constructing
Lightning Conductor
to Grand and Artillery
Magazines at Trichinopoly
No. 2303-950 Aug 1865

has already been exceeded by Rs 71
as reported on the 27th May, this ex-
ceeded in 1864/65 and a sum
of Rs 290 is therefore required from
the Reserve fund for the Grand

Military.
Army.
Account for Troop.

Trichinopoly District.
Abstract Estimated Rs 1865/68

Work—Constructing Lightning Conductor to
the Artillery Magazine at Trichinopoly.

Quantity	Description of Work	Rate	Amount	Amount by each Part
8	Copper Plates—each	8	4	
60	Running feet Copper Rods	1 9 6	95 10	
33 or 52 ft	Sheet Copper 2 x 8 ft. 3 in.			
	33 3 lbs. nearly—3 lbs.	10 4	21 7 6	
20	Yards old iron chain—5 yds	1 2	22 8	
6 3/8	Cups Excavating Earth @	1 6	10	
16	ft of Masonry Tunneling— outer wall—	2	2	
4	Cds of Coal ashes—@	6	1 8	
	Cost of conveyance from Madras		6	
	Fixing and Sundries—		16 4 6	

Total Estimated Rupees 170

Sup^d Engrs Officeth @
Tanjore 1st August
1865

117
H. T. Parker Captain R.E.
As^d Sup^d Engineerth @

Your most obedient

H. T. Parker Captain R.E.
As^d Sup^d Engineer

Work. — Constructing Lightning Conductor to
 the Grand Magazine at Trichinopoly.

Quantity	Description of Work	Rate	Amount	Amount of Each Part.
8	Copper Clamps — each	8	4	
110	Running feet Copper Rod 1" dia	17 5	1915	
78 or 134 ft	Sheet Copper 2" x 1/8" thickness	10 4	50 11	
78 1/2 lbs	Iron Nails — 3/4" dia	1 2	22	
20	Yards Old Iron Chain — 3/4" dia	1 6	10	
6 1/2	Cods Excavating Earth — @	2	2	
16	Cods of Masonry Tunneling	6	18	
	Cost of Conveyance from Madras		9	
	Fixing and Sundries		24 51	

Total Estimate Rupees 290

H. P. Baker Captain R.E.
Sup^r Engrs Office
Tanjore 1st August 1855

Enclosed in letter No 660
 dated 1st August 1855
 from the Sup^r Engrs R.E.
 to the Secy to Govt R.E.

244
 1855-56

Public Works Dept

No 2503

Proceedings of the Madras Government
Under date the 9th August 1865
Decide the following

From the Superintending Engineer
of the Division

Resubmitting Estimates
for constructing Lightning
Conductors to Grand and
Artillery Magazines at
Trichinopoly.

(Forwarded 1st August 1865
No 660)

The original estimates
for the Grand and the
Artillery Magazines at
Trichinopoly amounted to
Rupees 20,000 and Rs.
3,240 respectively, and re-
ceived the sanction of
Government in the orders
marginally noted.

2 From the letter from
the Superintending Engineer
of the 6th Divⁿ No 201 dated

Wm
Wm

No 143-15th Jan'y 1864
"- 163-16th do.

Recorded in G. O No 1689.
27/17th June/65

Enclosure in letter No 660
dated 1st August 1865 from
the Sup^rg^r Eng^r to the
Sec^y to Gov^t P. W. D.

22/2894/65

22/2894/65-28/12/65

27th - May 1865, the Govern-
ment observe that the
first of these estimates
has been executed by
Rs 746. 9. 2, and that the
outlay on the second up
to the 30th April last fell
short of the sanctioned
estimate by Rs 230. 2. 6

3 The
excess over the original
estimate for the Gospel
Magazine is chiefly under
the items centering and
scaffolding, for which only
Rs 150 were provided,
while the actual outlay
has been Rs 1380. 2. 10.
It is likely, however, that
a portion of this money
will

117
will be recovered, either by
the sale of the materials,
or by their transfer to
other works at a reduced
cost.

4 Both buildings
have been completed, but
lightning conductors, for
which Rs 100 and 50,
respectively, were provided
in the sanctioned estimates,
have still to be attached.
These sums are reported
to be insufficient, and the
Superintending Engineer
now submits two revised
estimates amounting to
Rupees 290 and 170,
~~for~~ for attaching
the lightning conductors in
the manner prescribed
in the pamphlet which

accompanied the
 War Office Circular No. 603
 dated 2^d July 1860. Pro-
 vision to the extent of
 Rs. 226 and 117 respectively
 is made on account of
 Copper rods and sheet
 copper, but as these arti-
 cles will be obtained
 from the Arsenal, and
 no cash payment will
 be required, the sums to
 be placed at the disposal
 of the Supy Engineer of the
 6th Bn are Rs. 64 for
 the Grand, and Rs. 53
 for the Millen's Magazines,
 making in all Rs. 117.
 This amount is sanctioned
 from the Reserve under
 "Military"

5. The Indents sub-
 mitted by the Supy
 Engineer will be transferred
 to the Presidency Store
 Department for disposal
 with reference to para 5-

6. The Controller of
 P.W. Accounts will fur-
 nish Captain Dathu
 with the information
 applied for in the con-
 cluding para of his letter.

To
 The Supy Engr 6th Bn ✓
 4th Controller ✓
 3rd Acct Cont ✓
 7th July 1860 ✓
 2nd Officer in ch. of the
 Store Dept with
 Indent in triplicate ✓

C.A.B.

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 6

Sent 10th August.

9th 1865 Depo
No: of Govt for Augt,
11/

No 2003
No: of the Depot
Sept Augt 65

Instructing a sum of
Rs 117 for attaching light
-ning conductors to the grain
and Artillery magazines
at Trichinopoly

No 240 244

Sept 7 65