

(1) Number of pages 16
 (2) Date of repair 18.11.86
 (3) Initials of the Referencer long

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

PUBLIC WORKS DEPARTMENT

G.O. No.	2740 - W	Press.
B.P. No.		Mis.
Dated	31.10.1879	197.

MY

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

31st October 1879, No. 2,740 W.

Buildings and Roads.

Military Works.

Read the following paper :—

No. 60. From the Superintending Engineer, Third Circle, dated 13th August 1879, No. 4,719.

No. 61. ORDER THEREON, 31st October 1879, No. 2,740 W.

WITH his letter recorded above, the Superintending Engineer, Third Circle, forwards a comparative statement showing the quantity and cost of work done and of that remaining to be done in connection with the improvements to the Gun Powder Factory buildings at Madras.

2. An estimate amounting to Rs. 54,010 was originally sanctioned for these works in G.O., No. 655 W., dated 27th August 1877, the earthwork in connection therewith having been previously commenced with the view of affording employment to the distressed poor. This portion of the expenditure which represents the normal value of work done by famine labor amounts to Rs. 1,07,795, and was in paragraph 5 of G.O., No. 699 W., dated 7th March 1879, ordered to be taken into account in preparing the revised estimate. Against the estimate of Rs. 54,010 the expenditure already incurred amounts to Rs. 67,853. A further outlay of Rs. 9,365 is stated to be necessary for work remaining to be carried out, which will raise the total expenditure to Rs. 77,218 or Rs. 23,208 in excess of the amount of the sanctioned estimate. Adding to the above sum the normal value (Rs. 1,07,795) of famine work the total cost of the work amounts in all to Rs. 1,85,013.

3. The causes that led to the excess of Rs. 23,208 are fully described in the comparative statement and in the report appended to it, and are principally due to (1) work found necessary in the course of operations and for which provision was not made in the estimate, (2) to omissions in the original estimate, and (3) to high rates charged by the Ordnance Department for the wood, &c., supplied by that department. As a set off against this excess there are surplus materials at site stated to be not required amounting to Rs. 6,961. These materials should be transferred to other works in progress or sold and their value credited to the Factory estimates.

4. The principal items of work remaining to be done are the following :—

	RS.
Constructing Corning-house	8,180
Do. Press-house	5,620
Do. road from the Press-house through new Gun Powder	
Factory to the junction of old Magazine-room	1,565

5. The Government resolve to sanction the revised estimate including the normal value of the famine relief outlay, and amounting to Rs. 1,85,013.

6. It is observed that the necessity for a revised estimate arose so far back as September 1878, in which month the outlay was first reported to Government as objectionable in the statements furnished by the Examiner of Public Works Accounts. The delay therefore in submitting for sanction the revised estimate is far from satisfactory, and the same remark applies to the first and second of the reasons given for the excess on the original estimate; it is the duty of an officer framing an estimate to see that it provides, both as regards quantities and prices of work, for everything that is required.

7. The sanction accorded in paragraph 5 has been registered as Imperial No. 24 B of 1879-80.

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, Third Circle.

" Examiner of Public Works Accounts, with comparative statement.

" Military Department.

Exd. C. Howarth.
Spare Copies

2/
2740

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of (1879) Madras.
PUBLIC WORKS.

To
THE SUPERINTENDING ENGINEER,
THIRD CIRCLE.

Dated October 31st.

Issued

Recd.

Encl.

G. O., 31st October 1879, No. 2740 W.

OCTOBER.

Nos. 60-61.

Gun Powder Factory, Madras. — Sanctions
with remarks the revised estimate for
improvements to the —

No. 4719

3rd Circle Super Engineer's Office
13th August 1879

From

The Superintending Engineer 2740
3rd Circle.

To

The Chief Engineer,
Public Works Department.

Sir,

With reference to para 5 of G. O. No. 6997 dated
7th March 1879, I have the honor to for-
ward herewith a comparative statement
showing the quantity and cost of work
done and of that remaining to be done
on the Improvements to the Gun Powder
Factory at Madras.

2. An estimate of Rupees 54000 was
sanctioned for this work in G. O. No. 655
dated 27th August 1877. An expenditure
of Rs. 67853-3-7 has been already incurred
and a further expenditure of Rs. 9364-5
is necessary for work remaining to be carried
out on this estimate which will raise the total
expenditure to Rs. 77217-8-10 or Rs. 23207-8-10 in
excess of the amount of the estimate. Added
to the above sum of Rs. 77217-8-10, Rs. 107794-10-
the normal value of work done by European
labour employed on the earthwork parts
of this Project of which but a small portion
only was provided for in the sanction.

Improvements to the Gun Powder Factory.
amount in all to Rs 185012-3-6. The causes of the
loss of Rs 23207-3-10 and on account of the
work done under Income are fully described
the Comparative Statement and in the Report
appended to it.

The undermentioned enclosures are forwarded.

1 Comparative Statement.

1 Detailed Revised estimate of Rs 77217-3-10.

1 Statement of materials at site A. B. and C.

1 Data.

1 General Abstract with 3 Detailed and 8
abstract estimates for the Project Improvements
to the Gun Powder Factory, Rs 107794-10-8.

1 Specification to — do —

1 Statement of materials at — do —

9 Plans.

I have the honor to be
Sir

Your most obedient servant

Hendrick Schacht
Raj

As Super Engineer 3rd Circle.

4/2940

119-19-74
 112-7-77
 128-9-77
 88-16-77
 65-27-77
 162-1-78
 69-4-79
 24-29-79

P.W.D.

1879

1879.

4.0.10 2740 to of 31-10-79

From

The Supd Engr 3rd Circle

9/10/79 not
 received
 brought to the
 notice of the
 27/10/79

No 4719.

2740 W

Dated 13th

Red

August/79.

Enc:

Gun Powder Factory at
 Madras — Forward
 Comparative Statement
 for Improvement to

9 News sent to the S. E. S. D. Engr
 on 12-1-80. (vide C. No. 181 of 79)

60

17-10-79. Dtd 27-10-79
 11-11-79

Cue

P. W. Department.

No 2740 W

PROCEEDINGS of the MADRAS GOVERNMENT.

Under date the 31st Octr 1879

Read the following

From
 The Supd Engr 3rd Circle (No 4719 d/13th Augt/79)

With his letter
 recorded above, the Supd
 Engr 3rd Circle forwards
 a comparative statement
 showing the quantity and
 cost of work done and
 of that remaining to be
 done in connection with
 the improvements to the
 Gun Powder Factory at
 Madras.

Superintending Engineers.
 Chief Engineer for Irrigation.
 Consulting Engineer for Railways.
 Examiner, Public Works Accounts.
 " Railway Accounts.
 Consulting Architect.
 Superintendent, Madras Harbour Works.
 General Superintendent, P. W. Stores and Workshops.
 Do. do. P. W. Stores Department.
 Chief Engineer and Manager, Madras Irrigation and Canal Company.
 Examiner Irrigation and Canal Company's Accounts.

2. An estimate
 amounting to Rs 540.10

was originally sanctioned
for these works in G.O.

N^o 655 W dated 27th

Augt. 1877, the earth
work in connection therewith

having been previously
commenced with

the view of affording
employment to the

destitute poor. This
portion of the expenditure

which represents the
normal value of work

done by Famine labor
amounts to ~~Rs 107,795~~

to Rs 107,795 and was
in para 5 of G.O. N^o 699 W

of 7th March 1879 ordered
to be taken into account

in preparing the revised
estimate. Against the

estimate of Rs 54,010

the expenditure already
incurred amounts to

Rs 67,853. A further
outlay of Rs 9,365 is

stated to be necessary
for work remaining to

be carried out ~~and~~

which will
raise the total expenditure

to Rs 77,218 or Rs 23,208

in excess of the amount
of the sanctioned estimate.

Adding to the above
sum the normal value

(Rs 107,795) of ^{famine} work

the total
cost of the work amounts to

in all to Rs 1,85,013

The causes that led
to the excess of Rs 23,208

are fully described in the comparative statement and in the report appended to it, and are principally due to (1) work found necessary in the course of operations and for which provision was not made in the estimate.

(2) to omissions in the original estimate and (3) to high rates charged by the Ordnance Dept. for the wood &c. supplied by that Dept. As a set off against this except there are surplus materials at site stated to be not required, amounting to Rs 6961. These materials should be transferred to other

2/2260 works in progress or sold and their value credited to ^{the} Factory estimates.

4. The principal items of work remaining to be done are the following:

Constructing Corners } 8180
house

do Prep house — 5620

do road from the
prep house through
new Gun Powder
Factory to the junction
of old Magazine
room — 1565

5. The Govt. resolve to sanction the revised estimate including the normal value of the famine relief outlay, and amounting to Rs 1,85,013

6. It is observed

P. W. Accounts

7. The sanction ^{accorded in para 5} has
been registered as Imperial
No 24 Bof/1879-80.

13/10

AM

16/10/79

Oct 27-10-79. *Plut* 27-10-79.
 to Oct 12-10-18 514-10-

and the same remark
applies to the first and
second of the reasons
given for the excess
on the original estimate;
it is the duty of an
officer preparing an
estimate to see that
it provides, both as
regards quantities and
prices of work, for
every thing that is
required. 104 C.P.S. (6)

Satd. L.A.S. 16/10

S. E. Thoms Ciel ¹⁰
enclosure
for P. W. ^{W. H. H.}
comparative statement
Military Dept
Despd
K-11-73

8/2740

Civ 3949.

Gabt. of (1879) Madras.

PUBLIC WORKS.

To

Dated

Issued

Recd.

Encl.

G. O. 31 Oct 1879, No. 2740 W

Nos. 60-61

Gun Powder Factory.
Madras Sanctions
with remarks the revised
estimate for improvements
to the —

6-11-79
A. O. not recd