

(1) Number of pages.....

(2) Date of repair.....

(3) Initials of the Referencer.....

MADRAS RECORD OFFICE

Government of Madras

Public Work DEPARTMENT

G.O. No.	2159	(w)	Press
B.P. No.			Mis.
Dated	18.8.		1876.

Not to be or roughly handled

*Proceedings of the Madras Government, Public Works Department,
18th August 1876. No. 2,159.*

Read the following letters:—

No. 408. From Major P. MONTGOMERIE, R.E., Officiating District Engineer, Presidency, to Major-General G. W. WALKER, R.E., Chief Engineer and Secretary to Government, Public Works Department, dated Fort St. George, 10th July 1876, No. 1,878.

I HAVE the honor to submit, for formal sanction of Government, a revised estimate and comparative statement, amounting to Rupees 4,200, for adapting the old Foundry at the Gunpowder Factory for sulphur distillation.

2. The original estimate, amounting to Rupees 3,620, was sanctioned in G.O., No. 1,814, dated 7th July 1874. The cause of this excess is chiefly due to certain inaccuracies in the original estimate and to other causes fully explained in the column of remarks of the comparative statement.

3. The revised project has received the approval of the Inspector-General of Ordnance and Magazines. The work having been completed in last official year, no specific appropriation of funds is now necessary under paragraph 90, Section 2, of the Manual of Public Works Accounts.

No. 408. From Major P. MONTGOMERIE, R.E., Officiating District Engineer, Presidency, to Colonel W. T. F. FAREWELL, Deputy Chief Engineer, Public Works Department, dated Fort St. George, 8th August 1876, No. 2,477.

WITH reference to your memorandum, No. 663-T, dated 2nd August 1876, I

1 Comparative Statement.

have the honor to report that it appears that Mr. Supervisor S. Francis, lately attached to this district, is responsible for the careless manner in which the original estimate, amounting to Rupees 3,620, for the Sulphur Distillery at the Gunpowder Factory was prepared.

2. As regards the delay in the submission of the comparative statement in proper time, I beg to explain that, owing to press of work on account of His Royal Highness the Prince of Wales' visit, the preparation of this revised estimate and comparative statement was delayed, like many other estimates, till the completion of the works.

3. Moreover, as the comparative statement in question could not be prepared with accuracy until the accounts for the last official year were closed, which was done on the 20th April 1876, the statement was then revised to the actual expenditure, and finally submitted by the Range Officer on the 26th June 1876. It was forwarded for the approval of the Inspector-General of Ordnance and Magazines on the 3rd July 1876, who returned it on the 6th, and was submitted to Government on the 10th July 1876.

4. The comparative statement is herewith resubmitted.

Proceedings of the Madras Government, Public Works Department,
18th August 1876. No. 2,159.

No. 409. ORDER THEREON, 18th August 1876, No. 2,159.

MILITARY WORKS, No. 15-A.

(a) Heads of Service.—Imperial.

Fund.—Ordinary.

Class.—Original Works.

Main-head.—Military.

Sub-head.—Ordnance Building.

Name of Work.—Converting the old Foundry into a

Sulphuric Refinery, Gunpowder Factory.

Amount.—Rupees 4,200.

Carried out by the Public Works Department.

UNDER the explanation afforded by the District Engineer, the revised estimate of Rupees 4,200 for converting the old Foundry into a Sulphuric Refinery in the Gunpowder Factory, Madras, is sanctioned in lieu of that for Rupees 3,620 sanctioned in G.O., No. 1,814, dated 7th July 1874.

2. The carelessness shown by Mr. Supervisor S. Francis in the preparation of the original estimate is most reprehensible. The Government, however, do not absolve the District Engineer from blame in the matter, and they look to him more closely to scrutinize estimates before submitting them to Government for sanction.

3. It is observed that the work was completed last year and that no specific allotment of funds is necessary.

4. This sanction is registered as Imperial No. 65-W. of 1876-77.

(True Extract.)

Colonel,

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

To the District Engineer, Presidency.
„ Examiner of Public Works Accounts.
„ Military Department.

Exd. E. C. Shunker.

Spare Copies

(a) Heads of Service—

Fund.

Class.

Main-head.

Sub-head.

Name of Work.

Amount.

To be carried out by the

Department.

in the margin of G.O. No. 2,159 of 18/8/76.

No 120 of 1876-77.

Abstract of Estimate for converting the old
 Foundry into a Sulphuric Refinery in the Gun
 Powder Factory vide Contract Engineers 129th of 12th January 77

Content	Particulars	Rate	Per	Amount	Total
		10	11	12	13
100	Cyds Excavating foundation and raising the basement	1	9	64	10 15
1130	Cft Concrete made of broken brick and mortar	2	3	64	208 2
2118 1/2	Cft Brick no mortar	2	6	64	331 3
577 1/2	Cft Brick work of brick and mortar	3	10	64	188 13 5
	Centering 10 1/2"			45	
132 9/8	Sq Plastering with 2 coats of chunam	2	7	10	323 11 4
16	Sq Plastering with Portland Cement	12		4	9 12
33 3/4	Cft Brick work of fire bricks for interior of furnace	1	6	64	26 7 3
147	Sq Removing the old tiled roof and collecting the material	1		4	41 14 5
20 3/4	Sq Paving terrace roofing old palmyra rafters new teak rafters 3 courses of flat tiles 1 1/2 inches concrete & plastering with 3 coats of chunam	23	13	4	497 1 4

Carried Over 1640 5 7

Content	Particulars	Rate	Per	Amount	Total
	Brought Over			1640	5 7
20 1/2	App. Repairing terrace paving new paving stones new base Reapers, 3 courses of flat tiles 1 1/2" inches of concrete and 3 coats of chunnam	29	9	267	1 10
7 1/8	App. Slating for the Stove hole made of slate Reapers, 2 courses of flat tiles 3 coats of plaster	16	3	144	2 7
1	App. Flooring with 8" sq. bricks in chunnam with a leveling course underneath	9	2	6	9 2 6
12	App. Flooring with 3/4 inch of asphalt laid over a leveling course of wall bricks and 1 1/2" inches of concrete	15	3	45	2 15 4
13 1/2	App. Cornice work in chunnam	3	6	18	29 8 6
9 1/2	App. Closing a row of holes in the exterior of the wall with bricks and mortar	4	1	4	34 23
13 1/2	App. Repairing cracks in the wall with concrete	1	1	1	35 8
21-7-1	App. Teak wrungs and put up	2	11	22	57 2 2
1	App. Abutted plank 1 1/2" thick in thickness wrungs & put up	46	10	460	51 10
9 1/2	App. Sheet lead 1/2" thick thickness	1	1	1	52 15
3 1/2	App. Dressed Gaddapah slate set in Portland Cement	60	1	60	58 10
8 1/2	App. Printing with Europe verdigris 3 coats	11	4	44	59 5
	Brought Over			3010	15 2

Content	Particulars	Rate	Per	Amount	Total
	Brought Over			3010	15 2
21 1/2	App. Removing cornice	11	11	123	15 2
7 1/2	App. Wood oil 3 coats	14	1	14	16 6
	Removing prickly pears	11	1	11	17 7
10	Cutting the wall for 9 new windows 2 1/2 x 3 1/2 x 2 and 1 door 3 x 5 x 2 and fixing the frame in lime in mortar	11	1	11	18 8
4 1/2	App. Painted windows door 3 x 5 with frame and furniture complete	15	5	75	23 3 3
30	App. Painted door 7 1/2 x 4 with frame and furniture complete for stove hole	14	1	14	24 4
15 7 1/2	App. 9 Painted windows 5 x 3 1/2 with frame, iron bars & furniture complete	1	3	3	27 7
2 1/2	App. Teak steps 8 x 5 with side and bread plank and hand rail	1	1	1	28 8
5 1/2	App. Six inch flanged pipes to supply the refinery with water	1	1	1	29 9
1	Iron chimney 17 1/2 ft long 21 ft wooden box 24 1/2 x 13 1/2 lined with sheet lead with a wooden tube attached 21 feet in length	130	1	130	41 11 11
	Landry charges & scaffolding	163	4	3	42 15 4
	Total Expenses			1200	42 15 4
	Spent at Hong Kong 26th July 1876				
	Checked 28 29/7/76				
	By District Engineer				

No 2157

Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 18th Aug/76

Read the following:—

From
 The District Engineer } (N.E. Res. 1873 & 10th July 1874)
 Presidency }
 " do do } (N.E. Res. 2147 & 3rd Aug/76)

Under the explanation
 tion afforded by the
 District Engineer, the
 revised estimate of
 Rs 4,200 for converting
 the old Laundry into
 a Sulphuric Refinery
 in the Gunpowder Factory,
 Madras, is sanctioned
 in lieu of that for
 Rs 3620 sanctioned in
 Public Res. 1814 dated 7th July 1874.

He

P. W. 147/15/76

11/18

Recd 3rd Aug 1876

No 120 of 1876-77

At a meeting of the
 for converting the old
 Laundry into a
 Sulphuric Refinery
 in the Gunpowder
 Factory.
 Commencing at 10.40 AM

2. The carelessness shown
by Mr. Supervisor
S. Francis in the pre-
paration of the original
estimate is most regret-
table. The Govern-
ment however, do
not absolve the Dis-
trict Engineers from
blame in the matter
and they look to him
more closely to scruti-
nize estimates before
submitting them to
Government for sanction.

3. It is observed that
the work was completed
last year, and that
no

no specific allotment
of funds is necessary.

4. This sanction is
registered as Imperial
No. 65 of 1876-77.

Pr. Presidency. ✓
Ex. P. W. acct. ✓
Mil. Dept. ✓

Decd 30/8/76

49451
5690

GOV. OF INDIA
PUBLIC WORKS.

The H. E. Presidency

18th Sept 1859

No. 408 - 109

Converting the old Foundry
into a Sulphuric Refinery
in the Gun Powder Factory,
Madrass. The revised
Estimate for —
sanctions of with remarks

W. J. P.
21. 9. 59