

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public

DEPARTMENT

G.Q. No.	1891	Press
B.P. No.		Mis.
Dated	25-7	C876 —195—

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
25th July 1876. No. 1,891.*

No. 435. Read the following endorsement of the Secretary to Government, Military Department, dated Ootacamund, 13th July 1876, No. 3,512:—

From Colonel H. N. D. PRENDERGAST, v.c., c.b., R.E., Commandant "Queen's Own" Sappers and Miners, to Brigadier-General A. HOWLETT, c.b., Quartermaster-General, Fort St. George, dated Bangalore, 4th July 1876, No. 675.

With reference to G.O., No. 87, dated 8th May 1874, approving of an estimate, amounting to Rupees 5,295-8-5, for constructing workshops for the Sappers and Miners at Bangalore, I have the honor to request that you will favor me by submitting the accompanying comparative statement to His Excellency the Commander-in-Chief with a view to his moving Government to sanction an additional expenditure of Rupees 3,821-9-7 on that work.

2. The original estimate for constructing the workshops at Public Works Department rates was Rupees 15,850; it was made in 1873-74 when the price of teak logs was Rupees 1-8-0 per cubic foot; the price is now Rupees 2-8-0 per cubic foot. Partly on account of the rise in price of timber and partly owing to an error in the detailed estimate, the price of the woodwork will be Rupees 2,687-5-7 more than the sum entered for it in the original estimate.

3. When the estimate was reduced from Rupees 15,850 to Rupees 5,295-8-5, all items were excluded from the latter estimate except timber and lime, the intention having been to include paint, oil, turpentine, iron (for nails, straps, hooks, hinges, bolts, locks, &c.,) and fuel for burning bricks, lime, &c., in the annual indent for stores for "practice;" but as they were not entered in the indent, these articles, amounting to Rupees 1,134-4-0, are included in the accompanying comparative statement. They were not entered because the Controller of Military Accounts is in the habit of reducing the estimate for stores for practice to the rate of Rupees 5 per man.

4. The total cost of the building will be less than Rupees 9,000, whereas its price if erected by the Public Works Department would be upwards of Rs. 17,300 if the price of teakwood wrought and put up has increased as much as that of teakwood in logs. Hence there will be a saving of Rupees 8,300; the work will be thoroughly well done, and the Sappers will have received a valuable lesson in the various crafts connected with buildings.

No. 226.

FORWARDED with statement for the consideration and orders of Government, with His Excellency the Commander-in-Chief's recommendation that their sanction be accorded to the expenditure incurred in excess of the estimate in the construction of the workshops of the Queen's Own Sappers and Miners, under the circumstances noted.

(By order,)

(Signed) A. HOWLETT, Brigadier-General,
Quartermaster-General.

REFERRED to the Public Works Department.

(By order,)

(Signed) J. MICHAEL, Colonel,
Secretary to Government.

Proceedings of the Madras Government, Public Works Department,
25th July 1876. No. 1,891.

No. 436.

ORDER THEREON, 25th July 1876, No. 1,891.

MILITARY WORKS, No. 9.

(*) Head of Service.—Imperial.

Fund.—Ordinary.

Class.—Original Works.

Main-head.—Military.

Sub-head.—Military Buildings. Accommodation for

Native Infantry.

Name of Work.—Constructing a Workshop for Sappers

and Miners, Bangalore.

Amount.—Rupees 9,117.

To be carried out by the Military Department.

* G.O., No. 1,543, dated 20th June 1876.

UNDER the circumstances represented,
the revised estimate, amounting to
Rupees 9,117, for the Sappers and Miners'
workshop at Bangalore, is sanctioned.

2. The expenditure on the work
up to the end of the past official year
was Rupees 3,477, and as an allotment of
Rupees 1,818 has been granted* during
the current year, a sum of Rupees 3,822
remains to be provided. This is now
allotted from the sources shown below :—

	RS.
From the amount held at the disposal of Government from Budget Item No. 5 in G.O., No. 1,202, dated 15th May 1876	600*
From the Reserve under Military	3,222
	<u>3,822</u>

3. The sanction accorded in these Proceedings has been registered as Imperial
No. 47-W. of 1876-77.

(True Extract.)

Colonel,

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

To the Military Department.

„ District Engineer, Bangalore.

„ Examiner of Public Works Accounts.

Exd. W. H. French.

Spare Copies

Handwritten notes and stamps, including a vertical stamp that reads "P. W. 1105/76" and a signature.

Comparative Statement showing the difference between the Sanctioned & Own Papers to Miners. rate and the work actually executed in the new Work Shops. *James*

Description of Work.	Per.	As Estimated.						Per.	As Actually Executed.						Inches.			Decrease.				
		Quantity	Rate			Amount			Quantity	Rate			Amount			R	A	P	R	A	P	
			R	A	P	R	A			P	R	A	P	R	A							P
Concrete below Foundations. (Chunam).	Parah.	4081	"	8	"	360	8	"	Parah.	4081	"	8	"	360	8	"						
Foundations Rough Stone in Chunam.	1050	4380	"	8	"	525	"	"	1050	4380	"	8	"	525	"	"						
Basement " " "	256	1514	"	8	"	128	"	"	256	1214	"	8	"	128	"	"						
Superstructure Brick in Chunam.	1340	12529 1/2	"	8	"	670	"	"	1340	12529 1/2	"	8	"	670	"	"						
Flat Arch Work " " "	90	536	"	8	"	45	"	"	90	536	"	8	"	45	"	"						
Circular " " " "	65	396	"	8	"	32	8	"	65	396	"	8	"	32	8	"						
" " " Cut Stones	5	34 1/2	"	8	"	2	8	"	5	34 1/2	"	8	"	2	8	"						
Stones for Lira Beams to put on.	nili																					
Cut Stones for Quoin.	9	63	"	8	"	4	8	"	9	63	"	8	"	4	8	"						
Plastering in Chunam 2 Coats.	700	140 sqm	"	8	"	350	"	"	700	140 sqm	"	8	"	350	"	"						
Pointing " " "	40	40 sqm	"	8	"	35	"	"	40	40 sqm	"	8	"	35	"	"						
Whitewashing 2 Coats.	14 3/4	140 1/2 sq	"	8	"	7	6	"	14 3/4	140 1/2 sq	"	8	"	7	6	"						
Flooring with Ginch Flooring tiles.	100	100 sq	"	8	"	50	"	"	100	100 sq	"	8	"	50	"	"						
Brisanniers to Verandah. Slak wood.	C. Foot																					
Jacks.																						
Lira Brackets.																						
King Posts.																						
Struts.		1436 4/6	2	"	"	2872	10	5	c foot	1436 4/6	2	"	"	2872	10	5						
Principal Rafters.																						
Purlins.																						
Wall Plates.																						
Ridge Pole.																						
Common rafters.																						
Reapers to Verandah and Roof																						
Doors, Half panelled and half Venetian.																						
Windows. Venetian.																						
Roofing with Flat & Pan Tiles & Borders Chunam.	Parah.	249-	93	sqm	"	8	"	139	8	"	Parah.	249	93	sqm	"	8	"	139	8	"		
Bengal Terrace to Verandah.	D.	186	31	sq	"	8	"	93	"	"	186	31	sq	"	8	"	93	"	"			
Painting Doors, Windows, Brisanniers and ends of Rafters with 3 Coats of Carbon Anti Corrosion Paint.																						
Iron for nails, Reaps & Rafter, Straps and bolts. Hooks hinges locks &c., materials for burning Bricks Tiles &c.																						
Total,																						

Sanction given Mr. P. C. M. J. and the work registered as Imperial No. 47 W. of 1876-77. D. O. Rs

The provisions have been estimated in the waste in to the n

The expenditure on this work up to end of March 1876 is Rs 3477, and there is an allotment of Rs 1818 for it in the current year. Side 9,000,545 of 29/6/76 - If the revised rate is sanctioned Rs 3822 will have to be allotted. There are 3950 Rs under Reserve

There there are variations from the former estimate,

not entered in former estimate.

Sanction given per. 12. 9. 11. 7
and the m. w. p. registered
as Imperial No. 47 M. of
1826-7. 7. G. A. No. 1891 of 26. 11. 7
1876-7. 7. G. A. No. 1891 of 26. 11. 7

The papers
have been
Estimated
waste is
to the n

The expenditure on
this work up to end
of March 1876 is
Rs 3477, and there
is an allotment of
Rs 1818 for it in the
Current year. Vide
G.O. No. 1543 of 23/6/76.
If the revised Estimate is
sanctioned Rs 3822
will have to be
allotted. There are
3950 Rs under Reserve

These items were omitted from the former Estimate,

Not entered in former Estimate.
Do Do

Bangalore.
4th July 1846

A. W. Hendy at
Commencing 30" Tappers and Miners

(a) Heads of Service— *Imperial*

Fund. *Ordinary*

Class. *Original Works.*

Main-head. *Military*

Sub-head. *Military Buildings - Accommodation for ^{Infantry} ~~Artillery~~*

Name of Work. *Constructing a Workshop for Sappers & Miners - Bangalore -*

Amount. *Rs. 9117-*

To be carried out by the *Military* Department.

Print in the margin of G.O. No. 1891 of 25 July 1876 -

on account of

W. Mysore D.

Quarter-Master's Office,

"Queen's Own" Sappers and Miners,

Bangalore.

No. 675

From

Colonel H. N. D. Prudergast, V.C., C.B., R.E.

Commandant, "Queen's Own" Sappers and Miners.

To

The Quarter-Master General
Fort St. George

Sir,

With reference to G.O. G.A. 87 dated 8th May 1874 approving of an Estimate amounting to Rupees 5295-8-5 for constructing Work Shops for the Sappers and Miners at Bangalore, I have the honor to request that you will favor me by submitting the accompanying Comparative Statement to His Excellency the Commander in Chief with a view to his moving Government to sanction an additional expenditure of Rs. 3821-9-7 on that work.

II. The original Estimate for constructing the work shops at P. W. D. Bator was Rs. 15850 - it was made in 1873/74 when the price of teak logs was 1-8 - per cubic foot, the price is now Rupees 2-8 - per cubic foot. Partly on account of the rise in price of timber and

P. O. 1076 Rof
805105

13th August 1876

Banking Office
Mussurack. Co.
18th August
No 3512. Bank of India
Bank of India - Bank of India

Received by the
Hon. Secy to Govt.
No 3512

From
Memo from the Hon. Secy
The Commandant, 22d
"Queen's Own" Sappers and Miners.

To
The Hon. Secy to Govt.
18th August 1876
No 645.
Dated
4th July 1876
Received

Subject
Forwarded for consideration
Statement for the
9117-2. Sappers and Miners
of the Sappers & Miners

No 5811
8th July

Quartermaster General's Office
18th August 1876

No 226

Forwarded with statement for
the consideration and orders of Government, with the
recommendation of the Commander in Chief, recommending
that the sanction be accorded to the expenditure
incurred in the construction of the Sappers and Miners
of the Sappers and Miners, under the circumstances stated.

(By order)

Quartermaster General

The Secretary to Government
Military Department

2611717

Commencing Engineering

Major General

18th July 1876

Sir,

Your most Obedient Servant,

Colonel, R. E.

Commandant, "Queen's Own" Sappers and Miners.

W. P. Pringle

Bangalore
4th July 1876

partly owing to an error in the detailed
Estimate, the price of the wood work will
be Rupees 2687-5-7 more than the sum entered
for it in the Original Estimate,

III. When the Estimate was reduced from
Rupees 15850 to Rupees 5295-8-5, all items
were excluded from the latter Estimate, except
timber and lime, the intention having been
to include paint, oil, turpentine, iron (for
nails, straps, hooks, hinges, bolts, locks &c.)
and fuel for burning bricks lime &c.
in the Annual Indent for stores for
"practice", but as they were not entered in
the Indent, these articles amounting to Rupees
1134-4-4 are included in the accompanying
Comparative Statement. They were not entered
because the Controller of Military Accounts is in the
habit of reducing the Estimate for stores for practice
to the rate of Rs. 5 per man.

IV The total cost of the building will be less
than Rupees 9000-0-0 whereas its price if
erected by the D. T. W. would be upwards of
Rs. 17300-0-0 if the price of teak wood wrought
and put up had increased as much as that of teak
wood in logs. Hence there will be a saving of
Rs. 8300-0-0 the work will be thoroughly well done
and the Sappers will have received a valuable
lesson in the various crafts connected with
building.

I have the honor to be,

FORMER CASES.

Current No. of 187

" "

" "

" "

" "

1876 Department

M. WORKS FORM No. 3.

Current No. 5105

From

The Military Department

No. 3512

Dated 18

Recd. 17

July 1876

Subject:—

Referring to letter from the Commandant of Sappers and Miners, submitting a comparative statement for Papers 9117-2 for San Workshop of the Sappers and Miners.

ENCLOSURES. One

From

to

"

"

"

"

"

"

Orders and Proceedings in file.

Department.	No.	Date.	ENDORSEMENTS.		
			Department.	No.	Dated.
MR	141	22-5-76	orig		

Public Works Department.

No 1891

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 25 July 76

Read the following:—

From the Quarter Mr General H.R. No 226 of 12 July 76 /

Mr. Milly Dept — 3

Under the circumstances represented the revised estimate amounting to Rs. 9117 for the Sappers and Miners Workshop at Bangalore is sanctioned.

2. The expenditure on the work up to the end of the last official year was Rs. 3477 and as an allotment of Rs. 1818 has been granted during the current year, a sum of Rs. 3822 remains to be provided —

This is now allotted from the

for No. 1543 of 20 June 76.

LATER CASES.

Current No. of 187

" "

" "

" "

From

to

"

"

"

"

"

"

Orders and Proceedings in file.

Department.	No.	Date.	ENDORSEMENTS.		
			Department.	No.	Dated.
MR	141	22-5-76	orig		

Cir - 21.7.76 P.W.D. 28-7-76.

Desp to Oct 18-7-76.

the sources shown below-

From the amount held
at the disposal of Govt
from Budget Item No 5
in G.O. No 1202 of 15 May 1906 } ⁺ Rs 600

+ Subject to the confirmation of
the Govt of India.

From the Reserve under
Military } Rs 3222

The sanction accorded in
these Prs has been registered
as Imperial No 4711 G.M.W.
of 1876-77-

Rs 4357

Only Rejib
of Mr. Bauglone
Examiner, Mr. A. B.

Dec 9-8-96

X. Attch
10-1-96

5105

Gobi. of 1876 Madras.
PUBLIC WORKS.

To

The Military Dept.

Dated

Issued

Recd

Encl.

G. O., 25th July 1876, No.

1891

No. 4370

Works for the Sappers
& Miners at Bangalore

The rise of Estimate
for the — same —

Comd in Chief
15-8-76

X. W. W.