

(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.	2685	Press	<i>Original</i>
B.P. No.		Mis.	
Dated	5-10-	1876	
		195	

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
5th October 1876. No. 2,685.*

Read the following papers:—

No. 81. Proceedings of the Madras Government in the Military Department, dated 1st September 1876, No. 4,415.

ABSTRACT.—Approving plans and estimates, amounting to Rupees 3,000, for removing the old engine and boiler, and refixing a new engine and boiler in the Dhoby's Wells engine-house at Bangalore.

No. 81-A. From Major H. M. VIBART, R.E., District Engineer, Bangalore, to Major-General G. W. WALKER, R.E., Chief Engineer, Public Works Department, dated Bangalore, 25th September 1876, No. 137.

IN reply to your memorandum No. 1,402, dated 19th instant, I have the honor to report that the object of re-erecting the old engine at the Dhoby's Wells is—

1stly.—To keep up the supply of drinking water to the troops, the filter at the Ulsoor Rock not being sufficient for that purpose.

2ndly.—To allow of the foundation of the new engine and pump being laid dry, otherwise the water rising in the pump well would give trouble.

It will probably take three months if not more to complete the necessary masonry and fit the machinery of the new engine, the old engine can be taken down and re-erected in the temporary shed in a month and will be required to be worked until the new engine is ready.

The temporary shed is absolutely necessary for the protection of the machinery of the old engine.

No. 82. ORDER THEREON, 5th October 1876, No. 2,685.

MILITARY WORKS, No. 3-B.

(a) *Heads of Service.*—Imperial.
Fund.—Ordinary.
Class.—Original Works.
Main-head.—Military.
Sub-head.—Miscellaneous—Military.
Name of Work.—Temporary engine-shed and removal of old engine and refixing new one at the Dhoby's Wells.
Amount.— { Shed, Rupees 395, No. 89 W.
 { Engine, " 3,000, " 90 W.
To be carried out by the Public Works Department.

THE following estimates are sanctioned for immediate execution:—

	RS.
Temporary shed for old engine ...	395
Removing old engine and refixing new engine ...	3,000

2. Funds are provided by decrease of stock balances, subject to the confirmation of the Government of India.

3. This sanction has been registered as Imperial Nos. 89 and 90 W of 1876-77.

(True Extract.)

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

To the District Engineer, Bangalore.
" Examiner of Public Works Accounts.
" Military Department.

Exd. S. T. Austin.
Spare Copies

Imperial Military : Original works
 Abstract Estimate No 65 of 1876/77
 District Bangalore
 work — Constructing a temporary shed on
 near the Dhoby wells for fixing an
 Old Engine.

Quantity	Description of work	Rate	Amount	Total
238	ft of Excavation	1 cft	1	
238	Foundation Stone in clay	19	26	
767	Brick in clay	2	96	
1	Lintel stone 6 1/4 x 1/2	1	9	1
2	Do Do 5 x 1 1/4 x 1/2	1	2	2
1	Do Do 9 x 1 1/4 x 1/2	18	2	2
11.20	Sq of Rough pointing with chunam	1	11	11
485	ft of jungle wood	28 cft	122	
585	Sq of Roofing without flat tiles	14	82	
589	Larring	1	6	
1	jungle wood rotten door 4 x 7	22 1/2	23	
2	Do Windows 3 x 4	9 1/2	20	
	Painting		3	

Total Rupees 395.

Distt: Engr's Office
 Bangalore
 7th August 1876

Harish Chait Major R.E.
 District Engineer

Imperial. ~~Military~~ Original work
 Abstract Estimate No. 65 of 18/6/77.
 District Bangalore
 Work — Removing the Old Engine and
 Boilers and refixing a new Engine
 and Boiler in the Shoby wells
 Engine House.

Quantity Description of Work Rate Amount Total

For fixing new Engine & Boilers

2.88	Sq. of Removing concrete floor	2.12	6.00
3176	ft. of Excavation	2.00	63.52
1140	— Brick in cement	7.00	79.80
3.94	Sq. of Plastering with cement	10.00	39.40
205	ft. of Brick in chunam	3.00	615.00
2.12	Sq. of Plastering with chunam	2.00	4.24
539	ft. of Brick in clay	2.00	1078.00
83	— Fire brick in fire clay	16.00	1324.00
1	Stone 4' x 5 1/4' x 1 1/2' for fixing	1.00	1.00
	pump	3.00	3.00
1	Stone 3' x 1 1/2' x 1 1/2' for fixing	1.00	1.00
	iron girder	1.00	1.00
1	Stone 6' x 10' x 6' for	1.00	1.00
	fixing Engine	8.00	8.00
1	St. 4' x 2' x 2' x 7' x 1 1/2'	2.00	2.00
1	Stone 4' x 7' x 2' x 2' x 1 1/2' for	1.00	1.00
	fixing Donkey Engine	26.00	26.00

Carried Over — 890

Debit Description of work Rate Per Amount Total
 - City -

Brought Over - 890
 7 Covering stones for Drain
 between Pumping well
 and cistern $4\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ 8 7
 Dismantling a portion of
 side wall of well and
 rebuilding the same for
 inserting suction pipe also
 filling up the drift ways 30
 Removing and refixing
 the Door and verandah
 railing in order to remove
 the Old Boiler and putting
 up the new Boiler 15
 Rebuilding stone covering
 of the well and dismant-
 ling a portion of the side
 wall for fixing suction
 pipe for temporary use 10
 9 Pl. Junglewood girders
 for supporting suction pipe 2 2
 Constructing temporary
 shed 19×46 for fixing old
 Engine as per estimate attached 35
 C. O. - 1340

Debit Description of work Rate Per Amount Total
 - City -

Do. O. - 1370
 4 Stones for supporting
 steam pipe 2 2 8
 Filling with earth and
 reflooring with cement
 concrete 30
 100 Rft. of taking up pipes
 from Engine House to
 opposite the temporary
 shed 2 2 13
 100 Rft. of Relaying the above
 pipes from temporary
 shed to - Do. 4 4 25
 100 Rft. Do. Do. from new
 Engine to - Do. 4 4 25
 2 Dismantling and rebuilt-
 ing holes in side walls
 of Boiler room for
 insertion of the steam
 pipes 2 2 4
 Covering steam pipes
 with coir ropes and
 canvas including green
 painting 50 50
 C. O. - 1525

P.W.D.
 Description of work Rate per Amount Total
 -ity

P.W.D. 1525

Removing the present
 stone sheds and refixing
 the same in the tempo-
 rary shed for fixing Old
 Engine 50 80

Removing the Old Boiler 25 25

Removing the Old Engine
 and Pump and refix-
 ing the same in the
 temporary shed 250 250

191 Bt. Building masonry
 foundation for Engine
 shed and Pump for tem-
 porary use 3 36

Putting in new Boiler 50 50

Fixing new Engine 500 500

4 Steam pipes 3/2 inner
 diameter and 4 1/2 outer dia-
 for temporary use 65

Superintendence 2110

2741
 Sundries at 10 per cent 259

Total Estimate Rupees 3000

Distt. Engineer's Office
 Bangalore
 7th Aug 1876
 Henry Gilbert Major P.E.
 District Engineer

Proceedings of the Madras Government, Military Department,
 1st September 1876.

Cantonments—Water-Supply.

Read the following letter:—

No. 9. From Brigadier-General A. HOWLETT, C.B., Quartermaster-General,
 to Colonel J. MICHAEL, C.S.I., Secretary to Government, Military
 Department; dated Head Quarters, Ootacamund, 17th August 1876,
 No. 419.

With reference to O.G., No. 832, dated 19th February 1875, the Commander-

in-Chief having approved the abstract
 estimates and plans marginally noted,
 I am directed by His Excellency
 to submit them for the consideration
 and orders of Government.
 2. If approved by Government, it
 is requested that the papers may be forwarded to the Department Public Works
 for disposal.

No. 10. ORDER THEREON, 1st September 1876, No. 4415.

The two estimates, amounting to Rupees 3,000, are approved.

(True Extract.)

Colonel,

Secretary to Government.

To the Public Works Department,
 with four original enclosures, and His Grace the Governor's note, and 10 copies.
 Quartermaster-General.

Note by His Grace the Governor.

I cannot learn from the paper, the object
 of the temporary recreation of old Engine &c. the
 one occupied in doing this should erect the new one.
 What is the object of the change. there are probably
 previous papers?

Signed B.H.
 21/8/76.

A. Raiff.

Dis
He
7-
Cii-3-10.76 PWA 5-10.76
Bugey 13-9-76

It will probably take three months if not more to complete the necessary masonry and fit the machines.

Machinery of the New Engine, the old
Engine can be taken down and re-
erected in the temporary shed in a
month and will be required to be
worked until the new Engine is ready.

The temporary shed is ab-
solutely necessary for the protection of
the Machinery of the Old Engine.

I have the honor to be

Sir

Your most obed^t servant

Henry Robert Major R.E.
District Engineer

P.W.D.
29 SEP 76

N.P.

202

for re-erecting the
old engine at the
Sholies' Wells and
the use of the temporary
shed required to be
built.

Order 25-10-1876

28/10/76

Report to the object

from
The District Engineer
Bangalore.
to the Chief Engineer
P.W.D.
Madras

MSIA

ci. 3.11.76 Mda 5-10.76
Dufz ban-23-9-76.

2685 ^{11/11/76} Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 5th Octr 1876-
Read the following:—

(a) Heads of Service— *Imperial*
Fund. *Ordinary*
Class. *Original Works*
Main-head. *Military*
Sub-head. *Miscellaneous—Military*
Name of Work. *Temporary engine shed & removal of
old engine & repairing same at the
Sholies' Wells—*

Shed No 345 No 89 W.
Amount. *Engine 3000 90 W.*

To be carried out by the *Public Works* Department.

Print in the margin of G.O. No 2685 of 5/10/76—

E Bangalore ✓
P.W. Accts. ✓
Military Dept. ✓

Funds are provided
by decrease of stock balance,
subject to the confirmation
of the Govt. of India.
This sanction
has been registered as
Imperial Nos 89 & 90 of
1876-77—
Dated 19/10/76

P.W.D.
29 SEP 76
N.P. 102

For put up -

For 2 July/75. No 8.
24 July/74 - 217.
5 Oct/74 - 18
18 Nov/74 - 375 - Mill's Dept
15 Feb/75. 431.
25 July/76. 1895 & 1896.

MSIA

ci. 3.11.76 (Mda 5-10.76)
Dup bon-23-5-76.

2685 Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 5th Octr 1876.
Read the following:-

Pro: in the Military Dept. (H.E. No 4415 of 1st Sept. 1876)
From
The Dist. Eng^r Bangalore (No 137 of 25th -)

The following
Estimates are sanctioned
for immediate execution.

Temporary shed for old Engine - Rs 395
Removing old Engine and re-
fixing new Engine — } Rs 3,000

Funds are provided
by decrease of stock balance,
subject to the confirmation
of the Govt. of India.
This sanction
has been registered as
Imperial Nos 894 & 900 of
1876-77.
D. E. Bangalore
Ex^{te} P. W. Accts.
Military Dept.
Decd 19/10/76

6615 6983 H.

Govt. of 1876 Madras.

PUBLIC WORKS.

To

to W. L. Bangalore

Date

Issued

By

Encl.

G. O. 5th October 1876, No. 2685-

No. 81/2

Temporary Engine shed +
Removal of old Engine and
re-fitting new one at the
Chobies Wells Bangalore.

Estimates for —
sanctioned by

Sanctioned by
20-10-76