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B. P. W. D. dt 4.1.1878
(G.O. 29)
Pd 10/2001 / Jimmy

(1) Number of pages 12
(2) Date of repair 23/6/86
(3) Initials of the Referencer km

TAMIL NADU ARCHIVES
GOVERNMENT OF TAMIL NADU
P. W. DEPARTMENT

G.O. No.	29. (W)	Press.
B.P. No.		Mis.
Dated	4 - 1 - 1878 197 .	

Not to be folded or roughly handled

Jimmy

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GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

4th January 1878, No. 29 W.

General.
Account.

Read the following paper:—

No. 54. From Major ROSS THOMPSON, R.E., District Engineer, Presidency, to the Chief Engineer, Buildings and Roads, dated Fort St. George, 27th September 1877, No. 3,564.

I HAVE the honor to submit for the sanction of Government and allotment of funds plans, specification report and estimate, amounting to Rupees 1,420, for constructing foundation, boiler-bed, and chimney for the steam-hammer to be erected in the new Workshops at the Seven Wells.

One Plan.	
Two Sketches.	
One Estimate.	
„ Specification Report.	

2. The object and necessity for the work in question, as explained by the General Superintendent of Public Works Stores, &c., are as follow:—

The hammer cannot be set up without a proper foundation, and a boiler is required to supply the engine with steam. The boiler being a Cornish one requires a flue and chimney, which must be scientifically constructed. The steam-hammer is very much needed for heavy works and principally for making tools. A small steam-hammer, 7 cwt., was expressly got out from England for this Workshop, and it is an indispensable article in a large Workshop to facilitate work. One was in use at Chepauk and was found very useful in making the tools required for famine works in Bengal.

No. 55. ORDER THEREON, 4th January 1878, No. 29 W.

THE plan and estimate of Rupees 1,420 for constructing foundation, boiler-bed, and chimney for the steam-hammer in the new Workshops at the Seven Wells are sanctioned.

2. No funds are available for the work during the current official year.
3. This sanction has been registered as Provincial No. 253 B of 1877-78.

(True Extract.)

Colonel, R.E.,
Secretary to Government, P.W.D.

To the District Engineer, Presidency.
„ Examiner of Public Works Accounts, with Estimate.

Exd. S. T. Austin.
Spare Copies

GENERAL
ACCOUNT.

Govt. of (1878) Madras.
PUBLIC WORKS.

To
THE DISTRICT ENGINEER,
PRESIDENCY,
&c., &c., &c.

Dated January 4th.

Issued

Recd.

G. O., 4th January 1878, No. 20 W.

JANUARY.

Nos. 54-55.

Steam-hammer in the new Workshop at
the Seven Wells, Madras. Sanctions plan
and estimate for constructing foundation,
boiler-bed, and chimney for the —

21 MAY 77

Specification Report to accompany an
Estimate for constructing Foundation Boilers and
Chimney for Steam Hammer for the D. F. Store
and Work Shop in the Compound adjoining Seven
wells Madras.

Amount of Estimate Rs. 14500

The foundation for Steam Hammer is to be
made of brick in Mortar over a bed of concrete as
figured in the drawing.

The Masonry bed for the boiler is to be
laid with concrete and a layer of Fire bricks in clay
over it as detailed in the Estimate.

Flues and ash pits are to be constructed
with brick in chunam and fire bricks in clay.

The top and sides of bed are to be
plastered blue.

The chimney to be of octagonal
shape 50 feet in height and to be plastered
with 2 coats Stone chunam and on the top of
the chimney granite Stone to be used.

A Lightning Conductor 10 feet Copper
rod with plate iron tip and 140 feet of 4" Copper
Strap and binders with blocks & nails to be pro-
vided.

Detail dimensions are clearly shown
in the Plan.

Seven Wells

19 May 1877

Mr. [Signature]

J. H. Manger

Assistant Engineer

In charge of New Works Shop

(No. 3564)

From,

The District Engineer,
Presidency.

To,

The Chief Engineer
Buildings & Roads.

Sir,

I have the honor to submit for the sanction of Government and allotment of funds, plans, Specification report and estimate amounting to Rs 1420 for constructing Foundation Boiler Bed and Chimney for the Steam Hammer to be erected in the New Workshops at the 7 Wells.

2. The object and necessity for the work in question as explained by the General Suptt of P.W. Stores &c. are as follow:—

The Hammer cannot be set up without a proper foundation, and a Boiler is required to supply the engine with steam. The Boiler being a Cornish one requires a flue and chimney which must be scientifically constructed. The Steam Hammer is very much needed

Encls.

1. Plan.

2. Sketches.

1. Estimate.

1. Specification
report.

needed for heavy works and principally for making tools. A small Steam Hammer by Cot. was expressly got out from England for this Workshop, and it is an indispensable article in a large Workshop to facilitate work. One was in use at Chepauk and was found very useful in making the tools required for Jamine Works in Bengal.

I have the honor to be

Sir,

Your most obedient servant

W. Thompson

Major Rb

District Engineer

Residence

Fort St George.
27th Sept. 1877.

Geo. G.
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W 1877 Sept

Buildings & Roads.

From

The District Engineer
Presidency

No 3564.

Dated 27 Sept. 1877.

Read 28

Done

No. of Enclosures, 5.

Plan with Librarian
Foundation Boiler Bed
& Chimney - for workshops.

Submitted for sanction on
estimate of Rs 1420 - for
constructing -

18

20/9/77

K.S.

Gen 2-1-78

Genl Secy
No 29 W Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 4th Jan'y 1878

Read the following :-

29/6

From

The Dt. Engr. Presidency (H.S. No. 3564. D of 27 Sept. '77)

The plan and estimate
of Rs. 1420 for constructing
foundation, Boiler bed,
and Chimney for the
Steam Hammer in the
new Workshops at the
Seven Wells are sanc-
tioned.

No funds are available
for the work during the
current official year.

W.F.

31.12.77

Dt. Presidency
Exr. Secy with Estimate

Depd 12-1-78

This sanction has been
registered as Provincial
No 253 B of 1877/78

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Obt. of 1877 Madras

PUBLIC WORKS.

To

Mr W. G. Fraser

Dated

Issued

Recd.

Encl.

G. O., 4 Jan'y 1878, No. 296

Nos.

Steam Hammer in the
Berm Bankholes at the Seven
Wells, Madras. — Sanction
Plan & Estimate for construct-
ing foundation, boiler
bed, and Chimney for
the —

Sanctioned by
S. P. in Rep.