(1) பக்கங்களின் எண்ணிக்கை 36

(2) புதுக்கித் திருப்பிய நாள் 11/88

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

துறை

அரசாணை எண்.
மு. கோப்புத் தாள் எண் 2215/2217 அச்சகம் பலவகை

2217

நாள் : 4-9-1886 108

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

ஆவண. கா-1—18,006—15-6-87.

2220-17
1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following papers :—

From Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 7th August 1886, No. 295 E.W.

Adverting to G.O., No. 1760 W., of 13th ultimo, I have the honor to submit an indent (in duplicate) for a hydraulic crushing tester, and to state that its cost may be met from the lump sum allotment under tools and plant for the current official year for the West Coast division.

Memorandum to the General Superintendent, Public Works Stores, dated 10th August 1886, No. 2736 C.

From H. O'CONNELL, Esq., General Superintendent, Public Works Stores, to the Superintending Engineer, V Circle, dated Madras, 13th August 1886, No. 499 S.

With reference to G.O., No. 1760 W., dated 13th July 1886, forwarded with your letter, No. 2205, of the 12th August 1886, I have the honor to submit indent (in triplicate) on the Home Government for one hydraulic crushing tester required by the Superintending Engineer, IV Circle, prepared in the prescribed form.

2. In pricing the indent in sterling money, I have taken the exchange at 2 shillings the rupee, in accordance with paragraph 4 of the revised rules recorded with G.O., dated 25th January 1886, No. 202 W., Public Works.

3. The papers received with your letter are herewith returned.

Endorsement on the above.

No. 2307.

Forwarded to the Chief Engineer, Public Works Department, through the Examiner of Public Works Accounts.

RED HILLS,
17th August 1886.

(Signed) W. H. BURTON, Colonel, R.E.,
Superintending Engineer, V Circle.

No. 262 S.E., 5th.

Forwarded to the Chief Engineer, Public Works Department, with the necessary certificate.

(Signed) D. C. GORDON,
Examiner, Public Works Accounts.

25th August 1886.

CERTIFICATE by the Examiner, Public Works Accounts.

Number and date of indent or letter with which received.	Description and value of articles indented for.		Work to which the value is chargeable.	Grant. Amount.	Grant. Authority.	Certificate to be initialled by the Examiner.
1	2		3	4	5	6
	Provincial.	£ s. d.	West Coast Division.	Rs.		
S.E.'s (5th) letter, No. 230, dated 17th August 1886.	1 Hydraulic crushing tester.	116 4 0	Tools and plant ..	1,500	G.O., No. 1594 W., dated 23rd June 1886.	I certify that funds to meet the outlay which it is estimated will be incurred in England in connection with this indent during the year 1886-87 have been provided for in the estimates of the Public Works Department to the extent of £ 116-4-0.

MADRAS,
25th August 1886.

(Signed) D. C. GORDON,
Examiner, Public Works Accounts.

From the Superintending Engineer, IV Circle, dated 28th August 1886, No. 153 C.E.W.

ORDER—dated 4th September 1886, No. 2215 W., Public Works.

The indent will be forwarded to the Director-General of Stores at the India Office for compliance.

(Here enter No. 2216 W., dated 4th September 1886.)

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle.
" " " V "
" Examiner, Public Works Accounts.

LETTER—to the Director-General of Stores, India Office, London, dated Fort St. George, 4th September 1886, No. 2216 W.

I am directed to forward, herewith, for favor of compliance, an indent (in duplicate) for an hydraulic crushing tester required for testing the crushing weight and other properties of laterite.

2. A certificate by the Examiner, Public Works Accounts, to the effect that the necessary funds have been provided, accompanies.

G.O., No. 2215 W., dated 4th September 1886.

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

LETTER—to the Secretary to the Government of India, Public Works Department, dated Fort St. George, 4th September 1886, No. 2217 W.

I am directed to forward, for information, copy of my No. 2216 W., of this date, to the Director-General of Stores, accompanied by the triplicate copy of the indent referred to therein.

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

Exd. E. Fernandez.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of {1886} Madras.

PUBLIC WORKS.

Dated September, 4th.

Read.

Encl.

G.O., 4th Sept. 1886, No. 2215, 2216, 2217 W.

SEPTEMBER.

Indent

Forwarding to the Director-General of Stores, India Office, an — for an hydraulic crushing tester to test the properties of laterite.

No. 295
W.

Supg: Engineer's office 4th circle
Coimbatore 7th August 1886.

From,

The Superintending Engineer,
Fourth Circle.

To,

The Chief Engineer,
Public Works Department.

Sir,

Enclosure 1 Indent in duplicate.

Adverting to G.O. No. 1760 W. of 13th ultimo, I have the honor to submit an Indent in duplicate for a Hydraulic crushing Tester; and to state that its cost may be met from the lump sum allotment under Tools and Plant for the current official year for the West Coast Division.

I have the honor to be
Sir,
Your most obedient Servant.

L. Beatty. Colonel R.E.
Superintending Engineer, 4th Circle

No. 2736 C of 10th August 1886.
Forwarded, to the General
Supt. P. W. Stores, with
reference to para 2 of
G. O. No. 1760 W dated
13th July 1886.

Return requested.

/

Sen Campbell, Major R.E.
Dy. Chief Engr: P.W.D.

P.W.C. No. 0138.

From

The Supg. Engineer,
4th Circle, P. W. Depttt.

EXAMINER
No. 2736 C
18 AUG 1886
ENCLOSURES
P. W. ACCOUNTS

Dated 9th
Recd: } Augt: 1886
Rect 7.8.86

No: 295
W.

Encls: 2

Hydraulic Crushing
Tester:—

Submitting an
Indent in triplicate
for a— and stating
that its cost may
be met from the lump
sum allotment under
Tools and Plant

No

W3

No. 1991. P. W. Store Department,

Madras, 13th August 1886.

2205-57/5

From

The General Superintendent,
Public Works Stores,

To

The Superintending Engineer
5th Circle.

EXAMINER
No. 1991
18 AUG 1886
ENCLOSURES
P. W. ACCOUNTS

Sir,

With reference to G.O. No. 1760 W dated
Enclosures 4 13th July 1886 forwarded with your letter No. 2205
of the 12th August 1886, I have the honor to sub-
mit Indent in triplicate on the home Government
for one Hydraulic crushing tester required by the
Superintending Engineer 4th Circle prepared in
the prescribed form.

In pricing the Indent in Sterling money
I have taken the Exchange at 2 Shillings the
para 4. of the Revised rules accepted vide
Rupee in accordance with G.O dated 25th
January 1886 No. 202 W Public Works

The papers received with your letter
are herewith returned

I have the honor to be
Sir
Your Most Obedt Servant
Signed. O'Connell
General Supt. P. W. Stores.

Vi Rgln 255 D.
1756

From

The General Superintendent
Public Works Stores.

To

The Superintending Engineer
5th Circle

Enclosures - 6
1 Original endorsement
No 2736 C dated 10 Augt/86
with its 2 enclosures
1 Indent in triplicate

No 2307.

Forwarded to the
Chief Engineer P.W. Depart-
-ment through the Exami
-ner of P.W. Accounts

Dated 13th
Desp 13th } August 1886.

No 499-S.

W.H. Burton Capt RE.
Superintending Engineer
5 Circle
13th August/86
Red Hills — 3

Submits Indent in Triplicate
on the Home Government for
one Hydraulic Crushing tester
required by the Superintending
Engineer 4th Circle

225 D
6 p5

Endorsement No
262 S.E. 5th dated 24th
August 1886.

Forwarded
to the Chief Engineer
Public Works Department
with the necessary Certificate.

D.C. Gardner

Examiner P.W. Accts
Abadras

No 2950 c of 27th August 1886

Deferred Telegram

To The S.E. IIe Circle.

"your 295 seventh
august. Submit
specification of
hydraulic crusher
to be attached to
indent."

Telgh: dept:
27/8/86.

27/8/86

No 2679 c dy 5-8-86
- 1760 W - 13-7-86
- 2107 c - 9-6-86
- 202 W - 25-1-86
- 399 W - 13-2-86
- 2736 c - 10-8-86
- 1937 W - 4-8-86

Certificate by the Examiner P.W. Accounts.

Grant										Certificate to be initialled by the Examiner	Remarks
Brand date of Indent or letter with which received		Description and value of articles indented for			Work to which the value is chargeable	Amount	Authority				
1		2			3	4	5			6	7
		Provincial		£. s. d.							
S.E.5 letter No. 230 dated 17 August/86		One Hydraulic crushing Tester.		116.4.0	West Coast Dry Dock and Plant	1500	G.O. 1519 dated 23 June/86			I certify that funds to meet the outlay which it is estimated will be incurred in England in connection with this indent during the year 1886-87, have been provided for in the estimates of the P.W. Department to the extent of £116.4.0	

Madras
24th August 1886

Brad.
m/s.

12 3/4

D.C. Jarman

Examiner, P.W. Accounts
Madras
24/8

1886

P. W. DEPARTMENT.

Current No. 6133

From

The Supdtg. Engr. IV 6.

ENCLOS.—

No. 295 E.W.

Dated 7th August.

Received 9th —a—

SUBJECT.

Hydraulic Crushing Tester.

Submitting an Indent in duplicate for a — and stating that its cost may be met from the lump sum allotment under Tools and Plant.

DISPOSAL.

No. 2736 Dated 10th August 1886

Forwarded to the General Supt. P.W. Stores, with reference to para 2 of G.O. No. 1760 W dated 13th July 1884.

Return requested.

(Sd) D. Mc. Campbell, Major R.E.
Dy. Chief Engr. P.W. Dept.

To

The S.E. V circle. Secy 10/8

Instd in P.R. 10/8

Special Indent on England for stores required in the West Coast Division

Name of articles	Remarks	Rate	Value	Remarks	Remarks by the Director General of stores.
Hydraulic crushing testers	Procured	Rs 1162	1162		

Calicut
31st July 1886

Executive Engineer
West Coast Division

Special Indent on England for stores required in the West Coast Division

Name of articles	Remarks as to which part of the Establishment	Imperial Head of Expenditure to which Stores are charged	Estimated cost for each item	Number or quantity required for the Establishment	Number or quantity required for 3 months	Number or quantity required for 12 months	Rate	Value: Per quantity required for 3 months	Value: Per quantity required for 12 months	Remarks	Shipping arrangements to be adopted	Packing to be provided	Remarks by the Director General of Stores.
Hydraulic crushing tester	Provincial	Stores & Plant		"	"	1	Rs 1162	"	1162				

Calicut
31st July 1886

Executive Engineer
West Coast Division

[C. No. 8.]

GOVT. OF MADRAS. } 188 . { P. W. DEPT.

EXAMINER, P. W. ACCOUNTS.

Madras, 28 July 1886.

OFFICE NOTE No. 303

To

W.

G. O. No. 1760 W. dated 13th July 1886.

The amount sanctioned in the G. O. above quoted is Rs. 1,162, but the Abstract Estimate received therewith is for Rs. 930 only. I beg therefore to enclose the latter document for correction and obliging return.

C.

KEEP-WITH Genl. No.

188

dated

Ex. No 1760 W. 13-7-86
In 2107E. 9-6-86
L. 6.202W 25-1-86
3993W 13.2.86

No. 2679 dt. 5-8-86

2211-11/12

Memorandum.

In forwarding herewith a copy of office note No: 308 dated 28th July 1886 received from the Examiner of P. W. Accounts, the undersigned has the honor to request that the Supdtg. Engineer IV circle will be so good as to carry out the necessary alterations in the enclosed estimate and return the same direct to the Examiner of P. W. Accounts.

Lc
30/7/86

To The Supdtg. Engr. IV Circle with the estimate
" Examiner of P. W. Accounts

Cer 2-8-86
Del 5/8/86

W/2117

2-8-86

III. The

Ayk. 147/7
30-7-86 2 Lr. 5-86

22-5-D
13

Specification of a Hydraulic Crushing machine required for testing the Laterite blocks used for building purposes, on the Malabar Coast.

I. The Crusher should be capable of bringing a maximum vertical pressure of five tons to bear, evenly distributed, on the surface of a laterite block, one foot long, by nine inches broad.

II. As the laterite blocks are seldom smaller than one foot long, by nine inches broad, and four inches deep, the receptacle in the crushing machine, that is to receive the material to be tested, should be slightly larger than that size; say twelve and a quarter inches long, by nine and a quarter inches broad, by four and a quarter inches deep.

III. The

III. The machine should also indicate by a conveniently arranged scale the amount of pressure that is being gradually applied.

L. Beatty - Col. RE.,
Dupg. Engineer, 4th Circle.
28/8/86

Note: 1
24-6-15/84

Specification of a Hydraulic crushing machine required for testing the laterite blocks used for building purposes on the Malabar coast.—

Supg. Engineer's Office, 4th Circle.
Camp Cannanore, 28th augt. 86.

No: 153C
Ent.

2211-27
15

From

The Superintending Engineer,
Fourth Circle.

To

The Chief Engineer,
P. W. Department.

Sir,

Encl: 1
specification

No 2950 C 7-7-15/86

As directed in your urgent telegram just received, I have the honor to forward herewith a specification to accompany the Indent for a Hydraulic Crusher to test the quality of laterite.

I have the honor to be,
Sir,
Your most Obedt. servant
L. Beatty - Col: R.E.
Supg. Engineer 4th Circle

P.W.D. No. 67151

No 2950 C. 27.8.86
" 2679 C. 5.8.86
B.No 1760 W. 13.7.86
No 2107 C. 9.6.86
" 2736 C. 10.8.86
9.6.1937 W. 4.8.86
" 3995 W. 13.2.86
" 2025 W. 25.1.86

From (10)

The Supg. Engineer,
Fourth circle.

To

The Chief Engineer
P.W.D.

Dated 28th
Recd: 29th } Augt: 1886.

Read 31.8.86

No. 153 C
Fw.

Enc: 1

Hydraulic Crushers.-

Forwards a specification to accompany the Indent for a —.

Ord 3/9

C. 1.9.86 R. 4.9.86

A

Public Works Department.

Read 22nd Augt
Recd 1 September 1886

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

Letter from the S. E. IV Circle No. 295/EW dy 17th August/86.
Memo. to the Genl: Supt: P.W. Stores " 2736 C dy 10th August/86
From the Genl: Supt: P.W. Stores " 499 dy 13th August/86
Endt. by the S. E. V Circle " 2307 dy 17th August/86
Endt: thereon by Ex: P.W. accts " 262 dy 25th Augt/86.
From the S. E. IV Circle " 153 C/EW dy 28th August/86.

Ordered that the indent will be forwarded to the Director-General of Stores at the India office, for favor of compliance.

(No. 2[illegible] Way Septr/86)

To

The Director General of Stores
India office
London

Sir,

I am directed to forward, herewith, for favor of compliance, an indent in duplicate for an Hydraulic Crushing tester required for testing

S. E. III & V. Circles
Ex: P.W. accts:

the crushing weight and other properties of laterite.

2. A certificate by the Examiner P.W. Accts. to the effect that the necessary funds have been provided, accompa= =nies.

(M.E. No. Way Sept. 86)

To

The Secy: to the
Govt: of India
P.W. Dept.

Sir,

I am directed to forward, for information, copy of my No. W of this date, to the Director General of Stores, accom= =panied by the triplicate copy of the indent re= =ferred to therein.

G.O. No. Way Sept. 86

cc.w
11/9/86

1/9/86

2.9.86

C. 1.9.86 C. 1.9.86
C. 1.9.86 C. 1.9.86

6715

Govt. of Madras. 1886

PUBLIC WORKS.

3/9/86

Dated

Rec'd. Encl.

G.O., 4th Sept. 1886, No. 2215 to 2217

For the collection

Indent

Forwarding to the India Director General of Stores, India office, and for an hydraulic crushing tester to test the properties of laterite.

Indent

Ans — for an hydraulic crushing tester to test the properties of laterite, to be forwarded to the Director General of Stores, India office, for compliance.

Indent

Ans — for an hydraulic crushing tester to test the properties of laterite, forwarded to the Director General of Stores, India office.

Indent

Copy of letter to the Director General of Stores, India office, forwarding ans — for an hydraulic crushing tester to test the properties of laterite forwarded to the Govt of Madras.

(C)

Ord 4/9 Sept