

- (1) பக்கங்களின் எண்ணிக்கை 14
 (2) புதுக்கித் திருப்பிய நாள் 8/89
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் 10/89

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

(52)

P. W. 7 துறை

அரசாணை எண்.	<u>2244</u>	அச்சகம்
மு. கோப்புத் தாள் எண்.		பலவகை
நாள் :	<u>16.8.1989</u>	1989

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

75000

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21st FEBRUARY 1889, Nos. 529, 530, 531 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

2244

READ—the following papers:—

From Lieutenant-Colonel S. C. CLARKE, R.E., General Superintendent, Public Works Stores, &c., to the Superintending Engineer, V Circle, dated Madras, 21st December 1888, No. 1263 S.

I have the honor to forward, for submission to the Government, the annual indent (in triplicate) for the Public Works stores required from England for the coming year 1889-90.

2. The abstract of the estimates received from the several divisions amounted to £8,526-14-10½ as per this office No. 1049 S., dated 13th November 1888, but, owing to the allotment having been fixed by the Government at Rs. 40,000, the total of the accompanying indent has been reduced accordingly.

3. By order of the Chief Engineer for Irrigation, the requisite number of iron-girder bridges for the Rushikulya canal has been entered in the last page of the indent, the approximate cost of which amounts to Rs. 15,350 or £1,535.

4. A drawing of the steam hammer taken from the advertisement catalogue and a tracing of the iron joists required for the Dowlaishweram workshops and the Nellore division, respectively, are enclosed for reference.

ENCLOSURE.

PUBLIC WORKS STORES.

Provincial Budget for 1889-90.

Requirement of funds for payments on account of London stores expected in 1889-90 and for expenditure in India for tools and plant and timber in 1889-90.

Provision for payment in England.

Particulars.	Amount.		
	RS.	A.	P.
Value of London stores required as per indent for 1889-90, £5,535-13-4½ at 2s. per rupee	55,356	11	2
Provision for Indian expenditure.			
Amount required for purchasing tools, &c., of Indian manufacture	1,000	0	0
Amount required for purchasing 150 tons of teakwood at Rs. 112-8-0 per ton	16,875	0	0
Amount required for repairing instruments, tools and machinery	3,000	0	0
Carriage for tools and plant	7,000	0	0

MADRAS,
21st December 1888.

(Signed) S. C. CLARKE, Lieut.-Colonel, R.E.,
General Superintendent, Public Works Stores.

No. 4528.

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

22nd December 1888.

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

Office-note from the Examiner of Public Works Accounts, dated Madras, 14th February 1889, No. 198.

The accompanying letter from the Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, No. 4528, dated 22nd December 1888, with an indent for English stores, for transmission to the Secretary of State, is forwarded for necessary action with the usual certificate.

Certificate.

I certify that funds to meet the estimated outlay in England in connection with this indent during the year 1889-90 will be provided by the Local Government to the extent of £1,535 in the estimate of the Public Works Department for that year.

(Signed) C. H. P. CHRISTIE, Major, R.E.,
Examiner, Public Works Accounts.

Office-note from the Examiner of Public Works Accounts, dated Madras, 14th February 1889, No. 199.

The accompanying letter from the Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, No. 4528, dated 22nd December 1888, with an indent for English stores, for transmission to the Secretary of State, is forwarded for necessary action with the usual certificate.

Certificate.

I certify that funds to meet the estimated outlay in England in connection with this indent during the year 1889-90 have been provided by the Local Government to the extent of £4,000-13-4½ in the estimate of the Public Works Department for that year.

(Signed) C. H. P. CHRISTIE, Major, R.E.,
Examiner, Public Works Accounts.

ORDER—dated 21st February 1889, No. 529 W., Public Works.

With his letter above recorded, the Superintending Engineer, V Circle, submits the annual home indent for articles of European manufacture required by the Public Works Department during 1889-90, together with the budget estimate of expenditure in India for tools and plant and timber required for the same year.

2. As the cost of timber will be debited to "Stock," it should not have been included in the estimate of stores which will be a charge to "Tools and plant."

3. A sum of Rs. 40,000 has been provided for London supplies in the preliminary issue of the Provincial budget for 1889-90, and the Chief Engineer for Irrigation will arrange for the necessary provision being made in the irrigation budget for 1889-90 to meet the cost of the iron-girder bridges required for the Rushikulya canal. The question of providing funds required to cover expenditure in India will be considered in the orders on the statements of demands for incomplete works, repairs, and tools and plant.

4. Ordered that the indent be forwarded to the Director-General of Stores, India Office, and a copy to the Government of India for information.

(Here enter Nos. 530-531 W., dated 21st February 1889.)

(True Extract.)

(Signed) H. R. MEAD, Colonel, R.E.,
Ag. Secretary to Govt., P.W.D.

To the Superintending Engineer, V Circle.
" Examiner, Public Works Accounts.
" Chief Engineer for Irrigation.

LETTER—to the Director-General of Stores, India Office, London, dated Fort St. George, 21st February 1889, No. 530 W. 2261

I am directed to forward, herewith, the annual indent (in duplicate) for stores required by the Public Works Department during 1889-90, together with the required certificates * by the Examiner of Public Works Accounts.
* Vide Proceedings of Government, No. 529 W., dated 21st February 1889.

(Signed) H. R. MEAD, Colonel, R.E.,
Ag. Secy. to Govt., P.W.D.

LETTER—to the Secretary to the Government of India, Public Works Department, dated Fort St. George, 21st February 1889, No. 531 W.

I am directed to forward, for the information of the Government of India, copy of letter to the Director-General of Stores, No. 530 W., dated 21st February 1889, accompanied by a copy of the annual indent referred to therein.

(Signed) H. R. MEAD, Colonel, R.E.,
Ag. Secretary to Govt., P.W.D.

Exd. A. D. Xavier.
Spare Copies

GENERAL
ACCOUNT.

Govt. of {1889} Madras.
PUBLIC WORKS.

Dated February, 21st.

Recd.

Encl.

G.O., 21st Feb. 1889, Nos. 529 W.,
530, 531 W.

FEBRUARY.

English Stores

Forwarding copies of letter to the Director-General of Stores transmitting annual indent for — required during 1889-90.

28TH MAY 1889, No. 1414 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following paper:—

From A. A. JOPP, Esq., Director-General of Stores, to the Secretary to the Government of Madras, Public Works Department, dated India office, Whitehall, S.W., 3rd May 1889, No. S. 5690.

With reference to a demand for six gallons of black varnish for theodolites contained in the Madras Public Works indent No. 1 of the 21st December 1888, forwarded with your letter No. 530 W. of the 21st February 1889, I annex a recipe for making the varnish which has been furnished by Messrs. T. Cooke and Sons, the instrument-makers, of York, from which it will be seen that it should be made a few hours only before using.

2. In these circumstances no steps will be taken for the supply pending a further expression of your wishes as to whether any materials for making the varnish should be provided.

ENCLOSURE.

The black lacquer must be made a few hours only before using; it is made by mixing with a palette knife a small quantity of vegetable black with the bright lacquer until quite fine, then strain through muslin and apply in very thin coats to the work which must be moderately heated.

ORDER—dated 28th May 1889, No. 1414 W., Public Works.

Communicated to the Superintending Engineer, V Circle, with reference to G.O., No. 529 W., dated 21st February 1889. The recipe in question is herewith circulated to all officers of the department for information and guidance.

(True Extract.)

(Signed) R. R. E. DRAKE-BROCKMAN, Lt.-Col., R.E.,
Ag. Joint Secy. to Govt., P.W.D.

To Superintending Engineers.
To the Consulting Architect to Government.
" Chief Engineer for Irrigation.

Exd. J. Henricus.
Spare Copies

22428

3

GENERAL.
ACCOUNT.
Govt. of {1889} Madras.
PUBLIC WORKS.

Dated May, 28th.

Recd.

Encl

G.O., 28th May 1889, No. 1414 W.

MAY.

Black Varnish for Theodolites
Letter from the Director-General of Stores,
India office, forwarding a recipe for making
—, and stating that the supply indented for
will not be furnished, communicated to the
officers concerned.

No 3573

P. W. Stores.
Madras 26 July 1889

From Lieut Col S. C. Clarke R.E.
General Superintendent
Public Works Stores.

To
The Superintending Engineer
22nd Circle
Sir

With reference to the G.O.
No 1414 W of the 28 May forward-
ing the Director General's Letter No
L 5690 of the 3rd May 1889 objecting
to supply the "Varnish" indented for
by this Department, I have the honor
to inform you that I have tried
to obtain the "Vegetable black", one
of the requisite ingredients of the
varnish, from the Chemists in
Madras, but one and all have
declared their inability to supply
the same

Under these circumstances
I must ask you to request the
Government to address the Director
General of Stores on the subject

I have &c
Sd/- S. C. Clarke R.E.
Genl Supt P.W. Stores
M

No 2329.

Forwarded to the Chief
Engineer P.W. Department, with
reference to G.O. No 1414 of 28 May
1889

2. As Vegetable black is not
procurable in the local markets,
it should be obtained from the
Director General of Stores India
office.

Wardington.

Supdg: Engineer Col R.
Circle

7 July 89
Depd II —

2R. C.B.

5

Fr. Acc. 1414 W of 28-5-89
" " 529-30-31 W of 21-2-89

PTWC No 6448
From (2)

The Supdy. Engineer
of Circle

To

The Chief Engineer
P.W. Department

Dated: 7th July 1889.
Recd: 13th July 1889.

Enclosures.

No 2329
No. 3328 C of 22-5-89
Vegetable black—

Forwarding
the 4 sub Superintendents
letter No 3575
dated 4 July 1889
regarding his inability
of procuring the —
in the local markets
with reference to G.C.
no 1414 W of 28 May
1889.

No. 3328 C of 22 July 1889 P.W.D.

For the Hon. or General

Calcutta

2246

Sir,

2246

In forwarding a
copy of the Pro. of this
for. no 1414 W of 28th
May 1889, I have the
honour to inquire whether
black varnish for
the bolides is made
up in the Mathematical
Instrument Dept at
Calcutta, & if so,
how "vegetable black"
one of the ingredients,
is procured.

The General Super
P.W. Stores Master
declares his inability
to obtain the material
here — & W.M.
17.7.89 187

No. 1896.

Survey of India Department,
SURVEYOR GENERAL'S OFFICE,
13, WOOD STREET,

Calcutta, 2nd August 1889.

FROM

THE ASSISTANT SURVEYOR GENERAL,

In charge *Surveyor General's office*

TO

*The Under Secretary
to the Government of Madras
Public Works Department*

SIR,

In reply to your letter No. 3328 C.
dated 22nd July 1889, I am directed to
inform you that Black Varnish for
Theodolites is some times made up in
the Mathematical Instrument office,
but its manipulation requires care and
experience. Lamp black is used instead
of vegetable Black.

2. The Mathematical Instrument
office can supply the materials and
more detailed information if necessary.

I have the honour to be,

Sir,

Your most obed^t. Servant.

W. D. Nes Lieut. Col. R. S.

Assistant Surveyor General
In charge Surveyor General's office

In any reply to this communication, its number, date, and distinguishing letter should be quoted.

(2)

No. 3328 C of 22nd July 1889

J. C. M.
22/7/89

Oct. 9/1889

24/7

17/7 11 20 7 8

(6)

Communicated to
the Subj. Supp. to all
the English Books & Cards
with reference to his
Cards. No 2329 of 7.
List No 2829772
July 1889.

July 1889

Wm
g. s. d.

10. 8. 81

1270 ✓ 1270
S.S.V. 1270
1270-1270

Oct. 5/80
9/80