

No. 2889 Wd/Dec 3. 1885

In the circumstances reported, sanction is accorded to the local purchase of 70 tons of English Portland cement for use in the Presidency Division. This amount includes the 3 tons sanctioned in para 1 of G.O. 2720 Wd/13.11.85

2. The action taken by the Supt. Engineer in authorising the local purchase of 36 tons of English Cement without previous sanction was irregular. His attention will be directed to paras 2 & 3 of Appendix I Public Works Code.

Sd/-
1/12/85

S. G. V. Cycle. V.
G. P. W. Secy. Dated 4-12-85

From

THE SUPERINTENDING ENGINEER,
V. CIRCLE,

To

THE Chief Engineer,
P. W. D.



Dated 25th } November 1885.
Reed. 31

ENCLOSURES. 1

No. 2889 Wd/Dec 3. 1885

No. 3649

Portland Cement -
Requests authority for the purchase of 70 tons of - during the current year.

1885

P. W. DEPARTMENT.

Current No. 8810

From The Supty Engineer
V Circle

ENCLOS.—

No. 2902

Dated

6th } October 1885.

Received

9th

SUBJECT.

Portland Cement - Requesting
Sanction for the purchase of at
private firms in Madras by
Engrs. Sundry —

DISPOSAL.

No. 2299 D. of 12th October 1885

No.

Dated

To

C.

For remarks.

A. J. &

D. W.

SUPERINTENDING ENGINEER'S OFFICE,

5TH CIRCLE, MADRAS,

Chepauk, 6th October 1885.

ENDING ENGINEER,

5TH CIRCLE,

Chief Engineer
P. W. Department.

I think the S. E. might
be asked to state whether
there is any objection to
the purchase of cement
of Indian manufacture.
Have not circulars been
recently issued on this
point?

W.
1-11-85

Executive Engineer
Division has purchased
a firm in Madras
English Portland
Cement and 1/2 tons in
July for sanc-
tion in progress at
the material not being
at P. W. Workshops, it
will be wait till a
received from England,
Cement be reserved in
so very perishable in a
state of there is insuffi-
as Cement in the market
always as trustworthy as
English

No. 2902

SUPERINTENDING ENGINEER'S OFFICE,
5TH CIRCLE, MADRAS,
Chepauk, 6th October 1886.

From

THE SUPERINTENDING ENGINEER,
5TH CIRCLE,

To

THE

Chief Engineer
P. W. Department.

SIR,

Enclosures.

The Executive Engineer
Presidency Division has purchased
at a private firm in Madras
 $1\frac{1}{2}$ tons of English Portland
Cement in June and ^{$\frac{1}{2}$ tons in} July for sanc-
tioned works in progress at
Madras, the material not being
obtainable at P. W. Workshops, it
was not possible to wait till a
supply ^{was} received from England,
nor can this cement be preserved in
stock being so very perishable in a
damp climate & there is insuffi-
-ent Madras Cement in the market
even if it was always as trustworthy as
English

English Cement.

The Examiner raises objections to
disbursement of the outlay, so incurred
on the Cement under paras 2 & 3
of Appendix J of the P. & R. Code.

I have therefore the honor to request
that sanction may be accorded
for the above purchase viz of 3 tons
to enable the Examiner to remove
the objection and to the further
purchase of 6 tons.

I have the honor to be

Sir,

Your Most Obedt Servt

W H Wharton.

Esq. ^{10th Dec.}
Superintending Engineer
5th Mile.

325
12-10-88
No. 2299 D of 12th October 1885
To C

For remarks.

Att
D.W.

To. D. W. No. 567
15/10/85

Please see paras 2 and 3 of Appendix I of the Code.

DC

L.
H. 14
10

1005 W of 14/10/85
1022 C of 17/10/84
10357 D of 14/12/83
The purchase of 3 tons of cement is sanctioned accordingly as a special case.

2. Before purchasing the further quantity required the Supt. Engr. will report the price of the cement in the local market as compared with the cost if obtained from England.

Att
E. & C. Oct. 19. 1885

From
THE SUPERINTENDING ENGINEER,
5TH CIRCLE,

To
THE Chief Engineer
P. W. D.

Dated 6th
Recd. 9/10 October 1885.

ENCLOSURES.

No. 2902

Portland Cement—
Requests sanction for the purchase of— at private Firms in Madras by the Executive Engineer, Presidency.

No. 2720 W

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 13th Nov. 1885

Read the following

From the S.E. V Circle No. 2902 of 6th Oct/85
the Examiner P.W. accounts } 567 of 15th do

The local purchase by the Executive Engineer Presidency Division of 3 tons of English Portland Cement is sanctioned.

2. With respect to the further 6 tons required, the Suptg. Engr. will report, with advice to G.O. No. 1886 W

of 14th August 1885,
whether there is any
objection to the pur-
-chase of cement
of Indian manufacture.

W.S.C.
5/11/85
W.S.
5.11.85

No 2720 Wd Nov 13. 1885

B 11
13/11

S.E. V Circle
Ex: P.W. acct

Dec 14-11-85

No. 3649.

SUPERINTENDING ENGINEER'S OFFICE,
V CIRCLE, MADRAS,
Chepauk, 25 November 1885.

From

THE SUPERINTENDING ENGINEER,
V CIRCLE,

To

THE Chief Engineer,
Public Works Deptt.

SIR,

Enclosures.

With reference to G.O. No. 2720 W
of 13th November 1885, I have the
honor to state that I was in error,
when writing my report No. 2902
of 6 October 1885, in asking for
sanction to the purchase of only
3 tons English Portland Cement:
the quantity actually purchased
up to this date is 36 tons. This
mistake arose from an incorrect report of the Asst. Eng.
With respect to the further
quantity of Portland Cement
required during remainder of
the current year in the Presidency
Division, this will probably amount
to 34 tons. (Until now (see copy of
letter from the Madras Portland
Cement Works, dated 20 November
1885 enclosed) the only objection
there

there was to the purchase of locally manufactured cement was the fact that the Manager Cement Works refused to take back any cement which I might have purchased and found deficient in strength after applying the usual test.

On two buildings in Madras.

(Government Museum ^(a) and Industrial School ^(b)) where I

(a) March 1883.

(b) April 1883.

caused two contractors to use a large quantity of this cement and at ~~the~~ time when I had (as I have now) no means of testing it, the whole failed shortly after it had been used, and the Manager Cement Works refused to issue any more in lieu thereof. Even now in his letter of 20th November 1885 he states no particular strength which Madras cement is guaranteed to possess on testing - so there

is

is no absolute certainty that this cement will be taken back if found deficient in strength as compared with English.

When last sample was tested in May 1885 in the Division ^{good Madras cement} it was found to have a tensile strength of 24.3 lbs per square inch, whilst that of the English was 32.6 lbs.

Messrs Taylor & Co. of Madras now are advertising English Portland cement manufactured by Messrs John Bayley White & Brothers (Ld.) capable of bearing a tensile strain of 400 lbs to 500 lbs per square inch, and although that and other English cement sold in Madras may not come up to this strength of 500 lbs: yet it is superior to the Madras cement, and consequently will carry more sand mixed with it.

Again the English cement is uniform in colour - an important point - whereas in Madras (none is used at Bangalore) it

it is used almost entirely for exterior plastering work.

It is under these circumstances that I would request your authority for a total purchase ^{in the Presidency Division} of 70 tons English Cement during the current year.

Have the honor to be
Sir,

Your most obedient servant.

W. H. Whiston. Col. R.E.
Offg. Supg. Engineer S. Circle.

Portland Cement Works.
Madras - 20 Nov. 1885.

No.

Colonel Burton R.E.
Executive Engineer
Residence Division.

Sir - I have the honor to inform you that an entire set of new first class grinding machinery has been erected at the Cement Works, also 2 large weathering stores, placing me in a position to supply a really first class and thoroughly reliable cement in any quantities. The strength is guaranteed, and any cement found not up to the mark may be returned.

Soliciting the favor of your orders.

Have &c.

W. H. Whiston,
Manager, Cement Works.

(True copy)

W. H. Whiston. Col. R.E.
Offg. Supg. Engineer S. Circle.