GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

18th March 1882, No. 716 W.

General.
Account.

Read the following paper :—

No. 137. Proceedings of the Government of Madras in the Financial Department, dated 15th March 1882, No. 329 (Mis).

No. 137-A. Proceedings of the Government of India in the Department of Finance and Commerce, (Stores,) dated Calcutta, 2nd March 1882, No. 1280.

Read again the under-mentioned papers regarding the substitution of goods of *bonâ fide* Indian manufacture for European stores :—

Financial Resolution No. 2777, dated 1st September 1881.
" " 806, dated 10th February 1882.

Read also—

Letter No. 2551 P., dated 18th February 1882, from Messrs. Burn & Co., Managing Agents of the Indian Portland Cement Company, Limited.

Resolution.—In the Resolution read above, the Governor-General in Council directed that whenever Portland cement was required for the public service in India, it should be obtained of Indian manufacture. The Managing Agents of the Indian Portland Cement Company, Limited, now say that the Company has determined to erect, at a cost of Rs. 4,50,000, new works to enable them to meet the increasing Government demand. They represent that they "would like to have their hands strengthened by contracts from Local Governments as authorised by the Supreme Government," and they request that the attention of the various Departments and local authorities interested may be called to the establishment of the additional works at Raniganj, "with the view of entering into contracts for a supply of the cement for a period of five years." His Excellency the Governor-General in Council has no objection to making known the information communicated by Messrs. Burn and Co., in order that Local Governments and Administrations or Public Departments may contract for a term of years not exceeding five if they find that they can rely on obtaining cement of good quality and at prices not higher than the market prices ruling at the time of delivery for imported cement of equal quality.

Ordered, that the foregoing Resolution be communicated to all Local Governments and Administrations and to the Public Works Department for consideration, and to Messrs. Burn & Co. for information.

Also, that it be published in the *Gazette of India* for general information.

(Signed) J. E. O'CONOR,
Asst. Secy. to the Govt. of India.

COPY to the Public Works Department.

2. There are, it is observed, cement works in this Presidency.

(Signed) C. D. MACLEAN,
Under Secretary.

No. 138. ORDER THEREON, 18th March 1882, No. 716 W.

COMMUNICATED to the officers of the Public Works Department, for information, also to the Superintendent of the Harbour Works.

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.WD.

To the Chief Engineer for Irrigation.
,, Consulting Engineer for Railways.
To Superintending Engineers.
To the Consulting Architect to Government.
,, General Superintendent, Public Works Workshops.
,, Superintendent, Madras Harbour Works.

Exd. S. T. Austin.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of {1882} Madras.

PUBLIC WORKS.

To

THE CHIEF ENGINEER FOR
IRRIGATION,
&c., &c., &c.

Dated March, 18th.

Issued

Recd. *Encl.*

G.O., 18th March 1882, *No.* 716 *W.*

MARCH.
Nos. 137-138.

Portland Cement of Indian manufacture.—Resolution of the Government of India on the subject of obtaining—from Messrs. Burn & Co., Managing Agents of the Indian Portland Cement Co., Limited, communicated to the officers of the Public Works Department for information, also to the Superintendent, Madras Harbour Works.

10TH MAY 1882, No. 1182 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

No. 64.

READ—the following letter from Major L. CONWAY-GORDON, R.E., Under Secretary to the Government of India, Public Works Department (Account—General), to the Secretary to the Government of Madras, Public Works Department, dated Simla, 26th April 1882, No. 190 A.G.:—

In continuation of Public Works Department Circular No. 20 of 1880, and with reference to this office docket No. 164 A.G., dated 17th March 1882, I am directed to forward, herewith, copy of a letter* received from the Government of Bengal pointing out the existing agreement with Messrs. Macallister and Company, under which Government is liable to purchase 5,000 barrels of cement annually for five years from the Indian Portland Cement Company.

2. I am to invite attention to the agreement alluded to therein, and to request that all applications for all Portland Cement needed or likely to be needed from the Indian Portland Cement Company may be made through the Government of Bengal.

* No. 1071 E., dated 29th March 1882.

ENCLOSURE.

From H. C. LEVINGE, Esq., Secretary to the Government of Bengal, Public Works Department, to the Secretary to the Government of India, Public Works Department, dated 29th March 1882, No. 1071 E.

I am directed to acknowledge the receipt of your endorsement, No. 164 A.G., of the 17th instant, forwarding a Resolution of the Government of India in the Department of Finance and Commerce, with regard to the supply of Portland Cement to Local Governments by the Indian Portland Cement Company.

In the letter No. 4421 I., of the 9th November 1880, from the Joint Secretary to the Government of Bengal, Public Works Department, Irrigation Branch, the agreement with Messrs. Macallister and Company, under which Government was put under an obligation to purchase 5,000 barrels of cement annually for five years from the Indian Portland Cement Company, was fully reported to the Government of India. This agreement is still in force, and 3,311 barrels have been purchased under it from the Indian Portland Cement Company during the year ending 30th September 1881, being 1,689 barrels short of that which Government was bound under the agreement to purchase during the year.

The reports that have been received from Local Governments and Administrations with reference to their probable requirements during the current year indicate that the full quantity of 5,000 barrels will hardly be consumed; and the probability is that the Indian Portland Cement Company will claim compensation for the difference between the actual purchases of Government and the quantity which Government bound itself to purchase during the period the agreement is in force.

Under these circumstances, I am to suggest that Local Governments may be fully informed of the terms of agreement already existing between the Secretary of State and the Indian Portland Cement Company, with a view to preventing their entering into further agreements with that Company under which Government may be bound to purchase further quantities of cement than what they are already liable for under the existing agreement with that Company.

No. 65.

Order—dated 10th May 1882, No. 1182 W., Public Works.

Communicated to officers of the Public Works Department and the Superintendent, Madras Harbour Works, for information, in continuation of G.O., No. 716 W., dated 18th March 1882.

(True Extract.)

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

To the Chief Engineer for Irrigation.
,, the Consulting Engineer for Railways.
,, Superintending Engineers.
,, the Consulting Architect to Government.
,, the General Superintendent, Public Works Stores.
,, the Superintendent, Madras Harbour Works.

Exd. A. F. Goodall.
Spare Copies

GENERAL.
ESTABLISHMENT.

Govt. of {1882} Madras.

PUBLIC WORKS.

Dated May, 10th.

Recd. *Encl.*

G.O., 10th May 1882, No. 1182 W.

MAY.

Nos. 64-65.

Portland Cement.

Letter from the Government of India relative to the purchase from the Indian Portland Cement Company of —, communicated to the officers of the Public Works Department.

14th December 1883, No. 3577 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

Read—the following letter from H. C. LEVINGE, Esq., Secretary to the Government of Bengal, Public Works Department (Establishments), to the Secretary to the Government of Madras, Public Works Department, dated Calcutta, 1st December 1883, No. 4142 E. :—

With reference to the orders of the Government of India, Public Works Department, marginally noted, I am directed to forward copy of a letter, dated the 21st ultimo, from Messrs. Finlay, Muir and Co., Agents, Indian Portland Cement Company, Limited, reporting that no cement is being manufactured at the works of the Indian Portland Cement Company at present, and to suggest that, until the manufacture of cement is resumed by the Company, arrangements for your supply of that article may be made in the open market.

Circular No. 20 P.W., dated 22nd December 1880.
Letter No. 190 A.G., dated 26th April 1882.

Enclosure.

From Messrs. FINLAY, MUIR and Co., for Agents, Indian Portland Cement Company, Limited, to the Under Secretary to the Government of Bengal, Public Works Department, dated Calcutta, 21st November 1883.

In reply to your letter, No. 4022 E., of yesterday's date, there is no cement being made at present at the Raneegunge or Sealdah works of the Indian Portland Cement Company, Limited.

Order—dated 14th December 1883, No. 3577 W., Public Works.

Communicated to officers of the Public Works Department for information, in continuation of G.O., No. 1182 W., dated 10th May 1882.

(True Extract.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To the Chief Engineer for Irrigation.
„ Consulting Engineer for Railways.
To Superintending Engineers.
To the Consulting Architect to Government.
„ General Superintendent, Public Works Stores.
„ Superintendent, Madras Harbour Works.

Exd. A. Aubert.
Spare Copies

GENERAL.
ESTABLISHMENT.

Govt. of 1883 Madras.

PUBLIC WORKS.

Dated December, 14th.

Recd. *Encl.*

G.O., 14th Dec. 1883, No. 3577 W.

DECEMBER.

Cement

Letter from the Government of Bengal suggesting the purchase of — in the open market until the manufacture of that article is resumed by the Indian Portland Cement Company, communicated to the officers of the Public Works Department.

P. W. DEPARTMENT.

No. 1862 C. dated 17th. November 1884.

MEMORANDUM.

Copy of the following communication from Messrs. Arbuthnot & Co. Madras is circulated to officers of the Public Works Department for information :-

" We recently directed our Manager at the Cement works "to supply cement in any quantities to Public Works Department at "a uniform rate of Rs 40 per ton. We have been in the habit "of charging a higher rate for quantities less than 10 tons, "which does not seem quite fair considering that practically "all the orders come out of one Department. We have therefore "decided to allow the reduced rate to all D.P.W. orders"

(By Order)
C. Bowen Major.R.E.
Dy Chief Engineer P. W. D.

To

The Suptg. Engineers.
Supt. M. H. Works.
Cong. Archt. to Govt.

No 1886 Wa/14th August/85.

Communicated to officers of the P. W. Dept. for information, in continuation of G. O. No 3577 W of 14 December 1883.

(Signed).

Chief Engr: for Irrign.
Consg: Engr: for Rys:
Supdg: Engineers
C. A. to Govt.
Supt. M. H. Works.

P. W. D.

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
GENERAL.

To

Circular No. VII P.W.
Dated July 17, 1885.
Received

No 1886 Wa/14th August/85

The use of Portland Cement manufactured by the Portland Cement Company,

Govt. C. B. Press, Simla.—No. 223 P.W.D.—19-7-85.—967.

With order

[*For Heads of Departments.*]

Circular No. VII P. W.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

GENERAL.

Simla, July 17, 1885.

- The Governments of Madras, Bombay, Bengal, North-Western Provinces and Oudh, and the Punjab, in the Public Works Department.
- The Chief Commissioners, Central Provinces, British Burma, Assam, and Coorg.
- The Resident, Hyderabad.
- The Agents to the Governor General for Central India, Rajputana, and Beluchistan.
- The Inspector General of Military Works.
- The Director General of Railways.
- The Director General of Telegraphs in India.

The following is forwarded to the Local Governments, Administrations, and Officers marginally noted, for information and guidance.

By order,

A. B. SAMPSON,
Under Secy. to the Govt. of India.

Extract, paragraphs 2 and 3, of a letter No. 132 M., dated 14th March 1885, from the Secretary to the Government of India, Public Works Department, to the Directors of the New Indian Portland Cement Company.

2. There are two points on which your Company is desirous of obtaining the orders of Government. These may be briefly summarised thus:—

I. That the Government of India should guarantee to purchase a definite quantity of cement within a given time and make an immediate advance of payment to be recovered by instalments.

* * * *

3. With reference to the first of these, I am to say that the Government of India will be prepared to encourage the industry which your Company has inaugurated in India, by instructing its officers to use, as far as possible, the cement made by your Company in all works for which it is proved to be suitable and economical; but that it cannot advance money in anticipation of delivery, nor guarantee any definite consumption.

25th January 1886, No. 202 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following letter from Colonel W. S. TREVOR, R.E., Secretary to the Government of India, Public Works Department (Civil Works—Miscellaneous), to the Secretary to the Government of Madras, Public Works Department, dated Fort William, 12th January 1886, No. 12 M. :—

I am directed to communicate, for your information and guidance, the accompanying revised rules laying down the procedure to be followed in future in obtaining stores from England for the Public Works Department, other than railway stores, and to request that they may be brought into operation at once.

2. I am to invite your attention to paragraph 3 of Finance Department resolution No. 185, dated 10th January 1883, under which alone English stores may be purchased in this country; and to state that, whenever English stores are authorised to be purchased locally, the reasons for allowing the purchase must be placed on record, as well as the probable estimated loss or gain caused by adopting such a course.

3. The Examiner of Public Works Accounts should be furnished with a copy of each order issued under the preceding paragraph, and should be requested to enter and attach its substance to the annual return under paragraph 23 of the Finance Department resolution quoted above.

4. I am further to point out that, under the rules in force, the purchase of English stores by means of orders given to agents or firms in India, who have to send such orders to England for execution, is absolutely prohibited. If any case of such a nature should occur, it should be seriously noticed and should be forwarded, together with the orders passed thereon, to the Government of India for information.

Enclosure.

Revised rules for procedure in obtaining stores from England for the Public Works Department, other than railway stores.

Indents for Public Works stores, other than railway stores, so long as they are within the grant assigned for the purpose for expenditure during the year, should be sent direct by the Secretaries in the Public Works Department of the several local Governments and Administrations to the Director-General of Stores, India Office.

2. All indents transmitted to the India Office must be in duplicate, and must give full particulars, and be accompanied by all information likely to be of use in guiding their supply. One copy of each indent and of the documents accompanying should be simultaneously sent to the Government of India in the Public Works Department. If the indents are not printed at the time of first despatch, one manuscript copy only need be sent to the India Office, and one manuscript copy to the Government of India. On being printed subsequently, two printed copies should be sent to the India Office, and one to the Government of India.

3. Indents must be made out only on the authorised form as at present in use. Calculations and specifications must be clear and complete, and must be accompanied by all necessary drawings, models, or samples; the indenting officer being responsible that all information necessary for an accurate and complete comprehension of his wants is given.

4. English money, weights and measures are alone to be used in all indents sent to England and in all correspondence thereon, the money values being entered in conventional sterling at two shillings per rupee.

5. Indents are to be numbered progressively; and should, in addition, have each item numbered consecutively, commencing from unit (1) upwards in each indent. Particular attention must be devoted to this, so that the quotation of the number of an indent and the number of an item may fully identify the article in question.

6. Stores intended for Provincial, as well as for Imperial services, may be included in the same indent; but in such cases the only fund heading to be entered must be "Provincial," subsequent adjustments being made in India.

7. Indenting officers are responsible that the store lists of neighbouring administrations and railways have been, as far as possible, searched, and that none of the items entered can be advantageously procured from such sources.

8. If any indent on England contains items which it is possible to obtain of Indian manufacture, or of indigenous origin, it should be distinctly explained on the face of the indent in the column of remarks why such articles have been indented for from England instead of having been procured in India; otherwise they will be liable to be cancelled.

9. Each indent must carry a certificate of the necessity for the stores indented for, and that they cannot be advantageously procured of local manufacture, or from surplus stores of other departments, railways, or administrations.

10. The Examiner of Public Works Accounts should attach a certificate to each indent to the following effect:—

"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 18 18 , *have been provided for in the estimates of the Public Works Department to the extent of £* ."

or, when necessary, in place of the words italicised—

"*will be provided by the Government of India* in the estimates of that year,* vide *Government of India letter, No. , dated* ;"

and, when it is expected that the outlay will be incurred partly in one year and partly in another year, the following addition should be made to the certificate:—

"and that the balance of the estimated outlay in England, or £ , will be provided by the Government of India* in the estimates of the year 18 18 , *vide* Government of India letter, No. , dated ."

11. It must be remembered that the Director-General of Stores will not proceed to consider an indent, if transmitted in an incomplete form.

12. Local Governments and Administrations are authorised to communicate freely with the Director-General of Stores, India Office, regarding future requirements and on all matters connected with the supply of stores; this power may, at the discretion of the Local Government or Administration, be delegated to Superintending Engineers.

13. The Examiner of Public Works Accounts will send forward monthly to the Accountant-General, Public Works Department, a statement showing—

(I)—The grant for outlay in England during the year.
(II)—The number and amount of each indent certified during the month just closed.
(III)—The amount of the grant for the year actually apportioned up to the end of the month, corrected by latest advices from England.
(IV)—The balance available to meet further indents.

---

* Note.—In the case of stores for Provincial services, the sanction of the Local Government or Administration will suffice for the Examiner, but for stores needed for Imperial purposes in a year not yet begun, the sanction of the Government of India must be obtained to the proposed allotment before the Examiner may give his certificate.

Order—dated 25th January 1886, No. 202 W., Public Works.

Communicated to officers of the Public Works Department, for information and guidance, with advertence to appendix I to the Public Works Code, in which these rules will in due course be incorporated.

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

To the Chief Engineer for Irrigation.
To Superintending Engineers.
To the Consulting Architect to Government.
" Superintendent, Madras Harbour Works.
" Examiner, Public Works Accounts, for issue of the requisite S.O.

Exd. E. Fernandez.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of {1886} Madras.

PUBLIC WORKS.

Dated January, 25th.

Recd. *Encl.*

G.O., 25th Jan. 1886, No. 202 W.

JANUARY.

Stores

Orders of the Government of India communicating revised rules laying down the procedure to be followed in obtaining from England —, other than railway stores, communicated to officers of the Department.

En: 1

See 1886 W 7
14.8.85

No 63 Buckingham Canal Dn. Office
6th April/86.

From
The Executive Engineer
Buckingham Canal Dn.

To
The Superintending Engineer
2nd Circle
Bezvadah.

Sir,

I have the honor to inform you that with reference to G.O. No. 3577 W dated 14th December 1883 and in the absence of any orders contravening those proceedings I have been purchasing Portland Cement in the open markets at Madras and despatching the material for different Floodgates &c under Construction on the Canal in the years 1883-84, 1884-85 and 1885-86.

2. Taking into Consideration the urgent necessity for completing the Floodgates on the canal

I had to make arrangements from time to time for obtaining Granite stone, Teakwood, Portland cement and other materials for starting works in out of the way stations along the Canal where nothing could be had unless it were obtained from Madras at the time, especially so, for the masonry works just commenced and contemplated to be completed in 1886-87.- Taking into consideration the advantage of the Closure of Kistna Canals and the consequent retension of the Eastern Delta Division punts for work in the Buckingham Canal to convey materials, I ordered the supply of cut stone and cement required for all works at Madras on the 16th December 1885 and 1st

February

February 1886.-

3. Of these materials the cement required was as follows:-

Palar South Flood Gate	52	Tons
Yedayoor North	42	"
Palar North	8	"
Covelong North	42	"
" South	42	"
Ennore North	69	"
Araree South	45	"
Kodoor North	32	"
" South	32	"
Poyderu North	18	"
Chippalam North	18	"
" South	18	"
Iskapally North	45	"
" South	18	"
Elikeru North	31	"
" South	31	"
Mamneru North	40	"
Palam South	14	"
Gundalacama	29	"
Kottapatam Bridge	2	"
Ethamukkala Bridge	2	"
	630	

Tons
630
For outlets under Construction 3
633

4. Against the above quantity I have purchased and paid for a supply of 100 Tons in the month of January, 250 Tons in February and 186 Tons in the month of March 1886 leading a further quantity of 97 Tons to be purchased which will be done at once and payment for the same will be made in the current month. The quantities of Cement when purchased at Madras are immediately despatched to the different worksites where sheds are constructed to preserve the material which will be entirely used up before June next.

5

5. In the Audit notes on the accounts of my Division for January 1886 (copy enclosed) the Examiner of P.W. Accounts informed that I should obtain the Sanction of Government for the purchase of Cement under G.O. No. 202 W. dated 25th January 1886. As the order was received by me on the 15th February 1886 or after I had made the requisite arrangements for procuring the material, I request that you will be so good as to obtain the Sanction of Government for purchasing the Cement in the open market in accordance with the arrangements previously made. I shall submit indents for Portland cement

required

required for the future in due time with the requisite particulars and in accordance with the rules.-

I have the honor to be
Sir
Your Most Obed^t Serv^t

Major R.E. A.I.C.
Executive Engineer B.C. Dn.

Encls: One

No. 19 B.C.

Submitted to the Chief Engineer Public Works Department with a request [illegible] under the circumstances represented by the Executive Engineer, be obtained for the purchase of the Portland cement [illegible] in the above letter in the local market.

Major R.E.
Offg. Superintending Engineer [illegible] Circle

17/4/86

Camp. Pulicat.
Dated 22^nd April 1886

Extract from the Examiner's Audit Note on the accounts of Buckingham Canal Division for the month of January 1886.

16 Schedule No. 24 Work voucher No. 23.

The Sanction of Government to the purchase of this cement in the Indian market should be obtained without delay with reference to appendix I paras 2 and 3 of the Code and G.O. No. 202 W dated 25th January 1886. Such purchase should not in future be made without the previous Sanction of Government.

True Extract

Major R.E. A.I.C.
Executive Engineer B. Canal

E. No 116 W 18.3.82 ✓
" " 1182 W. 10.5.82 ✓
" " 3577 W 14.12.83 ✓
No 1862 C. 17.11.84 ✓
B. No 1886 W 14.8.83 ✓
G. O. No 202 W 25.1.86 ✓
B

The local purchase of the cement is sanctioned. In future the previous sanction of Govt. should be obtained.

2. The Supt Engr will inform the Exer of the probable estimated loss or gain caused by the local purchases of cement reported.

23/4/86

E. II. C.

Secy. P. W. A.

SUPG: ENGINEER'S OFFICE
No. 8 B.C.
12 APR. 86
P. W. D.
SECOND CIRCLE

P. W. D. No 313

(10)

From
The Executive Engineer
Buckingham Canal
Dn.

To
The Supg: Engineer
2nd Circle
Bezawadah.

Dated 6th April/86
Recd 24 8 3

No 63
Enclosure 1

Portland Cement for constructing Flood Gate works on the B. Canal Dn.

Requesting to obtain sanction of Govt. for the purchase of — in the Indian Market. —

With an Endorsement
Within
No 19 B.C.

No 53. B.C.

Superintending Eng.

B/

PUBLIC WORKS DEPARTMENT.

No 1134 W

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 5th May 1886

READ the following

From the Supg Engineer, II Circle, H.E. No 19 B.C. d 22.4.86

The local purchase of the cement is sanctioned, on the assumption that it was of European manufacture. In such cases, in future, the previous sanction of the Government should be applied for.

2 The Supg. Engineer will report the probable estimated loss or gain caused by the transactions now sanctioned, vide G.O. No 202 W, dated 25th

Ex. G.O. 116 W 18.3.82
" 1183 W "

25th January 1886.

3. With advertence to the opening sentence of the Executive Engineer's letter, the attention of that officer will be drawn to G.O. No. 1886 W d/ 14th August 1885, in which the Govt seek to encourage the use by its officers of cement manufactured by the new Indian Portland Cement Company.

1·5·86

Sent
5/5/86

Cd. O.S. 104/4. 7/5

No. 1134 W d/ 5th May/86

B

To
The Supg Engineer II Circle
" Examr. P.W. Accts.

Desp 8/5/86

Entered in Recpt: Regr

No. 53. B.C.

Superintending Engr
2nd Circle, Bezwada
11th May 1886

From
The Superintending Engineer,
2nd Circle.

To
The Chief Engineer,
Public Works Department,
Madras.

Sir,

With reference to para 2 of G.O. No. 1134 W: dated 5th Instant, I have the honor to inform you that the price per Ton of English Portland Cement purchased by the Buckingham Canal Division Officer, was Rs 55, delivered at Madras. I am unaware at what rate the India Office authorities could supply it, but I note from the last list furnished by the Director-General of Stores that Cement of the same brand ("Tunnel") was sent out by him for the Harbour works at Madras, wherefrom its value could be ascertained.

2. The New Indian Portland Cement it would appear from a late issue of the

Smith's Money Market Review" is in liquidation.
Under these Circumstances, I have the honor to request you will be so good as to inform me whether the Cement manufactured by the Madras Portland Cement Company may be used for the works taken up in future on the Canal.

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

Rundale-Brickman
Major R.E.
Offg. Superintending Engineer,
2nd Circle.

B. No. 1134 W dd 5-5-86
A. – 202 W – 25-1-86
B – 1888 W – 14-8-85
– 1862 C – 17-11-84
A – 3577 W – 14-12-83
– – 1182 W – 10-5-82
– – 716 W – 18-3-82

P.W.D. No. 3967

From,
The Supty. Engineer,
2nd Circle.

To,
The Chief Engineer,
P.W.D.

Dated 11th May 1886.
Despd. 14th — do —
Recd. 26th — " — "

No. 53 B.C.

Portland Cement — English — purchased by the Ex. Engr. Buckingham Canal Dn. – Informs ~~that~~ the price per Ton of —, was Rs 55, delivered at Madras and requests certain information on the subject.

Dd 31/5

No. 1962 C.

Government of Madras.

PUBLIC WORKS DEPARTMENT,

Chepâk, 28th May 1886.

OFFICE NOTE.

From
The Secy: to Govt. P.W.D.

To The Supt. Madras H. Works

Please quote the price per ton of Tunnel Cement as obtained from the India Store Dept. for the Harbour Works and delivered at Madras.

(Sd) D. Mc. Campbell
Major RE
Under Secy: to Govt. P.W.D.

Despd
28/5/86

No 12 W
P.W.C.R. No 4114

1886.

OF 188 .

Madras Harbour Works, 29th May 1886.

OFFICE NOTE.

To

The Secretary to Government
Public Works Dept.
Madras.

Recd: 31/5/86

Office Note No: 1962 C dated.
28th May 1886.

The price per ton is Rs 38.1.6
as per details below:-

	sh	d	Rs.	a.	p.
Tunnel Portland Cement @ 35-9 per ton at 1s. 6¼d per Rupee	35	9	23	8	1
Freight payable in England and India 18s. 2½d per ton at 1s. 6¼d per Rupee			11	15	7
Additional charge of 1% on the above to cover the cost of Departmental and other incidental expenses in England			..	5	8
Boat hire per ton			1	4	..
Harbour dues per ton			1	..	..
Total Rs.			38	1	6

A. Le Poer [illegible]
for Supt. Madras Harbour Works.

G.O. 1134 W 5.5.86 G.O. 1182 W 10.5.82
G.O. 202 W 25.1.86 " 716 W 18.3.82
B. Pro 1886 W 14.8.83
G.O. 1862 C. 17.11.84
B 3577 W 14.12.83

Comd. to the Exar P. W. A. with refce to para 2 of G.O. No. 1134. W. d 5/5/86

2. Adverting to para 2 of the S.E.'s letter it is remarked that if the new Indian Portland Cement Co. is unable to comply with demands made on it the Govt are of opinion that any cement required should be obtained through the India Office stores Depot

4/6/86

S.E. II C.

Dft. 21/6.

.6.86

(2)

B

No. 1485

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 11th June 1886.

READ the following

Letter from the S.E. II Circle (Hr. No. 53 B.C. d/ May 11. 1886)
Office note from the Supdt. Madras Harbour Works } (" " 12 W d/ " 29 ")

Communicated to the Examiner P.W. Accts., with reference to para 2 of G.O. No. 1134 W dated 5th May 1886.

2. The Supdg Engineer II Circle will observe that cement of English manufacture can be obtained through the

o 1134 W, 5-5-86 G.O 1182 W. 10-5-82
G.O 202 W

India office at considerably less cost than in the local market, and future supplies of such cement required for the Buckingham Canal should be obtained by indent on the Home Government, according to the rules in force.

3. With advertence to para 2 of the Supdg Engineer's letter, it is observed that, if suitable cement of Indian manufacture can be obtained from the Madras Portland Cement Company at less cost than the English cement sent out by the India Store dept, there can be no objection to its use on the Canal works.

Cu 10/6/86 6.6.86 E.T.C 14/6

No. 1485 W. d/ 11 June 1886

B.W. 12/6

Despd 17/6/86

S.E. II Circle
Ex PWA

B. No 1485 W d/ 11-6-86
- - 1134 - - 5-5-86
A - 202 - - 25-1-86
B - 1886 - - 14-8-85
- 1862 C - 17-11-84
A - 3577 W - 14-12-83
- - 1182 W - 10-5-82
- - 716 W - 18-3-82

Dcw 24/6/86

Superintending Engineer's Office

[redacted]

In charge 2nd Circle

With Order

No 1134 W 5-5-86 G.O 1482 W 10-5-87

G.O 202 W

1886

P. W. DEPARTMENT.

Current No. 4694

From

The Examiner P.W. Accts.

Enclos.—

No. 215

Dated 17th June 1886

Received 18th — do —

Subject.

Stating the reasons for allowing the purchase of English cement by the Ex: Engr: B. Canal Divisions are not recorded in G.Os No 1134 and 1485 W dt 5th May & 11th June respecting nor has the quantity of cement covered by the sanction been given and therefore requesting information on those points referring at the same time to paras 2 & 3 of letter from G. of I No. 12 W dt 12th Jany/86, printed with G.O. No. 202 W dt 25-1-86.

Disposal.

No. 2258 Dated 23d June 1886

To C.

Herewith a copy of E.E: B. Canal Division's letter No. 63, dt 6/4/86 and Supdg: Engr's Endorsement No. 19 B.C dt 22. 4. 86 which contain the information required by you.

(Sd) D. McC.
D.W.
23. 6. 9

Dem 24/1/88

Entd in R.R. 3/11

No. 366 B.C

Superintending Engineer's Office
2d Circle Camp Masulipatam
18th February 1887

From

G. D. Wybrow Esquire
Superintendent of Works
In charge 2d Circle

To

The Chief Engineer
Public Works Department

Enclosure

Sir

With reference to G.O. No. 1134 W of the 5th May 1886, sanctioning the purchase of 633 tons of Portland Cement for flood Gate Works of the Buckingham Canal Division, I have the honor to bring to your notice that an excess quantity of $2\frac{5}{7}$ Tons has been purchased by the Executive Engineer, and to request you will be good enough to obtain the sanction of Government to the purchase of the above quantity, as shown in the enclosed Statement.

I have the honor to be
Sir
Your most Obdt Servt

G. D. Wybrow
Superintendent of Works
In charge 2d Circle

With order

1258 C 23.6.86. 202 W 28.1.86
1485 W 11.6.86. 1880 W 14.8.85
1134 W 5.5.86. 1862 C 17.11.84
3577 W 14.12.83
1182 W 18.5.82

B. No. 571. W d/ 25 Feby/87

P.W.C. No. 1453

Sanctioned under
Sanctioned under

special case 2.
special case 2.

24.2.87

24/2/87.

From

The Superintending Engineer
2d Circle

To

The Chief Engineer
Public Works Dept.
Madras

B. No. 571. W d/ 25-2-87

Dated 18th January 1887

R. 20-2-87

Encl
One

No. 366 B.C.

Portland Cement. Requests to obtain the sanction of Government to the excess quantity of $2\frac{5}{7}$ tons of purchased by the Ex. Engr for flood gate works of Buckingham Canal -

S.E. II C
S.E. II C

Exp. with the list

Desp'd 25-2-87

25/3

25/3

Entd in R.R. 3/3

-57-W

Jd 3/3 Eff 4/3 3/3

With order