No. 2713 W of 18 October/82
B

Communicated to the Supdg. Engr. Sixth Circle in continuation of G.O.s No. 2323 W dd 9th Sept & 2525 W dd 27th Sept 1882 –

Cn

16-10-82

G.Os	2525 W.	27. 9. 82
	2323 W.	9. " "
	2141 W.	19. 8. "
	1099 W.	6. 7. "

S. E. Sixth Circle ✓
Do 31/10 Desd 19/10

---

[6]

Govt. of {188 } Madras.

P.W.C. No. 6987

To

The P W Dept

Recd 13/10

Proceedings, dated 6 Octr 1882.
No. 1575 Mis

Subject.

No. 2713 W of 18 October/82

Cong letter from the I.G. of Police regarding the disposal of the Mily buildings at Palamcottah proposed by the Supdg Engr 6th Circle

With order
Entd. in Receipt Regr.

Circular No. 15 Public Works.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

CIVIL WORKS.

MISCELLANEOUS.

Simla, September 21, 1882.

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 Biluchistan.
The Accountant General, Public Works Department.
The Inspector General of Military Works.
The Director General of Railways.

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

By order,

G. F. L. Marshall Major, R.E.,
Under Secretary to the Government of India.

No. 1311, dated 1st September 1882.
Notification—By the Government of India, Home Department.

UNDER the provisions of Section 17 of the Indian Arms Act, 1878, the Governor General in Council is pleased to make the following rule, in substitution of the rule contained in Home Department Notification No. 1555, dated the 30th September 1881, regarding the grant of licenses for the possession and transport of gunpowder and fuses required for blasting purposes in connection with agricultural works or works of public utility.

RULE.

Licenses may be granted to cultivators and other persons, without payment of any fee, entitling the holder to possess and transport gunpowder and fuses in reasonable quantities, when the same are proved to the satisfaction of the officer granting the license to be required *bonâ fide* for blasting purposes in connection with agricultural works or works of public utility.

Such licenses shall be given in the form appended to Notification No. 1555, dated 30th September 1881.

A. MACKENZIE,
Secretary to the Government of India.

To,
The Secretary to the Govt. of Madras,
P. W. Dept.

B/ No. 2715 W. of 18th October/82

Communicated to the officers of the Public Works Department for information.

11-10-82

M

C.E. for I. ✓
C.E. for Rys. ✓
C.Es.
J.

Recd 19/10

Oct 10.10

Desp 21/10

P.W. Pro. 7013

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
CIVIL WORKS.
MISCELLANEOUS.

To

Circular No. 15 Public Works.
Dated Simla, September 21, 1882.
Received 14 Octr '82

80 Sc

No. 2715 W. of 18th October/82

10

2 copies to Coly

Grant of licences to cultivators and other persons without payment of any fee entitling the holder to possess and transport gunpowder and fuses in reasonable quantities when the same are required for blasting purposes in connection with agricultural works or works of public utility.

Govt. Central Branch Press, Simla.—No. 119 P. W. D.—25-9-82.—1,300.

With order.
Entd. in Receipt Regr.

Revenue Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following Proceedings of the Board of Reve:, dated 29th Septr: 1882, Mis: No. 7526, on letter from Collr: of Madras, dated 23d: Septr: 1882, No. 367.

With reference to the Proceedings of the Board of Revenue, No. 5453 Routine, dated the 21st: Septr: 1882, I have the honor to report that the sum of Rs 70,000 offered as compensation for the "exchange House" inclusive of the 15 per cent allowed under Section 42 of the "Land acquisition act 1870", has been accepted by such of the shareholders as have been traced. The value of 18* out of the 25 shares into which the property is divided has been paid up to date to their respective owners. Four* more shares will be paid for

*Shares 18 at Rs 2,800 = 50,400.

*4 @ Rs 2,800 = 11,200

Total 61,600

for in the course of this day.
Out of the remaining 3 shares, one has been claimed and enquiry is now being made into the claim; the owners of the other two have not yet been traced.

Submitted for the information of Govt:, with reference to G.O, dated 16th Septr: 1882, No. 990.

Order thereon, 6th Octr: 1882, No. 3280.

Communicated to the Public Works Department, with reference to Memorandum, dated 13th September 1882, No. 734 E.

(True Extract)

Ag: Asst. Secy:
for Secy: to Govt.

To
The P. W. Deptt.

No 734 E. - 13.9.82.
fos 1885 W. - 1.7.82
1493 W. - 15-6- "
1011 W. - 24-4- "
907.8 W. - 10-4- "

No. 2724 W of 19th October /82

Recorded.

C. E.
C. E.
C. E.

oct 20.10

only 14/10 Re 18/10

S. E. 5th Circle

16-10-82

Entd. in Receipt 19/10 Regr

26th June 1882, No. 1605 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil-Works.

No. 176.

Read—the following papers:—

From Messrs. ARBUTHNOT and Co., to the Secretary to Government, Public Works Department, dated Madras, 9th March 1882.

We have the honor to address you on the subject of the supply of Portland Cement, locally manufactured, to the Public Works of this Presidency.

2. It will be in the recollection of Government that some years ago General H. R. Morgan started cement works at Madras, and that, besides supplying various local wants, he delivered a large quantity which has been used in connection with the Harbour Works. At one time, from cause which it is needless to define, but which are not the least likely to occur again, cement below the required test was delivered to the Harbour Works. But the late supplies were all that could be desired, and Mr. Thorowgood was thoroughly satisfied with their quality. Since the Harbour Works ceased requiring cement, the works have gone on manufacturing for local wants, and we are assured by the Manager of the works that the cement has invariably given satisfaction. The last supply manufactured has been tested to stand over 1,000 lb. tensile strain, which is more than the best brands of English Cement are guaranteed to bear in this country, and which is more than is wanted for all practical purposes.

3. We observe that the Government of India have called the attention of local Governments to the desirability of employing local Portland Cement, wherever its quality and its price compare favorably with English importations. As we have acquired the cement works from General Morgan—his interest in them having entirely ceased—Government will have a substantial guarantee that any contracts we enter upon will be strictly fulfilled. The quality of the cement will of course be guaranteed, and with reference to its price, we are willing that this should remain as at present at Rs. 40 per ton of 20 cwts. In Calcutta the Government have a contract for five years with a Cement Manufactory there, and the price they have agreed to pay is about Rs. 48 per ton. Our cement works are at present capable of turning out from 350 to 400 tons per month, and we have it in contemplation to increase the production to about 600 tons. With the reconstruction of the Harbour Works in prospect, and with other large projects in hand throughout the Presidency, the Government demands will be considerable for some time to come. We therefore venture to request that, acting on the suggestion of the Government of India, as published in the last *Gazette of India*, and following the example of the Bengal Government, the Madras Government will be pleased to enter into a contract with us for the supply of Portland Cement, locally manufactured, for a period of five years. We of course undertake to supply an article equal to English Cement, and at the price of Rs. 40 per ton. The minimum quantity to be taken by Government to be 300 tons per month, and this to be increased to 450 tons when the additions to our works have been completed.

4. We trust that our request will be favorably regarded. It is a request founded on the present policy of the Government of India—a policy we venture to think a wise one, which is to encourage local enterprise as far as possible. It is a request also we have some confidence in making, as we know the cement we can supply compares favorably both as to quality and price with any that can be imported.

5. We beg the favor of the early orders of Government on our application.

No. 176-A.

From N. St. B. BEARDMORE, Esq., C.E., Acting Superintendent, Madras Harbour Works, to the Secretary to Government, Public Works Department, dated Madras, 16th March 1882, No. 90 W.

I have the honor to acknowledge your memorandum, No. 612 C., of 11th March 1882.

2. The usual test that Mr. Parkes has required in London for Portland Cement has been, I believe, a tensile strain of 800 lb. on a briquette of 2¼ square inches made under the usual conditions and kept in water for seven days. There are other minor points usually required in a specification for cement which may be found in one that I submitted to Government with my letter dated 21st July 1876.

3. The total quantity of cement required for the restoration of the works, according to Mr. Parkes's maximum estimate in his report dated 9th March 1882, will be 11,150 tons. According to his minimum estimate it will be 8,360 tons, in both cases 10 per cent. being added to cover lost and damaged cement. In either case a thousand tons should be ordered as soon as sanction is accorded for the restoration of the works to arrive per steamer. Mr. Parkes says a thousand more may come per sailing ship using ordinary despatch, and the rest might arrive in quantities of about 800 tons per month.

No. 176-B.

From N. St. B. BEARDMORE, Esq., C.E., Acting Superintendent, Madras Harbour Works, to the Secretary to Government, Public Works Department, dated Madras, 4th May 1882, No. 5 W.

Referring to your memorandum, No. 26 E., of the 20th April last, I forward you copy of specification under which I shall be glad to take cement from the Madras (Portland) Cement Company. I have forwarded copy of same specification to Messrs. Burn and Co., of Calcutta, who manufacture an hydraulic cement similar to Portland Cement.

2. From recent experiments (only concluded last week, or I would have replied to your memorandum earlier) I find the damaged cement of the Madras Cement Company now in our warehouses is not so bad as it at first appeared, *i.e.*, although the upper portion is, in an unaccountable manner to me unless it is by absorption of moisture from the atmosphere, damaged by having become set and hardened, the underportion where it is still fine and uncaked remains good. Nevertheless a large portion of it is caked and hardened.

3. I think if Messrs. Burn and Co. also supply cement under this specification, 300 tons per month will be too great a quantity to take from the Madras Company.

No. 177.

Order—dated 26th June 1882, No. 1605 W., Public Works.

His Excellency the Governor in Council accepts and approves of the recommendations made by the Acting Superintendent, Madras Harbour Works, regarding the supply and testing of the Portland Cement for the Harbour Works.

(True Extract.)

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

To the Superintendent, Madras Harbour Works.
,, Messrs. Arbuthnot and Co.

Exd. A. F. Goodall.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1882} Madras.
PUBLIC WORKS.

Dated June, 26th.

Re d. *Encl.*

G.O., 26th June 1882, No. 1605 W.

JUNE.
Nos. 176-177.

Madras Harbour Works.

Portland Cement for the —. Accepts and approves the recommendations of the Acting Superintendent regarding the suppiy and testing of the —.

14th September 1882, No. 2370 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

No. 94.

Read—the following letter from N. St. B. BEARDMORE, Esq., C.E., Acting Superintendent, Madras Harbour Works, to the Secretary to Government, Public Works Department, dated Madras, 4th September 1882, No. 38 W.:—

In G.O., No. $\frac{1460}{A}$ W. of 12th June 1882, you requested me to report from time to time as to the requirements of these works in regard to cement and as to the supplies obtained locally, &c.

2. I have now received from the Madras Cement Company—

in June	21 tons
in July	95 ,,
and in August...	178 ,,
Total ...	294

instead of the 600 tons this Company might have delivered to me according to their undertaking. Of the quantity delivered I have used 116 tons, *i.e.*, the whole of the first two months' delivery.

3. As I do not desire to use any of this Company's cement until I have had it at least one month in store, so that I may consider and be guided by the result of the 28 days' test, and as I wish to reserve for blockmaking the small quantity of White Brothers' cement that I purchased with your approval from the Captain of the *White Rose*, I purchased last week from a local firm 46 tons of a very strong cement manufactured by Messrs. Burge and Barrow, having purchased 14 tons of the same cement last May. This will enable me to go on for a short time with the small repairs, coping and relaying lines of railways on the piers; as it is a rather quick setting cement it is excellently suited for the purpose.

4. Mr. Parkes writes to me that the tender of the Gillingham Company has been accepted for the thousand tons of cement lately ordered from England, and in his letter received by the last mail he says that the freight for 350 tons has been contracted for by the S.S. *Duke of Buccleuch* and *Teheran*. You may have observed that news has reached this country that the *Duke of Buccleuch* has put into Antwerp in distress, and I presume she has our cement on board. This may cause me to run short of cement, and I should like to purchase, if it proves good on testing, another hundred tons of Messrs. Burge and Barrow's cement which has lately been imported by a local firm. It has been offered to me at 42 rupees per ton which is almost as cheap as that imported through the Secretary of State, or as that manufactured by the Madras Company. If it proves as good as the last lot of the same makers, I think, whether one wanted to use it immediately or not, it would be advisable to buy it at so low a figure.

5. The cost of the English cement, or at least of the 350 tons for which freight has been taken, will be per ton—

	£	s.	d.
Cement in casks f.o.b	1	19	3
Freight	1	2	6
5 per cent. on ditto for casks...	0	1	1½
	3	2	10½

or, say, Rs. 38, to which Rs. 2 per ton will have to be added for landing charges, making Rs. 40 per ton for the cement in the Harbour Works warehouses. Mr. Parkes remarks that he sees no reason for departing from the rule originally laid down that we would take any approved cement from the Madras Company at 10 per cent. below the cost of English cement delivered on the works. Of course I must take the twelve months' delivery arranged for with the Madras Company at Rs. 40 per ton, but I think after that delivery is concluded I must ask them, in the event of the English cement remaining so low in cost, to lower their price.

No. 95.

Order—dated 14th September 1882, No. 2370 W., Public Works.

The proposal to purchase 100 tons of Messrs. Burge and Barrow's cement at Rs. 42 per ton is approved.

(True Extract.)

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

To the Superintendent, Madras Harbour Works.
" Examiner, Public Works Accounts.

Exd S. T. Austin.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of (1882) Madras.

PUBLIC WORKS.

Dated September, 14th.

Recd. *Encl.*

G.O., 14th Sept. 1882, No. 2370 W.

SEPTEMBER.
Nos. 94-95.

Cement.

The proposal to purchase 100 *tons of Messrs. Burge and Barrow's* — at Rs. 42 per ton, approved.

12th June 1882, No. $\frac{1460}{A}$ W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

No. 82.

Read—the following letter from N. St. B. BEARDMORE, Esq., C.E., Acting Superintendent, Madras Harbour Works, to the Secretary to Government, Public Works Department, dated Madras, 25th May 1882, No. 8 W.:—

I have the honor to forward an indent on England for material and stores required for these works in the event of the piers being reconstructed. Some of the material I can obtain in India, but not of so good a quality or so economically as in England. This is especially the case with regard to iron and rope. I have made no mention of Titan cranes as I have received no intimation that the piers are to be reconstructed by means of such machines.

No. 82-A.

Read—the following letter from N. St. B. BEARDMORE, Esq., C.E., Acting Superintendent, Madras Harbour Works, to the Chief Engineer, Public Works Department, dated Madras, 7th June 1882, No. 12 W.:—

I have the honor to acknowledge your memorandum, No. 195 E., of June 1882.

I asked to have 2,000 tons of Portland Cement chiefly that I might have some in reserve in case of the local supply failing, but if I am allowed to purchase *English* Cement of local firms, I think 1,000 tons ordered by telegraph to be despatched per canal steamer quickly will be sufficient unless, indeed, the work and method of reconstructing the piers are quickly decided on and immediately ordered to be carried out, when the requirements would be greater. The consumption of cement will be about 500 to 650 tons per month, but I can only make a thousand blocks before the work of reconstruction is commenced, for the block grounds will, with that number added to the present stock, be filled. To make that number will occupy about 3½ months from date of commencing, but all machinery and plant are thoroughly out of repair and order, in some cases quite worn out; and notwithstanding I am hard at work with all repairs, it will be some time before they are completed.

The Manager of the Madras Cement Works agreed to supply me (under my specification) with 200 tons per month for six months, and delivery was to commence in the first week of June. I have, however, received none as yet. I place no reliance on getting any cement from Messrs. Burn and Co., of Calcutta, for a small parcel that I have received in order to test is a higher price than that for which I can get English Cement of one of the best makers (White and Co.) from a local firm here. Messrs. Burn and Co. have not replied to my question as to what price they would charge for a large quantity, so I presume they cannot compete with the Madras Company, or fear the terms of my specification. I have, however, received an offer from another firm here of English Cement at a price nearly as low as the lowest price for which cement has been sent out from England through the India Office. At present

I am a little suspicious of this cement; it appears to be strong, but not quite "slaked." I have had a quantity turned out on a floor to "slake," and I dare say it will prove a good and strong cement.

There is another cement referred to in G.O., No. 1182, of 10th May 1882, that I should like to test. Should I address the Secretary, Public Works Department, of the Bengal Government, or in what manner could I obtain a cask? I do not understand who makes this cement; the Company has the same name as that at Raneegunj represented by Messrs. Burn and Co., but it is said that the Government has made an agreement with Messrs. MacAllister and Co.

I trust that you will perceive from the foregoing that it is uncertain to say positively what proportion of the monthly quantity required can be calculated on from local supply. I may be able to obtain 200 tons per month from the Madras Company, but I have received none as yet. I consider Messrs. Burn and Co. out of the market on account of their high price; and if the English Cement offered to me by a local firm proves reliable, I may be able to make up the quantity required by purchasing from them.

No. 83.

ORDER—dated 12th June 1882, No. $\frac{1460}{A}$ W., Public Works.

Ordered to be forwarded to the Secretary of State for India, who will be requested by telegraph to authorise the first thousand tons of Portland Cement being sent out immediately by canal steamer.

2. The Superintendent, Madras Harbour Works, will keep the Chief Engineer regularly and fully informed as to the requirements of the works in regard to cement, and as to the supplies obtainable from local cement works.

3. The Bengal Government will be requested to arrange for the despatch to Madras of one or two casks, from Messrs. MacAllister and Co. of Indian Portland Cement, to be tested here by the Superintendent, Madras Harbour Works, who will in due course report the result.

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

To the Superintendent, Madras Harbour Works.

Exd. A. F. Goodall.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of {1882} Madras.

PUBLIC WORKS.

Dated June, 12th.

Recd. *Encl.*

G.O., 12th June 1882, No. 1460 W.
A

JUNE.
Nos. 82-83.

Madras Harbour Works.

Indent for materials and stores required for the — , forwarded to the Secretary of State for India.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

No. 57.

Read—the following papers:—

From D. C. GORDON, Esq., Examiner of Public Works Accounts, to the Secretary to Government, Public Works Department, dated Madras, 16th June 1882, No. 45 W.

I have the honor to forward, in original, the statement of expenditure (with four accompaniments connected therewith) on the Harbour Works to 30th April 1882, compared with the estimate, and to state that the same has been duly verified by this office.

2. In their letter, No. 204 A.G., of the 12th ultimo (*vide* G.O., No. 1329, of the 29th idem), the Government of India have ruled that the expenditure incurred against the grant of Rs. 2,00,000 (which is the only allotment for the Harbour Works during the year up to date) must be strictly confined to "block-making," "quarrying," and establishment charges, and I have therefore the honor to invite attention to the charges incurred on Items 9, 12, 13, 16, 23 of comparative statement, also on moorings and repairs to moorings.

No. 1291 C.

Referred to the Superintendent, Madras Harbour Works, for remarks.

23rd June 1882. (Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Government, P.W.D.

No. 57-A.

From N. St. B. BEARDMORE, Esq., C.E., Acting Superintendent, Madras Harbour Works, to the Secretary to Government, Public Works Department, dated Madras, 30th June 1882, No. 19 W.

I have the honor to address you in reference to G.O., No. 1329 W., of 29th May 1882. That order refers to another No. 1022 W. of the 26th April 1882, in which two lakhs of rupees is sanctioned for block-making, quarrying, and establishment charges for 1882-83. A letter from the Examiner, dated 16th June 1882, No. 45 W., in which he calls attention to my having spent money on other divisions of the works than those above named, is also referred to me by you for remarks. I apprehend that the terms block-making, quarrying, &c., are not intended to be strictly adhered to, but to cover incidental expenses, and have been employed in order to convey instructions that no blocks are to be set, or the reconstruction of the piers commenced. For instance, one cannot make any blocks before a number of block moulds are re-made, the stationary engines and machinery entirely overhauled and repaired, at least one locomotive engine repaired, and at least two gauntry travelling cranes rebuilt, though the reconstruction of two other gauntry cranes will have to be taken in hand before more blocks can be made after the first set have been completed, *i.e.*, the block ground over which the second two gauntries span is now nearly filled with blocks, so their reconstruction is not immediately required.

2. All the above and many other smaller subjects of expense, such as relaying railways and general tools, are not strictly block-making, though incidental to it, and block-making cannot be carried on except expenditure on the above is first incurred.

3. I understand from G.O., No. 698 W., of 17th March 1882, and Mr. Parkes read it in the same way, that the extension of the stone revetment for the protection of the beach at Ráyapuram was sanctioned, though it does not appear that any special sum of money has been awarded for the work; still, especially as it was ordered before the close of the last financial year, I thought I was justified in commencing and in continuing the work pending negative orders. It would be most unwise to stop these works now, for the sea might encroach during a heavy swell or storm and destroy all the work that has been done since March. I have already given my opinion in reply to your memorandum, No. 189 E., of 2nd instant, that it is advisable to spend this year Rs. 23,700, *i.e.*, the whole sum of the estimate for the revetment, less the cost put down by Mr. Parkes for maintenance.

4. Works on moorings or repairs to moorings have been in hand since the storm of November 1881, and as I had received no orders to stop these, they likewise have been continued. It would be unwise to stop them now, for moorings are required in the Harbour more than anything else. Another cause of expense connected with moorings is dismantling the wrecks of the foundered hopper barges. The repairs to moorings have been chiefly in repairing the engine and in recovering lost chains, &c.

5. The repairs to rubble base north pier met with Mr. Parkes' approval. They consisted in filling up the scour in the base on the north side of the pier at the end of the intact portions. They are now finished. I was anxious to get the work done before the south-west monsoon set in, as otherwise I feared, if any heavy seas struck the pier, the top courses of two or three hundred feet at the end might be toppled over.

6. The repairs of sea damage north pier were commenced by Mr. Thorowgood in January, and I have only continued them. They consist of levelling off the top with concrete, putting in iron ties recommended by Mr. Parkes in paragraph 34 of his report, relaying the railway lines, and partly in recovering by divers the rails and sleepers, &c., washed off in the storm. No blocks can be set unless the railway lines are relaid, and it is necessary to relay them at once, so that the concrete may set hard before any heavy traffic passes across them, or the new concrete topping and setting for the sleepers would be chipped and broken off. A great length of this railway in fact was required to be relaid before blocks could be made, as it is part of the road from the south pier for stone.

7. The repairs to the south pier have consisted in recovering rails and sleepers washed off the pier; but I also propose to level up the top with concrete and relay the lines of railway there for work. Other small items, such as the pay of the sailors, and repair of survey boats, cost of surveys, &c., all of which are absolutely necessary, are generally charged to north and south piers.

8. I may mention that I think two lakhs of rupees will not be sufficient for making blocks for the year. After all the machinery and engines are put in repair, it will cost Rs. 1,62,000 to make the thousand blocks for which there is room in the yards before one block is taken out to be set, but then this sum includes the cement; the cost of that amount of which that comes from England, I believe, is not to be taken out of the two lakhs of rupees.

9. I have to remark that the Examiner of Public Works Accounts has struck out of the estimate column of my statement of expenditure Rs. 74,000, being sum paid to Madras Railway Company for depreciation of rolling stock. I had entered that at Mr. Parkes's desire, as he argued that, as it was a quite unexpected extra sum ordered by Government to be paid, it should appear in the estimate column as well as in the expenditure column. I have to request that you will support my action in this matter, and direct that it be not struck out again.

No. 58.

Order—dated 8th July 1882, No. 1720 W., Public Works.

The Right Honorable the Governor in Council agrees with the Acting Superintendent of the Madras Harbour Works that the assignment of two lakhs is intended to cover all incidental expenses connected with block-making, quarrying, &c., such as those specified in paragraphs 1 and 2 of his letter above recorded.

2. Adverting to paragraph 3, it is observed that the extension of the north revetment is essential and must be proceeded with; but till the decision of the Government of India as to the incidence of the charge has been communicated, the cost must be borne by Provincial as a provisional arrangement.

3. Similarly the cost of work in connection with the moorings will have to be met from Provincial as a temporary arrangement.

4. The repair of the rubble base as specified in paragraphs 5, 6, and 7 must also be proceeded with; but Mr. Beardmore should, as far as possible, restrict expenditure to work required exclusively for the restoration of the broken piers on Mr. Parkes's plan till orders have been received from the Secretary of State as to the nature of future operations.

5. No immediate orders are required on paragraph 8.

6. As regards paragraph 9, the Examiner seems to have acted correctly in striking out of the estimate the sum of Rs. 74,000 paid to the Madras Railway for depreciation of rolling stock. The amount will, however, be debited to its proper head in the accounts, with such explanation appended as may be necessary.

(True Extract.)

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

To the Superintendent, Madras Harbour Works.
„ Examiner of Public Works Accounts.

Exd. A. F. Goodall.
Spare Copies

BUILGINGS AND ROADS.
CIVIL WORKS.

Govt. of (1882) Madras.

PUBLIC WORKS.

Dated July, 8th.

Recd. *Encl.*

G.O., 8th July 1882, No. 1720 W.

JULY.
Nos. 57-58.

Madras Harbour Works.

Orders regarding the expenditure of the additional grant of two lakhs in 1882-83; and the Superintendent directed to restrict expenditure to the works required exclusively for the restoration of the broken piers on Mr. Parkes's plan.

No. 42 W.

FROM
THE ACTING SUPERINTENDENT,
MADRAS HARBOUR WORKS,

TO
The Secretary to Government
Public Works Department

MADRAS, 11 October 1882.

Sir,

I have the honour to inform you that having made sixty four Concrete blocks I ran out of cement last week so I purchased 46 tons of Whites Cement of a local firm at about Rs 54/- per ton. This with 93 tons which has arrived since from the India Office in the S.S. "Quetta", has enabled me to recommence blockmaking.

I have the honor to be
Sir
Your most obedient Servant
Nath. H. B. Beardmore C.E.
Ag: Superintendent M.H. Works

A. No. 2370 W. 14-9-82
" " 1460/a W. 12-6- "
" " 1605 W. 26-6- "
B. - " 1889 W. 25-7- "

No. 2725 W d/ 19 October 1882

Approved.

14.10.82

Buildings & Roads.

M. C. No. 6968

From
The Ag: Superintendent
Madras Harbour Works.

No. 42 W.
Dated 11th } October 1882.
Recd. }

No. 2725 W d/ 19-10-82

No. Enclosures - " -

Intimates purchase of 46 tons of Cement from a local firm

Dy. S. 19/10

Supdt. M. H. Works.
Mr. F. W. Scotts

Copy 14/10 Desp. 20.10. Re. 18/10

With the order
Entd. in Receipt Regr.

---

one which he had no control prevented him from passing the list & that he is willing to go up for the next Code Examination but as it is not likely to take place for some time to come he begs that he may be permitted to draw his second increment in the mean while.

Mr Bulstrey's previous application+ & your endorsement is put up for information.

for Secy.

19th Sept. 1882.

+ to be returned

C. J. S.
19. 9/82.

E. I. Form No. 34-F.

KEEP WITH.

No. dated 188 .

R. No 469 D/21.9.82

GOVT. OF MADRAS. 1882. P.W.D. DEPT.

CHIEF ENGINEER FOR IRRIGATION.

Madras, 19th ~~September~~ 1882.

OFFICE NOTE. No 224.

Enc. 1

Circulation Register.

To	From	Despatch Date.	Receipt Date.
C	D.E.I.	20.9.82	

Mr C. Baldrey has been allowed to draw his first increment vide your Office Note No 1128 d/11th February 1882. The second increment is due to Mr. Baldrey from April last & he now puts forward a claim for it on the same grounds he claimed his first

---

General Collins Road
Madras 23rd January 1882

To
Colonel J. Mullins R.E.
Chief Engineer for Irrigation &
Joint Secretary to Government P.W.D.
Chepâk

Sir,

In accordance with the revision made in the scale of the Office Establishment in 1880, I was graded a clerk 2nd class 3rd grade to which is attached annual increments of Rs 4.

I was eligible for the first increment in April last i.e. so far as service went, but as passing a test in the revised P.W. Code formed an essential qualification and as it was, at that time, not decided when the Examination could be held I was not permitted to draw the increment.

In August 1881 I became seriously ill, and was granted one years leave on medical certificate, consequently I could not be present at the Examination which took place later on, although I sent my name in for it, I could not go as I was very ill at the time, so that it was my misfortune rather than my fault that matters occurred as they did, and as it is probable, unless I am permitted to draw my increments before the close of the Official year (current), I may lose them altogether and also lose a years service on a slightly better rate of Salary, as, I have still before me upwards of six months unexpired leave which will take me into the coming Official year before I can hope to have the opportunity of passing the required Examination

Under the peculiar circumstances Explained over which I had no control, and in consideration of the small Salary I draw, [and quoting from my Service Register] long and efficient service, and general good character I beg you will kindly view my case as an exceptional one that merits the indulgence I now solicit viz to be permitted to draw my increments from April 1881. subject to passing an Examination in the Code on my return to duty, or in default refunding the amounts so drawn to Government.

I am
Sir
Your most Obedient Servant
Chas. A. Buldrey
Supdt: Construction Branch
Office E. I.

Through
The Assistant Chief Engineer for Suptg
L.L. 2[illegible]/1/82.
For kind support

CHIEF ENGINEER
13 FEB
1882
FOR IRRIGATION

To C. No. 33.

R. No. 1032 D/ 6th Feb/82

For remarks, and more especially as to whether Mr Baldrey will when he has passed the examination be eligible to draw increment from the date on which length of service rendered him eligible.

R164

[illegible] 1/2/82

CHIEF ENGINEER
3 OCT
1882
FOR IRRIGATION

No. 1128 D/ 11 February/82

28
13.2.82

TO E.T.

IF MR. BALDREY IS CONSIDERED TO HAVE RENDERED APPROVED SERVICE DURING THE YEAR ENDING 31ST. MARCH 1881 AND IF YOU ARE SATISFIED THAT UNDER THE CIRCUMSTANCES MENTIONED IN HIS LETTER HE WAS REALLY UNABLE TO ATTEND THE EXAMINATION FOR CLERKS HELD BY THE CHIEF ENGINEER P.W. DEPARTMENT IN JULY 1881, THERE APPEARS NO OBJECTION WITH REFERENCE TO THE ORDERS CONTAINED IN G.O. NO. 1242 W. DATED 16TH. MAY 1881 TO PROVISIONALLY ADMIT TO MR. BALDREY HIS FIRST ANNUAL INCREMENT FROM THE DATE (1ST. APRIL 1881) IT BECAME DUE.

OCL

+ on 30th July 81

Dw. H.

C.

E.J. 11/2

To [illegible]

[illegible] 11/2

Later case I 34 M/82

No. 2728 wd/20th Octr/82
B

Sanctioned, subject to Mr Baldrey's passing the next periodical Code examination –

14.10.82

G.
16-10-82

Ch. E. for I.
Ex. P. W. Accts
only 14/10 Rd 18/10
Rs 20-10

Dy [illegible]
21/10

CHIEF ENG.
3 OC
82
FOR IRRI

No. 241 Dy 2d Octr/82

TO

R 164

Enc. 1.

E. I.

UNDER ORDINARY CIRCUMSTANCES MR. BALDREY HAVING FAILED TO APPEAR FOR THE CODE EXAMINATION HELD LAST JULY, WOULD HAVE HAD TO FORFEIT HIS CLAIM FOR FURTHER INCREMENT WITH REFERENCE TO PARA 5 OF CHIEF ENGINEER'S (P. W. DEPTT.). CIRCULAR NO. 393 DATED 18TH. AUGUST 1881. BUT AS HE WAS IN JULY AND HAD BEEN FOR MONTHS PREVIOUS ABSENT ON SICK LEAVE, IT IS FOR GOVT. TO DECIDE WHETHER HE MAY OR MAY NOT BE ALLOWED TO DRAW HIS SECOND INCREMENT SUBJECT TO HIS PASSING THE NECESSARY EXAMINATION WITHIN A CERTAIN TIME.

No. 2728 wd/20th Octr/82

~~R. S.~~
13.10.82

C.

No. 289.

Encl 2
CCE
30/9

30/9 Transferred to the Chief Engineer, PWD with a recommendation that Mr. Baldrey be allowed to draw his second increment subject to his passing the required examination within 6 months from this date.

W. H. Borden
Joh. 9/10/82
E. I.

Letter from the Registrar of Vizagapatam to the Inspector General of Registration, Madras, dated 20 September 1882, No 731.

In continuation of my letter dated 18th Instant No 730, I have the honor to inform you that I have gone over the Office building and find it not only leaky but in a dangerous state, and therefore request permission to remove the office to some other place, pending the repairs to the present building. The rains are heavy this year and I cannot say when the house may tumble down.

(True Copy)

G. W. Hamnett
Inspr Genl of Regn

P. J.

Enclosure to 2573.

PW Encl. 1/70 82/82

Registration Department
G. No. 2573.

From

Geo. Hamnett Esq
Inspector General of Registration
Madras.

To

Colonel R. H. Sankey C.B. R.E.
Secy: to Government P.W.D.

Dated, Madras, 12th October 1882.

Sir,

With reference to the Proceedings of the Government, Judicial Department, No. 1447, Mis, dated the 30th September 1882, I have the honor to transmit copy of a letter from the Acting Registrar at Vizagapatam No. 731 dated the 20th idem, from which it will be seen that the building in the Fort at that station is "in a dangerous state".

2. The Registrar's office has been removed to another building.

I have the honor to be
Sir
Your Most Obedt Servant
G. Hamnett
Inspr Genl of Regn

RJ

No. 2731 W.A./20th Oct/82
B

Communicated to the S.E. First Circle in continuation of G.O. No. 2611 W of 7th Oct. 1882.

Cr

18.10.82

G.O. 2611 W. 7-10-82.

Desp
21/10

S.E. First Circle
with copy of enclosure
Do

P.W.C. No. 7082

From

The Inspector General of Registration
Madras

To

The Secretary to Government
P.W. Department

Dated 12th October 1882
Recd 17 "

G No 2573

Enclosure (One)

No. 2731 W.A./20th Oct/82

Reporting that the building sanctioned to be purchased for the office accommodation of the Registrar of Vizagapatam is reported to be in a "dangerous state."

with order
Entd. in ~~Receipt~~ Reg.

From,

The Examiner P. W. Accounts,
Madras.

To,

The Secretary to Government,
Public Works Department.

No. 127 W.

Madras, 17th October 1882.

Sir,

Adverting to Government of India P. W. Department Notification No. 235, published in the Gazette of India of the 7th. October 1882, part I, page 404, I have the honor to report for your information and for communication to the Government of India, that Mr. G. Brown Dy. Examiner Ist. Grade, returned from leave on Medical Certificate and reported his arrival at this Office on the forenoon of the 17th. October 1882.

Publish
G.O. 2688 W of
16-10-82

I have the honor to be,
Sir,
Your Most Obedient Servant,

J. F. Ravens

for Examiner P. W. Accounts.