(1) Number of pages 50

(2) Date of repair 18.8.87

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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P.W DEPARTMENT

G.O. No. 529 W
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Dated 7 3 1885 198—.

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Archives I--10,006 1 -80.

529
1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers:—

Office note from the Examiner of Public Works Accounts, to the Secretary to Government, Public Works Department, dated Madras, 13th February 1885, No. 815.

I herewith forward copies of correspondence noted in the margin between this office and the Superintendent of the Madras Harbour Works, for such steps as you may consider necessary to take in respect to providing a grant for the adjustment of the value of machinery expected on account of the work from England, as I think that the additional grant of Rs. 50,000 will not be sufficient to meet the value of the machinery if fully received before the close of the current year. I shall, however, send you the Superintendent's reply to my last letter.

Examiner's letter, No. 551 X. of 30th January 1885.
Superintendent's letter, No. 18 C. of 2nd February 1885.
Examiner's letter, No. 575 X., dated 13th February 1885.

Enclosures.

From D. C. GORDON, Esq., Examiner of Public Works Accounts, to the Superintendent, Madras Harbour Works, dated Madras, 30th January 1885, No. 551 X.

With reference to G.O., No. 56 W. of the 8th instant, communicating statement showing estimated outlay against indents received in England up to the end of October 1884, for stores for the Public Works Department, I have the honor to request the favor of being informed, at your earliest convenience, whether you expect to receive before the close of the current official year the cranes for the Madras Harbour Works therein entered as valued at £9,942, and if so, what steps have been taken for providing a grant for the adjustment of the amount in the current year's accounts.

From F. N. THOROWGOOD, Esq., M. Inst. C.E., Superintendent, Madras Harbour Works, to the Examiner of Public Works Accounts, dated Madras, 2nd February 1885, No. 18 C.

In reply to your letter, No. 551 X. of the 30th January, I have the honor to state that I expect one crane will certainly arrive out before the end of the current official year; whether more than one will be ready or not I have at present no means of judging.

2. I have as yet received no information of steps having been taken for providing a grant for the adjustment of £9,942 or of any part of it in this year's accounts. You will, however, see in the letters attached to G.O., No. 2891 W. of 19th November, that I have asked for provision to be made for the amount in the budget grant. Also I would refer you to G.O., No. 16 W. of 9th January, in which I refer again to the want of funds—also to G.O., No. 77 W. of 10th January 1885.

3. It seems that G.O., No. 3152 W. of 23rd December 1884, has not been communicated to you; so I enclose a copy as it also bears upon the subject in hand specially drawing attention to paragraph 3 of my letter.

From D. C. GORDON, Esq., Examiner of Public Works Accounts, to the Superintendent Madras Harbour Works, dated Madras, 13th February 1885, No. 575 X.

With reference to your letter, No. 18 C., of the 2nd instant, I have the honor to state that I have just received the proceedings of Government, No. 308 W., dated the 9th February 1885, communicating India's sanction to an additional grant of Rs. 50,000 on account of the Madras Harbour Works, and shall be obliged by your informing me whether your grant, with this addition, will meet all your requirements for the year including the adjustment of the value of machinery expected from England.

2. I shall be obliged by your also informing me of the distribution of the sum of Rs. 50,000 under Works, Establishment, and Tools and Plant, and of the value of the machinery from England, which according to your knowledge or judgment is likely to be adjusted in the accounts of the current year.

Office note from the Examiner of Public Works Accounts, to the Secretary to Government, Public Works Department, dated Madras, 19th February 1885, No. 834.

With reference to my office note, No. 815, dated the 13th February 1885, I herewith forward a copy of the reply of the Superintendent, Madras Harbour Works, therein referred to.

ENCLOSURE.

From F. N. THOROWGOOD, Esq., M. INST. C.E., Superintendent, Madras Harbour Works, to the Examiner of Public Works Accounts, dated Madras, 16th February 1885, No. 20 C.

In reply to your letter, No. 575 X., of the 13th, I have the honor to state that I believe the present sanctioned grant of funds will suffice for all my requirements, including adjustment of the value of what machinery may be received from England. I cannot, however, speak with any certainty, for I do not know in the least when any machinery will be shipped.

2. I should like to distribute the grant of funds over the expenditure on the new estimate which I forwarded to you with my letter, No. 19 C. of 9th instant, but I suppose that cannot be done until special and direct Government sanction is obtained.

3. In the meanwhile, with my very imperfect knowledge of what will be shipped this month in England, I can only approximately divide the Rs. 50,000 as follows:—

	RS.
Establishment	8,000
Works	6,000
Tools and Plant	36,000

(including adjustments for machinery from England).

ORDER—dated 7th March 1885, No. 529 W., Public Works.

Recorded with remark that, so far as can at present be judged by the Superintendent, the current year's grant for the Harbour Works, as increased in G.O., No. 374 W., dated 16th February 1885, will not be exceeded owing to shipment of plant from England. Should additional funds be found necessary, before the close of the official year, to adjust charges for English stores, separate application should be made without delay.

(True Extract.)

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

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

Exd. A. Aubert.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of [1885] Madras.

PUBLIC WORKS.

Dated March, 7th.

Recd. *Encl.*

G.O., 7th March 1885, No. 529 W.

MARCH.

Madras Harbour Works

Correspondence regarding the adjustment of the value of machinery expected from England for the —, recorded with remarks.

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3

9TH JANUARY 1885, No. 66 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following letter from F. N. THOROWGOOD, Esq., M. INST. C.E, Superintendent, Madras Harbour Works, to the Secretary to Government, Public Works Department, dated Madras, 7th January 1885, No. 32 W.:—

I have the honor to acknowledge the receipt, this day, of G.O., No. 3127 W., of 19th December 1884, passing orders on recommencement of work on the harbour piers.

2. I apprehend that orders will shortly be passed sanctioning a further grant of funds without which I cannot push things forward more rapidly than at present (*vide* my letter No. 30 W., of 20th December 1884).

3 I can, however, at once, frame the estimate for restoration in the required form and consult with the Examiner, Public Works Accounts, on the detailed arrangements of the same.

ORDER—dated 9th January 1885, No. 66 W., Public Works.

The Superintendent should, at once, take up the revision of the estimate, as directed in paragraph 3 of G.O., No. 3127 W., dated 19th December 1884.

2. Additional funds have been applied for (G.O., No. 3152 W., dated 23rd December 1884); meanwhile expenditure must be limited to the sanctioned grant for the works.

(True Extract.)

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

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

Exd. A. Grubert.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1885} Madras.

PUBLIC WORKS.

Dated January. 9th.

Recd. *En*

G.O., 9th Jan. 1885, No. 66 W.

JANUARY.

Madras Harbour Works

The Superintendent instructed to at once take up the revision of the estimate for the restoration of the —.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following papers :—

From Colonel W. S. TREVOR, R.E., Secretary to the Government of India, Public Works Department (Account—General), to the Secretary to the Government of Madras, Public Works Department, dated Fort William, 31st December 1884, No. 310 A.G.

I am directed to acknowledge the receipt of your letter, No. 2892 W., dated the 19th ultimo, submitting the revised and budget estimates of 1884-85 and 1885-86 for the Madras harbour works. I am to say, in reply, that, in view of the early formation of the Port Trust, the Government of India is not inclined to sanction large expenditure of the nature of advances from Imperial revenues; and that, before making provision as desired in the revised and budget estimates under reference, the Government of India would be glad to know when the Port Trust Bill is likely to become law.

G.O., dated 8th January 1885, Mis. No. 11, Marine.

Read—the following proceedings of the Public Works Department, dated 5th January 1885, No. 8 C. :—

ABSTRACT.—Regarding Port Trust Bill for the Madras harbour.

Order—dated 8th January 1885, Mis. No. 11, Marine.

The Public Works Department will be informed that the Bill will, in all likelihood, be passed within a month. The Act will then be brought into operation with the least possible delay.

(True Extract.)

(Signed) E. F. WEBSTER,
Chief Secretary.

ORDER—dated 10th January 1885, No. 77 W., Public Works.

Ordered that the Government of India be addressed.

(Here enter No. 78 W., dated 10th January 1885.)

(True Extract.)

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

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

Exd. E. Fernandez.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of [1885] Madras.

PUBLIC WORKS.

Dated January, 10th,

Encl.

Recd.

G.O., 10th Jan. 1885, No. 77 W.

JANUARY.

Madras Port Trust Bill

Ordered that the Government of India be informed that the — will be passed in a month and that no time will be lost in bringing the Act into operation.

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10TH JANUARY 1885, No. 78 W., PUBLIC WORKS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

LETTER—from

COLONEL J. SHAW-STEWART, R.E.,

Secretary to the Government of Madras,

Public Works Department,

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,

PUBLIC WORKS DEPARTMENT.

SIR,

I am directed to acknowledge the receipt of your letter, No. 310 A.G., dated 31st December 1884, and to inform you, in reply, that the Madras Port Trust Bill will, in all likelihood, be passed within a month from this date, and that the Act will then be brought into operation with the least possible delay.

I have the honor to be,

Sir,

Your most obedient servant,

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

FORT ST. GEORGE,
10th January 1885.

Exd. E. Fernandez.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of [1885] Madras.

PUBLIC WORKS.

Dated January, 10th.

Encl.

Recd.

10th Jan. 1885, No. 78 W.

JANUARY.

Madras Port Trust Bill

Intimating that the — will, in all likehood, be passed within a month, and that the Act will then be brought into operation with the least possible delay.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following letter from Lieutenant-Colonel A. FILGATE, R.E., Deputy Secretary to the Government of India, Public Works Department (Account—Civil Works), to the Secretary to the Government of Madras, Public Works Department, dated Fort William, 4th February 1885, No. 16 A.G.W.:—

In continuation of Public Works Department letter No. 310 A.G., of the 31st December last, and with reference to your endorsement No. 3153 W., dated 23rd December 1884, I am directed to state that the Government of India has been pleased to sanction a further advance of Rs. 50,000 from Imperial funds in order to provide for outlay during the current year on the Madras harbour works.

2. The outlay incurred by the Public Works Department will be adjusted by debit to the Civil Department in the manner laid down in Public Works Department Resolution, No. 104 A.G., of the 14th March 1884.

ORDER—dated 9th February 1885, No. 308 W., Public Works.

Communicated to the officers concerned, with reference to the undermentioned proceedings:—

G.O., No. 852 W., dated 28th March 1884
" " 2891 W., " 19th Nov. "
" " 2893 W., " 19th " "
" " 3152 W., " 23rd Dec. "
" " 77 W., " 10th January 1885

(True Extract.)

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

To the Superintendent, Madras Harbour W[illegible]
" Examiner, Public Works Accounts.
" Marine Department.
" Financial "

Exd. E. Fernandez.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1885} Madras

PUBLIC WORKS.

Dated February, 9th.

Recd. *Enc*

G.O., 9th Feb. 1885, No. 308 W.

FEBRUARY.

Madras Harbour Works

Letter from the Government of India sanctioning a further sum of Rs. 50,000 for expenditure during the current year on the , communicated to the officers concerned.

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16TH FEBRUARY 1885, No. 374 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following letter from F. N. THOROWGOOD, Esq., M. INST. C.E., Superintendent, Madras Harbour Works, to the Secretary to Government, Public Works Department, dated Madras, 10th February 1885, No. 35 W.:—

With reference to the orders of Government received by me this day in which Rs. 50,000 are granted for the harbour works during the remainder of the current year (G.O., No. 308 W., of 9th February 1885), I have the honor to report that I shall at once commence active operations to as large an extent as possible. These will of necessity be chiefly confined to work upon shore, and will consist of alterations to the existing block platforms so as to suit the altered shape of the blocks, the construction of two timber travelling cranes, and of a floating craft suitable for picking up concrete blocks from the new line of foundation.

2. It now becomes necessary to determine a date from which the proposals made by me with regard to the staff of the works (G.O., No. 3574 W., dated 14th December 1883, and my letters No. 29 W., dated 20th December 1884, and No. 33 W., dated 29th January 1885, and Chief Engineer's memorandum, No. 163 C., dated 28th January 1885) should come into operation, and I would respectfully suggest that the 1st March 1885 be fixed upon as the date.

3. With regard to the appointment of a Sub-Engineer in the place of Mr. Bhemaya Saenna (see letter, No. 29 W., dated 20th December 1884), I have the honor to request special sanction to my retaining him on the staff for one month while his successor is with me, so that the work may be thoroughly understood by the successor. The kind of work is different from that on any of the public works in the presidency, and is such that a stranger could not at once understand and enter into in all its details.

4. I believe I have secured an efficient Sub-Engineer in Mr. B. C. Dumphy, who was formerly in the Public Works Department, and who has since held very good positions in Local Fund Boards.

5. On these two points, I respectfully ask for the orders of Government, namely,—

(1) That 1st March 1885 be recorded as the date from which the new scale of establishment come into action.

(2) The entertainment of the present Sub-Engineer for one month in company with his successor.

ORDER—dated 16th February 1885, No. 374 W., Public Works.

The proposals of the Superintendent, Madras Harbour Works, for utilising the additional grant of Rs. 50,000, sanctioned by the Government of India for expenditure during the remaining portion of the current official year, are approved. Care should be taken that the sanctioned grant is on no account exceeded.

2. In respect to paragraph 2 of the Superintendent's letter, attention is called to G.O. No. 292 W., dated 7th February 1885, in which the proposals made in regard

to the staff are dealt with. No date can at present be fixed as that on which active operations are to be resumed. The orders of the Government of India on the budget estimate for 1885-86 must be awaited.

3. Further orders will issue on the subject of paragraph 3.

(True Extract.)

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

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

E. E. Fernandez.
Spare Copies.

539
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BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1885} Madras.

PUBLIC WORKS.

Dated February, 16*th*.

Encl.

Read.

G.O., 16th Feb. 1885, No. 374 W.

FEBRUARY.

Madras Harbour Works

Orders on proposals of the Superintendent to utilise the additional grant of Rs. 50,000, sanctioned by the Government of India for expenditure during the current official year on the —.

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BUDGET ESTIMATE OF EXPENDITURE ON THE HARBOUR WORKS IN MADRAS DURING 1885-86.

PART I—SECTION A.

—	Budget Estimate, 1885-86.	Revised Estimate, 1884-85.	Budget Estimate, 1884-85.	Actual, 1883-84.
	RS.	RS.	RS.	RS.
Reconstruction	803,684	1,42,444	1,00,000	1,59,857
Repairs	...	...	...	...
Establishment	66,087	59,239	54,900	68,694
Tools and Plant	237,529	1,74,050	5,000	—7,725
		—633		
Suspense	150,000	40,000	20,000	4,030
		—10,900		
Total ...	12,87,300	4,04,200	1,79,900	2,24,856

	RS.
Payments in England	2,14,050
Do. in India	10,73,250
Total ...	12,87,300

(Signed) F. N. THOROWGOOD,
Superintendent, Madras Harbour Works.

MADRAS,
10th October 1884.

GOVERNMENT OF MADRAS.

PART III.

Detail of the Budget Estimate for Establishments for the Harbour Works in Madras for 1885-86.

Number. 1884-85.	Number. 1885-86.	Particulars.	Salary of Office.	Estimate for 1885-86. Per Mensem.	Estimate for 1885-86. Per Annum.	Estimate for 1885-86. Total.	Estimate for 1884-85. Charges per Annum.
			Rs.	Rs.	Rs.	Rs.	Rs.
		DIRECTION.					
		Engineer Establishment.					
1	1	Engineer-in-Chief	...	...	6,154	...	...
1	1	Total, Direction Salaries ...	...	...	6,154	6,154	5,000
		CONSTRUCTION.					
		Engineer Establishment.					
1	1	Superintendent of Works ...	1,250	1,250	...	...	...
1	1	Assistant Superintendent ...	700	700	...	...	23,400
2	2	Total ...	...	1950	23,400	...	
		Upper Subordinate Establishment.					
1	1	Sub-Engineer, 3rd grade	250	250	...	...	...
1	1	Head Foreman of Works ...	440	440	...	...	...
1	1	Mechanical or Foreman Engineer.	350	350	...		
...	1	Foreman Diver (transferred from Works)	350	350	...	...	...
1	1	Accountant, 4th grade	115	115	...	...	14,484
4	5	Total ...	...	1,505	18,060	...	
		Petty Establishment.					
1	1	Chief Storekeeper	220	220	...	...	...
1	1	Assistant Storekeeper, 4th class, 2nd grade	35	35	...	...	...
1	1	Godown-keeper, 4th class, 3d grade	25	25	...	...	...
...	1	Writer for copying, 5th class, 1st grade	17½	17½	...	...	...
1	2	Lascars	7	14	...	...	3,384
4	6	Total ...	...	311½	3,738	...	
		OFFICE ESTABLISHMENT.					
		Superintendent of Works.					
	1	Managing Clerk, 2nd class, 3rd grade	110	110	...	...	...
	1	Clerk, 4th class, 1st grade ...	45	45	...	...	...
	3	Clerks, 4th class, 2nd grade ...	35	105	...	...	...
	1	Writer for copying, 5th class, 1st grade	17½	17½	...	...	...
	1	Cashier, 4th class, 1st grade ...	45	45	...	...	...
	1	Draughtsman, 1st class	60	60	...	...	...
	1	Second do. 2nd class	42½	42½	...	...	...
	3	Peons	7	21	...	...	2,412
7	12	Total ...	...	448	5,352	...	

Detail of the Budget Estimate for Establishment for the Harbour Works in Madras—*cont.*

Number. 1884-85.	Number. 1885-86.	Particulars.	Salary of Office.	Estimate for 1885-86. Per Mensem.	Estimate for 1885-86. Per Annum.	Estimate for 1885-86. Total.	Estimate for 1884-85. Charges per Annum.
			Rs.	Rs.	Rs.	Rs.	Rs.
		OFFICE ESTABLISHMENT—*cont.*					
		Assistant Superintendent.					
1	1	Clerk, 4th class, 1st grade ...	45	45	...	...	...
1	1	Surveyor (as Draughtsman 1st class)	60	60	...	...	...
1	1	Draughtsman, 3rd class ...	25	25	...	...	...
3	3	Peons	7	21	...	...	...
6	6	Total ...	...	151	1,812	...	1,452
		Sub-Engineer Establishment.					
1	1	First Clerk and Timekeeper, 4th class, 1st grade	45	45	...	...	...
1	1	Second Clerk, 4th class, 2nd grade	35	35	...	...	...
1	1	Stone Quarry Clerk, 4th class, 2nd grade	25	25	...	...	...
1	1	Draughtsman, 3rd class	25	25	...	...	...
2	2	Peons	7	14	...	...	...
6	6	Total ...	...	144	1,728	...	1,428
		Presidency house-rent and allowances to Sub-Engineer and accountant	...	110	1,320	...	1,800
		Total, Construction Salaries ...	...	...	55,410	...	48,360
		Travelling allowances	...	...	3,000	...	1,000
		Office expenses and contingencies.	...	...	1,523	...	540
		Grand Total ...	...	...	66,087	...	54,900

ABSTRACT of foregoing provision for Establishment.

—	Salaries.	Travelling Allowances	Contingencies.	Total. 1885-86.	Total. 1884-85.
	Rs.	Rs.	Rs.	Rs.	Rs.
Direction	6,154	...	...	6,154	5,000
Construction	55,410	3,000	1,523	59,933	49,900
Total ...	61,564	3,000	1,523	66,087	54,900

MADRAS,
10th October 1884.

(Signed) F. N. THOROWGOOD,
Superintendent, Madras Harbour Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following papers:—

From F. N. THOROWGOOD, Esq., M.INST.C.E., Superintendent, Madras Harbour Works, to the Secretary to Government, Public Works Department, dated Madras, 10th October 1884, No. 21 W.

I have the honor to forward, for the sanction of Government, the budget estimate for 1885-86 of the establishments for the Madras Harbour Works.

From the same officer, dated Madras, 16th October 1884, No. 23 W.

I have the honor to acknowledge the receipt, this day, of your endorsement or note (No. 768 E., of the 14th October, returned herewith in original), upon this office letter of 15th August 1884, No. 18 W., in which you ask my opinion as to whether special application to the Government of India is now desirable for a grant of Rs. 25,000 expended on the purchase of Carlton House.

2. I wish I could reply more definitely, but with my present information I am unable to do so.

3. In the budget estimate submitted by me (letter, No. 21 W., dated 10th October 1884) for the year 1885-86 and for the remaining portion of this current year, I put down Rs. 2,24,300 as being possibly required for machinery, plant, &c., before 31st March 1885. This estimate is based upon the conclusions arrived at during the time I was working in London.

4. If there is any chance of all or even a fair proportion of this sum of Rs. 2,24,300 being granted shortly for the *new works*, it will not be necessary to apply for the Rs. 25,000. But if there is a certainty of the original sanctioned grant of Rs. 1,79,900 for the current year being rigidly adhered to up to March 31st, then there is no doubt whatever that the Rs. 25,000 expended on Carlton House will be required for the work as now going on.

ORDER—dated 19th November 1884, No. 2891 W., Public Works.

The revised estimate of the Madras Harbour Works for 1884-85 and the budget estimate for 1885-86, submitted by the Superintendent in charge of the works, will be forwarded for the sanction of the Government of India with recommendation that early orders be passed thereon.

2. It is observed that the revised estimate for the current official year is in excess of the grant already sanctioned by Rs. 2,24,300. The increase is explained to be necessary to provide for expenditure based on the conclusions arrived at during Mr. Thorowgood's stay in England.

3. The two clerks on Rs. 17½ each, provided in the budget estimate under Petty and Office establishments, are in excess of the sanctioned scale, and should not be entertained without specific authority.

(Here enter No. 2892 W., dated 19th November 1884.)

(True Extract.)

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

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

ENDORSEMENT—dated 19th November 1884, No. 2892 W., Public Works.

Forwarded.

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

Exd. A. Aubert.
Spare Copies

583/12

GENERAL.
ACCOUNT.

Govt. of (1884) Madras.

PUBLIC WORKS.

Dated November, 1884.

Encl.

Read.

G.O., 19th Nov. 1884, No. 2892 W.

NOVEMBER.

Madras Harbour Works.

Forwarding revised estimate of the — for 1884-85 and budget estimate for 1885-86.

523
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GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following letter from F. N. THOROWGOOD, Esq., M. INST. C.E., Superintendent, Madras Harbour Works, to the Secretary to Government, Public Works Department, dated Madras, 20th December 1884, No. 30 W.:—

I have the honor to place before Government the present financial state of affairs on the Madras Harbour Works.

2. At present I am working only with the sanctioned grant of money for the current year, namely, Rs. 1,79,900. I am doing as much work as I can without exceeding this grant, but the work is small compared to what might be done if more funds were at hand, as I ventured to point out in my report accompanying G.O., No. 2893 W., of 19th November 1884, paragraphs 5 and 6.

3. Rubble base is being deposited as briskly as the train service and the state of the sea will admit, and plant and machinery is being repaired to a small extent. There are however very heavy works to be carried out on shore, works that are of the utmost importance and which should be commenced at once, but they cannot be touched without more funds. Moreover, should one of the Titan cranes arrive next month, as is very probable, I shall not have funds available for promptly setting to work at erecting it, unless I at once stop all work at the rubble bases.

4. The state of the accounts is now as follows. The balance in hand on December 31st will be Rs. 46,616 as nearly as possible, and the expenditure during January, February and March 1885, if the work goes on *precisely as at present* without employing one extra hand or purchasing one piece of timber, will amount to Rs. 49,000.

5. If the Rs. 25,000 for Carlton house, referred to in my letter, No. 23 W., of 16th October (G.O., No. 2891 W., November 19th) were granted, the present difficulty would be surmounted; but I venture to think that it would be in the best interest of the works to apply for an additional grant of Rs. 50,000 for the next three months, as it is imperative that funds shall be at hand for landing and building the Titans, for altering and extending the block grounds, and for making new block frames and new blocks.

ORDER—dated 23rd December 1884, No. 3152 W., Public Works.

Ordered to be forwarded to the Government of India in continuation of the revised budget estimate for the current year, and with a view to early orders being passed thereon, and the additional funds applied for being made available.

(Here enter No. 3153 W., dated 23rd December 1884.)

(True Extract.)

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

To the Superintendent, Madras Harbour Works.

ENDORSEMENT—dated 23rd December 1884, No. 3153 W., Public Works.

Copy of the above forwarded to the Government of India in continuation of endorsement, No. ~~2892~~ 2892 W., dated 19th November 1884.

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

Exd. A. Grubert.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of {1884} Madras.

PUBLIC WORKS.

Dated December, 23rd.

Recd. *Encl.*

G.O., 23rd Dec. 1884, No. 3153 W.

DECEMBER.

Madras Harbour Works

Forwarding application from the Superintendent, Madras Harbour Works, for an additional grant for the Madras Harbour Works.

Enclosure to Public Works Department letter No. 299 A.—G., dated December 18, 1884.

Statement showing the estimated outlay against indents uncomplied with on the 1st October 1884, and those received during that month, for stores for the Public Works and Telegraph Departments.

Indent. No.	Indent. Date.	Province.	Total estimated amount of each indent, excluding freight.*	Estimated freight payable in England.	Extent to which each indent had been complied with up to 30th September, including freight.	Balance to be complied with on 1st October, including freight.	Expenditure in October, including freight.	Balance of each indent remaining to be complied with, inclusive of freight to be paid in England. In 1884-85.	In 1885-86.	In subsequent years.
		I.—Indents for stores, the cost of which is treated as an Ordinary Final charge under Public Works in the Home Accounts.	£	£	£	£	£	£	£	£
Letter 22R.S.	26th Feb. 1884	Bengal—Arithmometers for repair ...	32	1	...	33	32	1	...	...
1	29th May „	Coal, Filters, Piping, &c. ...	†2,630	300	...	2,930	477	2,453	...	...
Telegram ...	11th Aug. „	Madras—Coke	146	150	...	296	...	296	...	...
...	16th „ „	Locks and Wire Rope ...	30	1	...	31	...	31	...	...
...	11th Sept. „	Steam Engine for Godavery Eastern Division.	250	10	...	260	...	260	...	...
4	11th Jan. „	Bombay. Padlocks for Military Prisons	36	1	36	1	1	...	...	...
1 27P.	14th June „	Galvanised Plates for Hyderabad.	16	2	16	2	1	1	...	...
3	12th Aug. „	Cement and Dynamite for Aden.	‡73	‡46	...	119	73	46	...	...
		TOTAL ...	3,213	511	52	3,672	584	3,088	...	...
		II.—Indents for stores, the cost of which is treated as a Productive Public Works charge under Irrigation in the Home Accounts.								
1	3rd Jan. 1883	Bengal—Steamer for Sone Canals ...	3,155	273	297	3,131	3,131	...	...	...
Telegram ...	10th Sept. 1884	Madras—Centrifugal Pumps for Sangam Project.	67	2	...	69	...	69	...	...
		TOTAL ...	3,222	275	297	3,200	3,131	69	...	...
		III.—Indents for stores, the cost of which is treated as a Remittance to India in the Home Accounts.								
1	June 1882	Bengal—Dredger, &c., for British Burma.	15,795	750	6,644	9,901	...	9,901	...	...
...	14th Aug. 1883	Water-pipes for Khamgaon and Amraoti.	4,615	634	5,221	28	28	...	...	...
21P.	24th „ „	Quarrying Machine for Assam	55	*Nil*	...	55	...	55	...	...
23P.	12th Oct. „	Brushes, Drawing, &c., for Roorkee Workshops.	612	5	616	1	1	...	...	...
25P.	31st Dec. „	Steam Launch for Assam ...	Supply suspended by telegram of 5th March 1884.							
26P.	27th Feb. 1884	Dovetailing Machine for Roorkee Workshops.	115	3	...	118	...	118	...	...
14P.R.	18th Mar. „ „	Tramway rails, &c., for Assam	5,145	363	...	5,508	5,508	...	...	...
15P.R.	21st Apl, „	Trucks for Assam Tramways.	450	30	...	480	480	...	...	...
16P.R.	17th June „	Trucks for Assam Tramways.	506	30	...	536	...	536	...	...
18P.R.	14th Aug. „	Locomotive Wagons, &c., for Assam Tramways.	506	30	...	536	...	536	...	...
19P.R.	4th Sept. „	Rails, Machines, &c., for Assam Tramways.	5,389	330	...	5,719	...	5,719	...	...
		Carried over ...	33,183	2,175	12,481	22,882	6,017	16,865	...	...

* The entries in this column will be corrected from time to time by the result of letting the contracts.
† The cost of the pipes is less than was estimated.
‡ Cost and freight of dynamite not included being still unknown.

Statement showing the estimated outlay against indents uncomplied with on the 1st October 1884, and those received during that month, for stores for the Public Works and Telegraph Departments—*contd.*

Indent No.	Indent Date	Province.	Total estimated amount of each indent, excluding freight.*	Estimated freight payable in England.	Extent to which each indent had been complied with up to 30th September, including freight.	Balance to be complied with on 1st October, including freight.	Expenditure in October, including freight.	Balance of each indent remaining to be complied with, inclusive of freight to be paid in England. In 1884-85.	In 1885-86.	In subsequent years.
			£	£	£	£	£	£	£	£
		Brought forward ...	33,188	2,175	12,481	22,882	6,017	16,865	...	...
...	20th Aug. 1883	Madras—Stores for Guindy Waterworks, &c.	864	30	505	389	3	386	...	...
...	29th Oct. „	Archimedean Drills, &c., &c.	3,937	150	3,119	968	793	175	...	...
...	2nd April 1884	Girders for Opthalmic Hospital.	95	10	...	105	...	105	...	...
Letter from Mr. Parkes.	12th July „	Cranes for Madras Harbour Works.	9,642	300	...	9,942	...	9,942	...	...
...	16th Aug. „	Minton's Tiles and Mortar Mills.	51	5	...	56	...	66	...	...
...	30th Sept. „	Iron Sheet, &c., for Church at Wellington.	300	10	...	310	...	310	...	...
1	2nd May 1883	Bombay—Wire Rope for Darna Bridge.	50	1	50	1	1	...	...	...
5	1st Feb. 1884	Miscellaneous Stores for Karachi and Bombay.	1,584	95	1,660	19	10	9	...	...
2	10th June 1883	Dredge Buckets, &c., for Dredgers.	1,315	65	...	1,380	...	1,380	...	...
4	3rd Oct. 1884	Iron Girders for Obstetric Hospital.	150	5	...	155	...	155	...	...
5	17th „ „	Stores for Mathematical Instrument Depôt, Bombay.	583	15	...	598	...	598	...	...
		Total ...	51,759	2,861	17,815	36,805	6,824	29,981	...	...
		IV.—Indents for stores for the Indian Telegraph Department.								
1	5th Nov. 1883	Bengal—Posts, Insulators, &c., and Wire.	23,347	800	14,836	9,311	4,008	5,303	...	...
12	23rd Jan. 1884	Paging Machines, Tools, &c.	1,106	30	393	743	83	660	...	...
2	24th April „	Brackets, Insulators, and Wire.	3,921	100	3,629	392	169	223	...	...
3	30th „ „	Posts, Brackets, &c., and Wire.	2,843	100	259	2,684	603	2,081	...	...
4	2nd May „	Posts, Insulators, &c., and Wire.	7,351	240	...	7,591	224	3,572	3,795	...
5	19th „ „	Relays	293	*Nil*	...	293	293	...	...	...
41	17th „ „	Electrical Balances and Wire.	1,759	15	...	1,774	...	1,774	...	...
8	24th Sept. „	Insulators Terminal, Brackets, &c.	1,130	25	...	1,155	...	1,155	...	...
Telegram	10th Oct. „	Materials for Ceylon Telegraph Cable.	3,500	110	...	3,610	...	3,610	...	...
	24th „ „	Insulators Cups and Stalks	4,407	100	...	4,507	...	...	4,507	...
		Carried over ...	49,657	1,520	19,117	32,060	5,380	18,378	8,302	...

* The entries in this column will be corrected from time to time by the result of letting the contracts.

Statement showing the estimated outlay against indents uncomplied with on the 1st October 1884, and those received during that month, for stores for the Public Works and Telegraph Departments—*concld.*

Indent No.	Indent Date	Province.	Total estimated amount of each indent, excluding freight.*	Estimated freight payable in England.	Extent to which each indent had been complied with up to 30th September, including freight.	Balance to be complied with on 1st October, including freight.	Expenditure in October, including freight.*	Balance of each indent remaining to be complied with, inclusive of freight to be paid in England. In 1884-85.	In 1885-86.	In subsequent years.
			£	£	£	£	£	£	£	£
		Brought forward ...	49,657	1,520	19,117	32,060	5,380	18,378	8,302	...
1	5th Nov. 1883	Madras—Posts, Insulators, &c., and Wire.	7,794	300	7,687	407	41	366	...	...
12	23rd Jan. 1884	Axes, &c.	55	5	10	50	27	23	...	...
2	24th April „	Posts, Insulators, &c., and Wire.	13,848	600	1,412	13,036	4,278	8,758	...	...
3	30th „ „	Posts, Brackets, &c., and Wire.	1,956	80	...	2,016	74	1,942	...	...
4	2nd May „	Posts, Insulators, &c., and Wire.	12,760	420	...	13,180	...	6,590	6,590	...
8	24th Sept. „	Insulators Terminal, Brackets, &c.	265	8	...	273	...	273	...	...
Telegram	24th Oct. „	Insulator Cups and Stalks ...	1,652	45	...	1,697	...	1,697	...	...
1	5th Nov. 1883	Bombay—Posts, Insulators, &c., and Wire.	15,836	600	9,511	6,925	51	6,874	...	...
12	23rd Jan. 1884	Tools, &c.	104	6	57	53	2	51	...	...
2	24th April „	Brackets, Insulators, Wire, &c.	6,689	120	8,514	2,295	640	1,655	...	...
3	30th „ „	Posts and Brackets ...	1,545	70	...	1,615	140	1,475	...	...
4	2nd May „	Posts, Insulators, &c., and Wire.	7,430	240	...	7,670	465	3,370	3,835	...
6	24th July „	Posts, Insulators, &c., and Wire.	9,173	260	...	9,433	...	9,433	...	...
8	24th Sept. „	Insulators Terminal, Brackets, &c.	388	10	...	398	...	398	...	...
Telegram	24th Oct. „	Insulator Cups and Stalks ...	2,203	50	...	2,253	...	2,253	...	...
		Total ...	130,335	4,334	41,308	93,361	11,098	63,536	18,727	...
		V.—Indents for stores for the Indo-European Telegraph Department.								
1	3rd Aug. 1883	Poles, Insulators, &c. ...	497	56	541	12	...	12	...	...
74	14th Sept. „	Cable, Stores, &c. ...	12,296	500	12,519	277	45	232	...	...
512	20th May 1884	Chain and Links for *Patrick Stewart.*	5	1	5	1	1	...	...	...
Letter from Col. Champain.	14th May and 13th June 1884.	India-rubber Bands for Batteries.	14	1	...	15	...	15	...	...
2	21st Feb. „	Relays, &c., &c. ...	76	2	...	78	...	78	...	...
		Total ...	12,888	560	13,065	383	46	337	...	...

* The entries in this column will be corrected from time to time by the result of letting the contracts.

India Office;
London, 14th *November* 1884.

(Sd.) A. A. JOPP,
Director General of Stores.

No. 756, P. W. D. Press—18-12-84—123.

P.W.D.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

ACCOUNT.
General.

To

No. 299 A.—G.

Dated December 18, 1884.

Received

Communicated to officers concerned.

(Signed)

Ch. Ke. for Drft.
Supty. Engrs I, II, III & V Circles
Consg: Asst. to Govt.
Supt. Tn. & H. Works
Ex. Er. P. W. Accts.
Ch. Supt. of Tels: Rs. Dr.

Forwards, for information, copy of a statement showing the estimated outlay against indents, received in England up to the end of October 1884, for stores for the Public Works and Telegraph Departments.

No. 756, P. W. D. Press.—18-12-84—123.

With Orders

528
17

No. 299 A.—G.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

ACCOUNT.
General.

To

THE GOVERNMENTS OF MADRAS, BOMBAY, BENGAL, THE NORTH-WESTERN PROVINCES AND OUDH, AND THE PUNJAB, PUBLIC WORKS DEPARTMENT.
THE CHIEF COMMISSIONERS OF THE CENTRAL PROVINCES, BRITISH BURMA, AND ASSAM.
THE RESIDENT AT HYDERABAD.
THE AGENT TO THE GOVERNOR GENERAL FOR CENTRAL INDIA.
THE DIRECTOR GENERAL OF TELEGRAPHS.
THE INSPECTOR GENERAL OF MILITARY WORKS.
THE EXAMINER OF TELEGRAPH ACCOUNTS.

Fort William, December 18, 1884.

SIR,

I am directed to forward herewith, for information, copy of a statement received from the Director General of Stores at the India Office, showing the estimated outlay against indents, received in England up to the end of October 1884, for stores for the Public Works and Telegraph Departments.

I have the honor to be,
SIR,
Your most obedient Servant,

A. G. BEGBIE, Major, R. E.,
Under Secy. to the Govt. of India.

Document accompanying.

Statement showing the estimated outlay against indents, received in England up to the end of October 1884, for stores for the Public Works and Telegraph Departments.

(Form No. viii.)

GOVT. OF MADRAS. } 1885. { P. W. DEPT.

EXAMINER, P. W. ACCOUNTS.

Madras, 13th February 1885.

OFFICE NOTE No. 815

To

W.

SECRETARIAT TO GOVERNMENT 14 FEB 85 PUBLIC WORKS DEPARTMENT

Encs: 3

I herewith forward copies of correspondence noted in the margin between this Office and the Suptt. of the Madras Harbor Works for such steps as you may consider necessary to take in respect to providing a grant for the adjustment of the value of Machinery expected on account of the work from England, as I think that the additional grant of Rs. 50,000 will not be sufficient to meet the value of the machinery if fully received before the close of the current year. I shall however send you the Suptt's reply to my last letter.

C.

KEEP WITH Genl. No.

dated 188 .

Examiner's letter No. 551 X. of 30th. January 1885.
Suptt's. letter No. 18 C. of 2nd. February 1885.
Examiner's letter No. 595 X. dated 13th. February 1885.

[Form No. 1.]

509
/89

N.B.—In any future communication on this subject, the number and date of this letter should be quoted.

No. 581 R.

From

THE EXAMINER,
PUBLIC WORKS ACCOUNTS,
MADRAS.

To

The Superintendent
Madras Harbor Works.

Madras, 20 ~~February~~ January 1885.

Sir,

With reference to G.O. No. 56 W. of the 8th Instant communicating statement showing estimated outlay against indents received in England up to the end of October 1884 for Stores for the P.W. Department, I have the honor to request the favor of being informed at your earliest convenience whether you expect to receive before the close of the current official year the Cranes for the Madras Harbor Works therein entered as valued at £9902, and if so, what steps have been taken for providing a grant for the adjustment of the amount in the Current year's accounts.

I have the honor to be,
Sir,
Your most ob.t servant
(Signed) D.R. Gordon.

(True copy)
H.E. Sutton
Supdt. Correspondence Bch
E.P. 13/2 R.M. 13/2

Examiner P.W. Accts
D.R.M. 14/2 Madras

No. 186

From

The Superintendent
Madras Harbour Works.

To

The Examiner, P.W. Accounts
Ichapak

Madras February 2d 1885

Sir,

In reply to your letter No. 551x of the 30th January, I have the honor to state that I expect one Crane will certainly arrive out before the end of the current official year whether more than one will be ready or not. I have at present no means of judging.

2. I have as yet received no information of steps having been taken for providing a grant for the adjustment of £ 9942 or of any part of it in this years accounts. You will however see in the letters attached to G.O. 2891 W of Novr: 19th that I have asked for provision to be made for the

amount-

amount in the Budget Grant. Also I would refer you to G.O. No 88 W of January 9th in which I refer again to the withdrawal of funds - also to G.O. No 77 W of 30th January/85.

3. It seems that G.O. No 3152 W of 23 Dec/84 has not been communicated to you, so I enclose a copy as it also bears upon the subject in hand, specially drawing attention to paragraph 3 of my letter.

I have &c

(S) J. N. Thorowgood
Lt. R.E.
Supt M. H. Works

True Copy

G.E. Sattow
Supt Correspondence Branch

29.
13/2.

509/21

COPY OF LETTER FROM THE EXAMINER P. W. ACCOUNTS MADRAS, TO THE SUPERINTENDENT MADRAS HARBOR WORKS NO. 575 X. DATED 13th FEBRUARY 1885.

WITH REFERENCE TO YOUR LETTER NO. 15-C. OF THE 2ND. INSTANT, I HAVE THE HONOR TO STATE THAT I HAVE JUST RECEIVED THE PROCEEDINGS OF GOVERNMENT NO. 308 W. DATED THE 9TH. FEBRUARY 1885 COMMUNICATING INDIA'S SANCTION TO AN ADDITIONAL GRANT OF RS. 50,000 ON ACCOUNT OF THE MADRAS HARBOR WORKS, AND SHALL BE OBLIGED BY YOUR INFORMING ME WHETHER YOUR GRANT WITH THIS ADDITION WILL MEET ALL YOUR REQUIREMENTS FOR THE YEAR INCLUDING THE ADJUSTMENT OF THE VALUE OF MACHINERY EXPECTED FROM ENGLAND.

2. I SHALL BE OBLIGED BY YOUR ALSO INFORMING ME OF THE DISTRIBUTION OF THE GRANT OF RS. 50,000 UNDER FOLLOWING ESTABLISHMENT AND TOOLS AND PLANT AND OF THE VALUE OF THE MACHINERY FROM ENGLAND WHICH ACCORDING TO YOUR KNOWLEDGE OR JUDGMENT IS LIKELY TO BE ADJUSTED IN THE ACCOUNTS OF THE CURRENT YEAR.

(TRUE COPY.)

G.E. Sattow
SUPT. CORRESPONDENCE BRANCH.

29.
13/2

Form No. 418.

GOVT. OF MADRAS. 1885.

EXAMINER, P. W. ACCOUNTS.

Madras, 19 February 1885

Office Note No. 834

To

W.

With reference to my office Note No. 813 dated the 13th February 1885, I herewith forward a copy of the reply of the Superintendent Madras Harbor Works therein referred to.

KEEP WITH Genl. No.

dated 188

Copy of letter from the Superintendent Madras Harbour Works to the Examiner P.W. Accounts Madras No. 20 C. dated 16th February 1885.

In reply to your letter No. 575 A. of the 13th I have the honor to state that I believe the present sanctioned grant of funds will suffice for all my requirements, including adjustment of the value of what machinery may be received from England. I cannot however, speak with any certainty for I do not know in the least when any machinery will be shipped.

2. I should like to distribute the grant of funds over the expenditure on the new estimate which I forwarded to you with my letter No. 170 of 9th Instant, but I suppose that cannot be done until special and direct Government sanction is obtained.

3. In the meanwhile, with very imperfect knowledge of what will be shipped this month in England, I can only approximately divide the Rs. 60,000 as follows:—

	Rs.
Establishment	6000
Works	6,000
Tools and Plant	36,000

(including adjustments for machinery from England.)

/True Copy/

H. Statton

Supt. Correspondence Branch.

89 19/2

19/2.

No 529 W

P.W. Department

Proceedings of the Madras Government

under date the 7th March 85

Read the following:-

Office Note from the Ex: P.W. Accts. N.C. No 815 of 13th Feby: 85

do " " 834 of 19th Feby: 85

Recorded, with re-
mark that, so far as
can at present be judged
by the Superintendent,
the current year's grant
for the Harbour Works,
as increased in G.O. 374 W
dated 16th February 85, will
not be exceeded owing to

shipment of plant from England. Should addi-
-tional funds be found necessary, before the close of the official year, to adjust charges for English stores, separate application should be made without delay.

CJ
21.2.85

H.
6.3.85

H/3

Supt. in K. Works 7/3/85
Ex. P.W. accts. 17/5/85

C.S.

1368

Govt. of Madras. 1885.

PUBLIC WORKS.

Dated

Rec.

Encl. 1

G.O., 7 Mar 1885, No. 2

Correspondence
[illegible]
Value of machinery
[illegible]
[illegible]