(1) Number of pages 42

(2) Date of repair April 88

(3) Initials of the Referencer bvg

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P. W. D DEPARTMENT

G.O. No. / B.P. No.		Press. / Mis.
	2788 } W. 2789 2790 }	
Dated 19.10.1887		~~198~~ .

Not to be folded or roughly handled.

Archives —1 10,006-9 88

2788/9c
1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following papers :—

From Colonel H. M. VIBART, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Porto Novo, 3rd October 1887, No. 2697—(Through the Examiner, Public Works Accounts).

In continuation of my letter No. 2485, dated 15th September 1887, I have the honor to forward a special supplemental indent, in triplicate, on the Home Government for additional machinery required for the Periyár project works. This machinery the Superintending Engineer, VI Circle, wishes to obtain from the sum set free by the traction engine and wagons not being required and which were therefore not included in the indent sent on the 15th September 1887.

2. All stores for the Periyár project works entered in this and in the previous indent to be shipped to Tuticorin, the nearest port of delivery to the works.

No. 342 S.E.

Letter No. 2697, dated 3rd October 1887, with three enclosures, forwarded to the Secretary to Government, Public Works Department, with the necessary certificate.

MADRAS,
10th October 1887.

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

ENCLOSURE.

CERTIFICATE by the Examiner, Public Works Accounts.

Number and date of indent, or letter with which received.	Description and value of articles indented for.		Work and division to which the value is chargeable.	Grant.		Certificate attached by the Examiner.
				Amount.	Authority.	
1	2		3	4	5	6
Superintending Engineer, V Circle, letter No. 2697, dated 3rd October 1887.	*Provincial.* Additional machinery required from England for the Periyár project.	£ s. d. 1,183 15 0	Periyár project division, Tools and Plant.	RS. 88,500	G.O., No. 2314 W., dated 29th August 1887.	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 1887-88, have been provided for in the estimates of the Public Works Department to the extent of £1,183-15-0.

MADRAS,
10th October 1887.

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

Order—dated 19th October 1887, No. 2788 W., Public Works.

Ordered to be forwarded to the Home Government for early compliance.

(Here enter No. 2789 W., dated 19th October 1887.)

(True Extract.)

(Signed) J. O. HASTED, Colonel, R.E.,
Secretary to Govt., P.W.D.

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

Exd. J. Moses.
Spare Copies

2788-90
2

GENERAL.
ACCOUNT.

Govt. of [1887] Madras.

PUBLIC WORKS.

Dated October, 19th.

Read. *Encl.*

G.O., 19th Oct. 1887, No. 2788 W.

OCTOBER.

Indent

A special supplemental — for stores required for the Periyár project, ordered to be forwarded to the Home Government for compliance.

19TH OCTOBER 1887, No. 2789 W., PUBLIC WORKS.

2788/2

PUBLIC WORKS DEPARTMENT.

General Account.

LETTER—from

COLONEL J. O. HASTED, R.E.,
Secretary to the Government of Madras,
Public Works Department,

To

THE DIRECTOR-GENERAL OF STORES,
INDIA OFFICE,
LONDON.

SIR,

In continuation of my letter No. 2601 W., dated 30th September 1887, I am directed to forward, for favor of early compliance, a special supplemental indent for stores required for the Periyár project, and to invite your attention to the request that the stores may be shipped to Tuticorin.

2. A certificate by the Examiner, Public Works Accounts, showing that funds to meet the cost of the stores have been provided in the estimates of the current official year, is embodied in the proceedings * of Government herewith forwarded.

* No. 2788 W., dated 19th October 1887.

I have the honor to be,
Sir,
Your most obedient servant,

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

CHEPÂK,
19th October 1887.

Exd. J. Moses.
Spare Copies.

2788-90
4

GENERAL.
ACCOUNT.

Govt. of {1887} Madras.

PUBLIC WORKS.

Dated October, 19th.

Recd. *Encl.*

19th Oct. 1887, No. 2789 W.

OCTOBER.

Indent

Forwarding to the Director-General of Stores, India Office, a special supplemental — for stores required for the Periyár project.

2788/5

PUBLIC WORKS DEPARTMENT.

General Account.

LETTER—from

COLONEL J. O. HASTED, R.E.,
Secretary to the Government of Madras,
Public Works Department,

To

THE DIRECTOR-GENERAL OF STORES,
INDIA OFFICE,
LONDON.

SIR,

In continuation of my letter No. 2601 W., dated 30th September 1887, I am directed to forward, for favor of early compliance, a special supplemental indent for stores required for the Periyár project, and to invite your attention to the request that the stores may be shipped to Tuticorin.

2. A certificate by the Examiner, Public Works Accounts, showing that funds to meet the cost of the stores have been provided in the estimates of the current official year, is embodied in the proceedings * of Government herewith forwarded.

* No. 2788 W., dated 19th October 1887.

I have the honor to be,
Sir,
Your most obedient servant,

(Signed) J. O. HASTED, Colonel, R.E.,
Secretary to Govt., P.W.D.

CHEPÂK,
19th October 1887.

ENDORSEMENT—dated 19th October 1887, No. 2790 W., Public Works.

Copy of the above, with copy of the indent, forwarded to the Government of India for information.

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

Exd. J. Moses.
Spare Copies.

GENERAL.
ACCOUNT.

Govt. of {1887} Madras.

PUBLIC WORKS.

Dated October, 19*th*.

Recd. *Encl.*

19th Oct. 1887, No. 2790 W.

OCTOBER.

Indent

Copy of letter to the Director-General of Stores, India Office, forwarding a special supplemental—for stores required for the Periyár project, forwarded to the Government of India for information.

29TH AUGUST 1887, No. 2314 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Civil Works.
Irrigation.

READ again—

Proceedings of the Madras Government, Public Works Department, dated 13th August 1887, No. 498 I.

Read—the following letter from Major A. G. BEGBIE, R.E., Officiating Deputy Secretary to the Government of India, Public Works Department (Account—Irrigation), to the Secretary to the Government of Madras, Public Works Department, dated Simla, 1st August 1887, No. 68 A.I.:—

In continuation of my letter, No. 83 A.I., dated 19th November last, I am directed to inform you that the Government of India has been pleased to allot a sum of Rs. 1,50,000 under "48. Irrigation—Capital Expenditure not charged against Revenue" for outlay in the current year on acquiring land and commencing work on the Periyár project. The grant now given is below the amount that was requested in your letter, No. 690 I., dated 14th October 1886, but it is possible the Government of Madras may be able to supplement the allotment by re-appropriation from the grants for existing works. Judging from the actual * transactions of the past three years, the grant as now increased should be amply sufficient for all requirements.

2. I am to add that the Government of India will, if possible, allot Rs. 6,00,000 for the work for 1888-89, and in framing the forecast of probable expenditure during the next five years on Productive Public Works, called for in another letter, that amount should be provided for the Periyár project.

* 48. Irrigation.
Capital Expenditure not charged against Revenue.

	Budget grant.	Actuals.
	Rs.	Rs.
1884-85	19,84,000	16,10,444
1885-86	18,20,000	14,94,677
1886-87 (approximate).	15,05,000	9,90,556

Order—dated 13th August 1887, No. 498 I., Public Works.

Communicated to the Superintending Engineer, VI Circle, who will suggest as soon as possible the arrangements necessary for the commencement of the Periyár project.

(True Extract.)

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

READ also—

No. 88 C.

Note on proposed programme of work in connection with the Periyár Project for the season 1887-88.

In the printed statement, printed with G.O., No. 354 I., of 8th June 1887, the expenditure on works during the first year is entered at Rs. 4,00,000; this was intended to include Rs. 2,40,000 as the cost of the machinery to be ordered from England and Rs. 1,60,000 for local expenditure, made up roughly as follows:—

	RS.
Construction of road and foot-paths	40,000
Buildings and lines	1,00,000
Preliminary expenditure	20,000

2. This estimate was based on the supposition that sanction to begin work would be notified before the beginning of the official year so that arrangements for the organisation both of labour and establishment could be made at leisure during April, May and June, and work commenced vigorously as soon as the state of the climate admitted.

3. This of course cannot be done this year, as it will be practically impossible to begin work before the beginning of September, and it is possible that not much can be done till a month later.

4. The sanction to begin work was quite unexpected, and for the first month or two the supply of labour will be small, though our former experience shows that, as the news of the commencement of operations spreads, labourers will come in until we have as many as we want.

5. Taking all the circumstances into consideration, I do not think we can reckon with certainty on being able to spend usefully a larger sum than Rs. 50,000 * during the present season, and this sum I would propose to distribute as follows:—

* Exclusive of establishment charges.

	RS.
On road and foot-paths	25,000
On lines and buildings	20,000
On preliminary expenditure	5,000

6. It is quite possible that more can be spent, as the labour will probably come in freely during December, January and February, but it will be better to begin gradually than to attempt to do too much at first and possibly to waste time and money by working with an imperfect organisation.

7. Practically the effect of beginning in this manner in the middle of a season instead of at the beginning will be to throw everything back half a season, and the work will occupy five full seasons and two halves and be completed (assuming that we follow the programme laid down in my original report, and adopted in the forecast printed with G.O., No. 354 I. of 8th June 1887) by October of the seventh season (October 1893) instead of occupying six full seasons and being completed in February of the sixth season.

8. It happens that the working season is divided into two parts very similar in character, each beginning with a very rainy month (July and November) and followed by three months of increasing dryness. Practically therefore all the statements and estimates of progress contained in my original report may hold good, the dates being simply shifted four months back.

9. With regard to the establishment required for the present season's work, it would seem desirable that the operations should be in charge of the officer who is to be selected for the permanent charge of the work on the hills; I understand that it is proposed to select Mr. H. S. Taylor for this duty, and this selection would be in accordance with my own wishes. Whoever the officer is, I would recommend that he should be directed to join as soon as possible and place himself under my orders.

9755/90
8

10. In addition to the officer, two upper subordinates will be required, who should, if possible, be military men, and in any case Europeans.

11. The office establishment required would be—

	One clerk on Rs. 40 for Executive Engineer.
Later on an additional clerk on Rs. 30 and a draftsman may probably be required, but they are not necessary at present.	One clerk on Rs. 30 for Superintending Engineer.
	Two clerks on Rs. 25 for subordinates.
	Two peons on Rs. 10 for Executive Engineer.
	Four lascars on Rs. 9 for do.
	Two lascars on Rs. 9 for subordinates.

A medical subordinate would also be required.

12. The Examiner of Public Works Accounts would be best able to judge whether the work should be considered as an independent division as regards accounts or as a sub-division of Madura; at first sight the latter appears the better course, but it must be remembered that Madura is already burdened with the accounts of the Vaigai bridge and of a Tank Maintenance party, both of which are, as regards executive work, independent charges, and if a third independent sub-division were added, it would probably be necessary to provide an additional accountant for that division. As, in any case, the Periyár works next year must form at least two independent divisions, it will probably be better to start one of them at once; in that case, besides the accountant an additional clerk on Rs. 30 will be required for accounts work.

13. It is hoped that both officers and subordinates will be granted the additional allowances specified in paragraph 245 of my report and detailed in statement No. III attached thereto.

14. I presume that Government desire me for the present to superintend these works in addition to the ordinary work of the circle; if so, I must ask to be allowed to delegate a certain amount of the routine work of my office to the Executive Engineer in charge of the head-quarter division (Trichinopoly). This work is very heavy, and, as during the next month or two I shall have to be a good deal out of doors at a place more than 180 miles from my head-quarters, the more of it I can get rid of the better. It is not necessary to specify precisely what work I should propose thus to delegate; the Government may be assured that it will be only what can be delegated without injury to the public service.

15. The above remarks have reference only to the work to be done locally during the current season, but the whole of the machinery should, if possible, be ordered so as to arrive in Madras not later than the end of July 1888, and, if this is to be paid for during this year, an additional grant of Rs. 2,40,000 will be required.

16. In connection with this subject I wish to draw particular attention to paragraph 246 of my report and to paragraph 11 of Colonel Hasted's note, No. 44 I., printed with G.O., No. 355 I., of 27th April 1883. It is of the utmost importance that the machinery should be selected and ordered after personal discussion with the manufacturers, and I have no hesitation in saying that, if it be ordered in the ordinary way by indent through the India Office, delays and misunderstandings will be likely to arise which may seriously affect the economical and efficient execution of the work.

17. I have been studying this subject for years, and can assert confidently that there are numerous points of detail, trivial in appearence but important in reality, which it would be almost impossible to specify in an indent, and that the cost of my deputation to England for a few months would be repaid over and over again by the superior efficiency of plant selected after personal consultation between the India Office officials, the makers, and myself, as compared with that selected by the former on written indents.

18. Four or five months would do all that was necessary, and it would be easy for me to start Mr. Taylor at work this year and return in time for the serious work of next season.

PULIANGUDI,
8th August 1887.

(Signed) J. PENNYCUICK, Lieut.-Col., R.E.,
Superintending Engineer, VI Circle.

No. 25 E.W.

Note by the Chief Engineer for Irrigation.

In forwarding the enclosed note by Colonel Pennycuick on the arrangements he considers advisable for the commencement of the Periyár project, for which the Government of India, in their letter, No. 68 A.I., dated 1st August 1887, have allotted Rs. 1,50,000, I request that an Executive Engineer and two selected European upper subordinates may be, as soon as practicable, appointed to the work and be ordered to join without delay.

2. With regard to office establishment, I consider it advisable that the Periyár project should be an independent division from the commencement of the work and not a sub-division of Madura. The Madura office has as much as it can well carry on, and it should not be burdened with the accounts of the Periyár project, and it will also be better for the Periyár work to start from the beginning as a separate division.

3. The office should be a third-class divisional office, consisting of —

		RS.
1	Accountant, 5th grade	57½
1	Clerk, 3rd class, 3rd grade	55
1	Do. 4th „ 2nd „	35
2	Clerks, 4th „ 3rd „	42½
1	Draftsman, 2nd class	25
1	Do. 3rd „	7
1	Messenger	6
1	Do.	6
Petty—		
4	Lascars (each)	6

For the two upper subordinates there should be two clerks on Rs. 20 each, and two lascars on the ordinary pay of Rs. 6 per month.

4. It is, I consider, necessary that a selected medical subordinate should be attached to the work, and he should join the party as soon as possible.

5. It is supposed that all officers, subordinates and office establishment, including lascars, &c., will be granted the additional allowances named in paragraph 245 of Colonel Pennycuick's report on the project when employed on the head works, these allowances to cease when they are in the plains. I request that early orders regarding these allowances may be passed, and also that Colonel Pennycuick may be authorised to entertain the office establishment asked for.

6. With regard to obtaining the machinery required for the work, I consider it absolutely necessary that an officer acquainted with the work to be done should proceed to England and order the greater portion of it after personal discussion with the manufacturers, and Colonel Pennycuick, who has for years studied the subject, should be deputed to go to England for a few months on this duty, and I request early orders sanctioning this arrangement.

7. Some of the machinery can be ordered at once in the ordinary manner by special indent on the Secretary of State. Colonel Pennycuick has been requested to submit an indent as soon as practicable for this, and it is proposed that, as soon as received, it be sent home, so that a portion of the grant allotted this official year for the work may be utilised in the purchase of this machinery; the special machinery to be selected by Colonel Pennycuick, in consultation with the India Office officials and manufacturers, will be purchased from the grant for the next official year.

8. With the establishment proposed, Colonel Pennycuick, it is thought, might continue in charge of the VI Circle for a few months, being relieved of this charge at the end of December or early in January, as there is much to be done in preliminary work, construction of roads, paths, &c., and in building lines for the coolies, &c.

9. Until the machinery is procured and shelter for the establishment and coolies is built, not much work can be done. Colonel Pennycuick should proceed home about the end of January, but before doing so will set the Executive Engineer and his establishment at work and lay out what they are to do. He will be able to return by the end of June, when the first burst of the south-west monsoon is over, and be ready to superintend the work as soon as weather will permit, arranging for the carriage of the machinery, and it is hoped that most of it will be in place and ready for work in December, a portion of it perhaps in August.

10. The Government of India proposes to allot Rs. 1,50,000 for the work this official year, and the following distribution is proposed and approved of:—

	RS.
Works—	
Construction of road and foot-paths	25,000
Buildings and lines	20,000
Preliminary expenses	5,000
Establishment and tools and plant	12,650
Total ...	62,650

The remainder of the grant, Rs. 87,350, it is proposed to spend in the purchase of the ordinary machinery that can be procured by special indent on the Secretary of State.

CHEPÁK,
13th August 1887.

(Signed) H. R. MEAD, Colonel, R.E.,
Chief Engineer for Irrigation.

To the Chief Engineer, Public Works Department.

ORDER—dated 29th August 1887, No. 2314 W., Public Works.

In the foregoing papers, the Superintending Engineer, VI Circle, and the Chief Engineer for Irrigation submit proposals for commencing work on the Periyár project, for outlay on which the Government of India have allotted Rs. 1,50,000 during the current official year.

2. Mr. H. S. Taylor, Executive Engineer, and two military upper subordinates have already been posted to the work and directed to report themselves to Lieutenant-Colonel Pennycuick without delay.

3. The project will now be organised as a temporary third-class division, and the Superintending Engineer will proceed to appoint the office and petty establishment mentioned in paragraph 3 of the Chief Engineer's note. The Examiner, Public Works Accounts, will arrange for the requisite temporary accounts establishment.

4. The Surgeon-General will be requested, in the Public Department, to post a selected medical subordinate to the work.

5. The Government of India will be addressed with respect to granting the staff employed on the project the extra allowances detailed in paragraph 245 of Lieutenant-Colonel Pennycuick's report of 1882.

6. The Government fully concur in the remarks of the Superintending Engineer and the Chief Engineer for Irrigation as to the desirableness of Lieutenant-Colonel Pennycuick proceeding to England to select, in communication with the Store Department and the manufacturers, the more important part of the machinery required, and the Secretary of State will be requested to sanction his deputation in accordance with the rules laid down in section 17 of the Civil Leave Code.

7. An emergent indent on the Home Government, for such of the machinery as can be procured in the ordinary course, should be submitted without delay.

8. The arrangement proposed in paragraph 14 of the Superintending Engineer's note with respect to the routine work of his office is sanctioned.

9. The distribution of the current year's grant, proposed in paragraph 10 of the Chief Engineer's note, is approved.

(Here enter No. 2315 W., dated 29th August 1887).

(True Extract.)

(Signed) J. O. HASTED, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Chief Engineer for Irrigation.
" Superintending Engineer, VI Circle.
" Examiner, Public Works Accounts.
" Public Department.
" Political Department.
" Revenue Department.

Exd. J. Moses.
Spare Copies

CIVIL WORKS.
IRRIGATION.

Govt. of {1887} Madras.

PUBLIC WORKS.

Dated August, 29th.

Read. *Encl.*

G.O., 29th Aug. 1887, No. 2314 W.

AUGUST.

Periyar Project

Orders on proposals of the Superintending Engineer, VI Circle, for commencing work on the —.

29TH AUGUST 1887, No. 2315 W., PUBLIC WORKS.

PUBLIC WORKS DEPARTMENT.

Civil Works.
Irrigation.

LETTER—from

COLONEL J. O. HASTED, R.E.,
Secretary to the Government of Madras,
Public Works Department,

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
PUBLIC WORKS DEPARTMENT.

SIR,

In acknowledging the receipt of your letter, No. 68 A.I., dated 1st August 1887, allotting a sum of Rs. 1,50,000 under "48. Irrigation—Capital Expenditure not charged against Revenue" for outlay in the current year on the Periyár project, I am directed to state that arrangements are being made for the immediate commencement of the work.

2. Meanwhile, I am directed to request the very early sanction of the Government of India to the grant to the staff employed on the work of the extra allowances detailed in paragraph 245 and statement III of Lieutenant-Colonel Pennycuick's report forwarded with this office endorsement, No. 356 I., dated 27th April 1883.

I have the honor to be,
Sir,
Your most obedient servant,

(Signed) J. O. HASTED, Colonel, R.E.,
Secretary to Govt., P.W.D.

OOTACAMUND,
29th August 1887.

Exd. J. Moses.
Spare Copies

CIVIL WORKS.
IRRIGATION.

Govt. of {1887} Madras.

PUBLIC WORKS.

Dated August, 29*th*.

Read. *Enc.*

29th Aug. 1887, No. 2315 W.

AUGUST.

Periyar Project

Stating that arrangements are being made for the immediate commencement of the —, and requesting sanction to the grant of certain extra allowances to the staff employed on the work.

2788/12

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following papers :—

From Lieutenant-Colonel J. PENNYCUICK, R.E., Superintending Engineer, VI Circle, to the Chief Engineer for Irrigation, dated Kodaikánal, 20th August 1887, No. 4 P.R.

With reference to G.O., No. 498 I., of 13th instant, and in continuation of the note forwarded with my No. 88 C., of 8th instant, I have the honor to enclose a list of machinery, &c., which I think may be ordered from England at once and paid for before the end of the official year.

2. The General Superintendent, Public Works Stores, should be asked to check the prices entered and to put the indent in proper form.

3. I am not sure whether the whole cost of the articles at the current rate of exchange (1/- per rupee) should be debited against the year's grant, or only the cost at 2 to the rupee, the remainder being charged to a separate head of "loss by exchange." If the latter be the case, the debit will be reduced from Rs. 68,471 to Rs. 48,500, and the articles named in the supplemental list may be ordered.

4. The articles in question should be despatched so as to arrive at *Tuticorin* before the end of January, so that they may be got to the top of the Gúdalúr ghât during the following month; this is especially desirable in the case of the stone-breakers which are very heavy and will be difficult to move except in dry weather; February is much the best month in the year for this purpose.

5. I think the articles named in the first list will be as much as need be ordered at present, as in addition to the Rs. 50,000 mentioned in my former note we can spend about Rs. 5,000 in doors and windows and similar work for the various buildings, which can be made up in Trichinopoly or Madura, and about Rs. 5,000 on temporary buildings in the Cumbum and Vaigai valleys, besides the cost of conveyance of the machinery, which it is proposed to order now from Tuticorin to the top of the Gúdalúr ghât which I estimate approximately at Rs. 6,000.

6. This makes up a total of Rs. 66,000, or with establishment charges Rs. 82,170, which, added to the proposed English expenditure, will about make up the total grant of Rs. 1,50,000.

No. 164 M.

Forwarded to the General Superintendent, Public Works Stores, who will submit, at an early date, a special indent for the machinery required for the Periyár project for submission to the Secretary of State.

(By Order.)

(Signed) J. P. DAVIDSON,
Asst. Chief Engineer for Irrigation.

CHEPÁK,
29th August 1887.

From Colonel H. M. VIBART, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department (through the Examiner, Public Works Accounts), dated Bangalore, 15th September 1887, No. 2486.

With reference to the enclosed endorsement, No. 164 M., dated 29th August 1887, from the Assistant Chief Engineer for Irrigation, I have the honor to forward

a special Home indent (in triplicate) for machinery required for the Periyár project works in the VI Circle.

2. The rates have been calculated at two shillings per rupee with reference to paragraph 4 of the rules communicated in G.O., No. 202 W., dated 25th January 1886.

3. Traction engine and wagons have not been included in the indent as desired by the Superintending Engineer, VI Circle, in his telegram, dated 10th September 1887, to the General Superintendent, Public Works Stores.

No. 319 S.E. 5th.

Letter No. 2485, dated 15th September 1887, with enclosures, from the Superintending Engineer, V Circle, is forwarded to the Secretary to Government, Public Works Department, with the necessary certificate.

Madras, 23rd September 1887.

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

Enclosure.

Certificate by the Examiner, Public Works Accounts.

Number and date of indent or letter with which received.	Description and value of articles indented for.		Work and division to which the value is chargeable.	Grant. Amount.	Grant. Authority.	Certificate attached by the Examiner.
1	2		3	4	5	6
Superintending Engineer's (V Circle) letter, No. 2485, dated 15th September 1887.	*Provincial.* Machinery, &c., required from England for the Periyár project.	£ s. d. 3,537 10 0	Periyár Project division, tools and plant.	Rs. 35,500	G.O., No. 2314 W., dated 29th August 1887.	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 1887-88, have been provided for in the estimates of the Public Works Department to the extent of £3,537-10-0.

Madras, 23rd September 1887.

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

Order—dated 30th September 1887, No. 2600 W., Public Works.

The indent will be forwarded to the Home Government for early compliance.

(Here enter No. 2602 W., dated 30th September 1887.)

(True Extract.)

(Signed) J. O. HASTED, Colonel, R.E., Secretary to Govt., P.W.D.

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

E 88 E 13

Letter—to the Director-General of Stores, India Office, London, dated Ootacamund, 30th September 1887, Nos. 2601, 2602 W.

With reference to paragraph 2 of despatch from this Government to the Right Honorable the Secretary of State for India, No. $\frac{15}{2514 W.}$, dated 29th August 1887, I am directed to forward, for favor of early compliance, an emergent indent for machinery, &c., required for the Periyár Project lately commenced.

2. A certificate by the Examiner, Public Works Accounts, showing that funds have been provided in the estimates of the current official year, to meet the cost of the stores, is embodied in the proceedings* of Government herewith forwarded.

* No. 2600 W., dated 30th September 1887.

3. I am to invite particular attention to the request of the Superintending Engineer that the stores may be consigned to Tuticorin in time to reach that ~~Govern-~~ ment at the end of January 1888, so that they may be conveyed to the site of the works inland during the dry season.

Part

(Signed) J. O. HASTED, Colonel, R.E., Secretary to Govt., P.W.D.

Endorsement—dated 30th September 1887, No. 2602 W., Public Works.

Copy of the above, with copy of the indent, forwarded to the Government of India for information.

(Signed) J. O. HASTED, Colonel, R.E., Secretary to Govt., P.W.D.

Exd. J. Moses.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of {1887} Madras

PUBLIC WORKS.

Dated September, 30th.

Read. *Encl.*

G.O., 30th Sept. 1887, Nos. 2600, 2601, 2602 W.

SEPTEMBER.

Periyar Project

Forwarding' copy of letter to the Director-General of Stores with copy of indent for certain machinery, &c., required for the —

Encls: 1 Ltr. to Co. 3427 Es. dt. 30/9/87 pd

Copies to Comptroller

SUPERINTENDING ENGINEER'S OFFICE,

No. 2697 Camp Porto Novo V Circle, Madras,

~~Chepauk,~~ 3rd October 1887.

From

Lt.-Col. H. M. Ribbentrop R.E.

SUPERINTENDING ENGINEER, V CIRCLE,

To

THE Chief Engineer & Ex Officio Secy to Govt.

Thro' The Examiner of Accounts.

SIR,

Enclosures.

In continuation of my letter No. 2485 dated 15th September 1887, I have the honor to forward in Special Supplemental Indent in triplicate on the Home Government for additional Machinery required for the Periyar Project Works. This Machinery, the Superintending Engineer, Sixth Circle wishes to obtain from the Stores set free by the Irrigation Engineering Wagons not being required and which were therefore not included in

2288.90
15

with the Indent sent on the 15th
September 1887.

2. All Stores for the Peri-
-yaur Project Works entered
in this and in the previous
Indents to be shipped to
Tuticorin, the nearest port
of delivery to the Works

I have the honor to be
Sir
Your obedt Servt

Alurifter Vibert
Lt Col R.E.

Superintending Engineer
5th Circle.

From

The Safety Engineer

5th Circle.

To The Chief Engineer

P W Department.

Thro: Examiner P W Accts

Madras.

Dated 3rd October 1897.

Rect.

Encl. 1 in Triplicate.

No. 2697.

Special Supplemental Indent.

Forwards the — in Triplicate on the Home Govt. for additional Matching required for the Periar Project Estt.

Endorsement No. 3425 & 6 dated 10th October 1897.

Letter No. 2697 dated 3rd October 1897 with three enclosures, forwarded to the Secretary to Government Public Works Department, with the necessary certificate

Major R.E.
Examiner P.W. Accts
Madras.

Encl: 5.

G.O. 2600-1-2 W 4 30-9-87
" 2315 W " 29-8-87
" 2314 W " 29-8-87

PWC № 8050

R 11.10.87

E 3

(+1 Ministry)

Circ. 17-10-87 R. 19-10-87

E.1
PW.805

Certificate by the Examiner of Accounts in reference to Govt. Order No. 6 of Endorsement No. 342 F. 65 dated 11th October 1887.

Grant

Expenditure

Serial No. of the Grant or Appropriation to which the charge relates	Description and value of articles indented for	Work and Division to which the value is chargeable	Amount	Authority	Certificate attached by the Examiner	Remarks
1	2	3	4	5	6	7
8	9 5	7	4	8	12½	7 Rs 2,98-12
Sufficiency Engineer's Memo Letter No 3697 dated 3 October 1887	Provincial Additional Machinery required from England for the Foreign Project 2 1183 5.	8 do Foreign Project Division Fob and Plant	Rs 89,500	G Ord 2316 M dated 29 August 1887	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 1887-88 have been provided for in the estimates of the Public Works Department to the extent of £ 1183-15-.	

Madras.
10th October 1887

Chief Auditor

Major R.E.
Examiner P. W. Accounts
Madras
A.G. 16/10

General
Accts

No 2788

PUBLIC WORKS DEPARTMENT.

1887

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the Oct 19. 1887

READ the following

From the Supdg. Engr V circle H.E. No. 2697 dy 3rd October 1887

Endorsement thereon by the Exe. P.W. Accts H.E. No. 3425.E. 5th dy 10 Octr 1887

ordered to be forwarded to the Home Government for early Compliance.

To.
The Supdg. Engr V circle
" " " VI "
" Ch: Engr for Irrign
" Exr. P.W. Accts

H.E. No 2789 W dy 19 Octr 1887

To.

The Director-General of Stores
India office
London.

Sir,

In continuation of my letter No 2601 W dated. 3rd September 1887, I am

directed to forward for favour of early compliance a special supplemental indent for stores required for the Periyar Project, and to invite your attention to the request that the stores may be shipped to Tuticorin

2. A certificate by the Examiner P. W. Accounts showing that funds to meet the cost of the stores have been provided in the estimate of the current official year, is embodied in the Proceedings of Govt hereinth forwarded.

No. 2788 Wdy 19 Octr 1887

(H. So. No. 2790 Wdy 19-10-87)

Copy of the above, with copy of the indent

forwarded to the Govt. of India for information

2788/87

WWS

12.10.87

Jw

17/10/87

CM

805 D

Govt. of [1887] Madras.

PUBLIC WORKS.

Dated

Rect. Expl.

G.O. 19th Octr 1887. No. 2738 w
2739 w
2740 w

Sd
=
A special supplemental
for stores required for
the Periyar project
ordered to be forwarded
to the Home Govt for
compliance.

Sd 15/12
=
Forwarding to the Director
of Stores India Office a
special supplemental
for stores required
for the Periyar project

Sd 15/12
=
Copy of letter to the Director
General of Stores India Office
forwarding a special Supplemental
for stores required for the
Periyar project forwarded to
the Govt of India for compliance.

Rec'd Dec 1887