

No. 177 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.
THE CHIEF COMMISSIONERS, CENTRAL PROVINCES, BURMA, ASSAM AND COORG.
THE RESIDENT AT HYDERABAD.
THE RESIDENT AT MYSORE (THROUGH FOREIGN DEPARTMENT).
THE AGENTS TO THE GOVERNOR GENERAL FOR CENTRAL INDIA AND RAJPUTANA.
THE SUPERINTENDENT OF PORT BLAIR AND CHIEF COMMISSIONER, ANDAMAN AND NICOBAR ISLANDS.
THE DIRECTOR GENERAL OF TELEGRAPHS.
THE INSPECTOR GENERAL OF MILITARY WORKS.
THE SUPERINTENDENT OF WORKS, SIMLA IMPERIAL CIRCLE.

Simla, August 3, 1887.

SIR,

I am directed to invite attention to Appendix O of the Public Works Department Code, volume 1, 5th edition, and to request the early submission of the estimates of probable requirements of stores from England for the Buildings and Roads and Irrigation Branches of the Public Works Department, and for the Telegraph Department during the year 1888-89.

2. The estimates should be prepared in the prescribed form, and in accordance with the instructions contained in the Secretary of State's Despatch No. 100, dated 31st March 1887, circulated with Public Works Department Circular No. VIII, Public Works, dated 11th July 1887.

I have the honor to be,

SIR,

Your most obedient Servant,

R. G. MacDonald

Offg. Under-Secy. to the Government of India.

*To The Secretary to the Govt. of Madras
Public Works Deptt.*

B. m 1610 W. 15. 6. 87
 m 2835 C. 23. 8. 87
 " 3918 C. 8. 11. 86
 B. m 2744
 2745 W. 12. 10. 86
 m 2884 C. 23. 8. 86
 Q. D. 2567 W. 30. 9. 86
 B. m 2690 W. 13. 10. 86
 " 2582
 2583 W. 1. 10. 86
 m 3161 C. 18. 9. 86
 " 2945 C. 27. 8. 86
 " 2821 C. 18. 8. 86
 B. m 2079 W. 18. 8. 86
 B. m 2035
 2036 W. 13. 8. 86
 " 1893
 1894 W. 27. 7. 86
 " 1736
 1737 W. 28. 7. 83
 Q. D. 1318 W. 26. 5. 86
 " 202 W. 25. 1. 86
 " 1942 W. 9. 8. 84
 " 840 J. 20. 10. 82
 B. m 2203
 2204 W. 17. 8. 87

P.W.C. No. 654



9

650

R. 22. 8. 87

No 2319 W of 29. August 87

No 2319 W of 29. August 87

The Secy to the Govt. of India
P. W. Department.

Sir,

In acknowledging the receipt
 of your letter No. 177 A. S. dated 3rd
 August 1887, I am directed to state
 that the estimates of probable
 requirements of stones from England
 for 1888-89 will be revised in
 accordance with the instructions
 contained in the Secretary of State's
 Despatch No. 100 dated 31st March 1887
 and resubmitted as soon as practi-
 cable in supersession of those already
 forwarded with my endorsement
 No. 2204 W dated 17th August 1887.

Wm
23. 8. 87

John
25/8/87

Recd
 to Secy
 30/8/87

W
23/8

1887. 39. viii
 11. 25. 87

29TH AUGUST 1887, Nos. 2314, 2315 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.

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.

No 2319 W of 29 August/87

Bh
19/8

6.23.8.87 R.29-8-87

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 „	50
1 Draftsman, 2nd class	42½
1 Do. 3rd „	25
1 Messenger	7
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:—

Works—	RS.
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.

LETTER—to the Secretary to the Government of India, Public Works Department, dated Ootacamund, 29th August 1887, No. 2315 W.

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 Pennycuik's report forwarded with this office endorsement, No. 356 I., dated 27th April 1883.

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

17-9-07
CIVIL WORKS.
IRRIGATION.

Gobt. of Madras.
PUBLIC WORKS.

Dated August, 29th.

Recd.

Encl.

**G.O., 29th Aug. 1887, Nos. 2314,
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.