

5TH NOVEMBER 1886, No. 2920 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following papers :—

From Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 16th October 1886, No. 396 E.W.

I have the honor to forward the accompanying three statements of savings and demands under Imperial, Provincial, and Excluded Local.

2. Some further saving on the Malapuram barracks is anticipated, which will be reported in statements of savings and demands to be submitted in January 1887.

3. The only item requiring special notice in the Provincial statement is No. 25, "Erecting a fountain for the Adam Memorial, Ootacamund." The estimate for this work will be exceeded by Rs. 1,000 under the sub-head "Carriage and fixing," &c. As the excess is nearly 6 per cent. on the amount of the estimate, Rs. 16,850, the sanction of Government is necessary to admit the excess outlay.

4. The Executive Engineer reports that there is not likely to be any further excess on the estimate for this work.

5. The outlay for the first five months of the official year, April to August, was small for the following reasons :—

(1) The budgets were received as follow :—

1. Imperial, Postal, 30th April 1886.
2. Do. Military, 8th May "
3. Provincial, 8th May 1886.
4. Irrigation, 19th " "

Until receipt of the budgets, the only works that could be proceeded with were new works in progress in last official year, and emergent repairs.

(2) Large allotments were made to the circle towards end of June * and in July.† No special allotments were made in April or May.

* Rs. 196,677 † Rs. 38,645

Of course, after allotments are received, tenders have to be invited, contracts settled, and time given to the contractors to commence work. After special allotments are made, a period of two to three months is needed before outlay begins to appear in the accounts; and it is to be noted that in this case the budget allotments, which came late, amounted to Rs. 4,21,883 and the special allotments to Rs. 2,35,322.

6. Another great cause of delay which must be taken into account is the fact that the best part of the working season, April, May and June, was lost this year, owing to the delay in receipt of budgets and sanction of special allotments.

7. Every endeavour, however, is now being made to spend the allotments, and further statements of savings and demands will be submitted in January 1887.

From the same officer, dated Salem, 23rd October 1886, No. 407 E.W.

I have the honor to request you will be good enough to include the undermentioned works in the statements of savings and demands submitted with my letter, No. 396, of 16th instant.

	RS.
I. Improvements to a portion of the Lawrence Asylum buildings, estimate Rs. 2,760, sanctioned in G.O., No. 2387 W., of 20th September 1886; amount required for current year ...	2,000
II. Constructing a well on the site of the new camping ground at Jalárpét, estimate Rs. 495 ...	495
III. Constructing a culvert on the road from the cattle lines to barracks at Cannanore, estimate Rs. 103 ...	94

2. The Military authorities are unable to find funds for the last two works. The last work was completed at an outlay of Rs. 94 under the authority of a letter from the Deputy Assistant Quartermaster-General, Western District, Cannanore.

ORDER—dated 5th November 1886, No. 2920 W., Public Works.

The following sums, surrendered under Provincial, are resumed and credited to the reserve with the Government under that head:—

	RS.
1. Collector's office at Calicut ...	20,000
2. Residence for the Assistant Superintendent of Police at Malapuram ...	1,766
3. Additions and improvements to Government House, Ootacamund ...	10,000
4. Exercise-yard for European convicts at the Ootacamund jail ...	1,000
5. Extending the Coonoor cemetery ...	250
6. Bazaar drainage scheme, Ootacamund ...	4,000
7. Water-supply project, do. ...	15,000
8. Well in the compound of sub-magistrate's office at Gúdálúr ...	47
9. Miscellaneous Public Improvements, Repairs, Nilgiri division ...	6,585
Total ..	58,648

2. The following appropriations are made from the Provincial reserve:—

	RS.
1. Residence for the Head Assistant Collector at Coondapoor ...	1,265
2. Law courts at Calicut ...	12,320
3. Re-roofing and repairing the Cochin church ...	8,000
4. Sub-registrar's office at Kudavayúr ...	181
5. New Brecks' Memorial School, Ootacamund ...	10,000
6. Converting the cinchona laboratory at Ootacamund into an herbarium ...	730
7. Painting the Government offices, Stonehouse Hill ...	1,070
8. Providing lightning-conductor to the district munsif's court at Tellicherry ...	360
9. Rest-house with out-houses on the Coonoor ghât ...	348
10. Constructing a road on Mountstuart, Ootacamund ...	5,000
11. Do. a rough-stone culvert in front of Oakes' shop on Church Hill, Ootacamund ...	60
12. Erecting a fountain for the Adam Memorial, Ootacamund ...	1,000
13. Adding an office-room to the upper-storey of Government offices, Stonehouse Hill ...	1,500
14. Civil Buildings, Repairs, West Coast division ...	6,576
Total ..	48,410

3. Allotments have not been provided for the new works detailed in the margin, the funds at the disposal of Government to meet other emergent demands being limited.

1. Improvements to the district munsif's court at Tellicherry.
2. Alterations to the fort buildings (old jail) to be used as a Sub-Collector's office at Tellicherry.
3. District munsif's court at Kárúr.
4. Constructing a rough-stone revetment on No. 3 section, 3rd mile, 1st furlong, Kullár-Gúdálúr road.
5. Improving the margin of Ootacamund lake.

4. Explanation should be submitted as to why it is proposed to debit to Provincial funds the cost of alterations to certain buildings in the fort at Tellicherry to fit them for use as municipal offices.

5. The Superintending Engineer will report whether the allotments required under Communications, Repairs, in the Nilgiri division, can be met from the lump sum grant to that division.

6. Under Imperial, Military, the surrenders of grants proposed by the Superintending Engineer amount to Rs. 10,300, and the total additional funds applied for amount to Rs. 18,218, as detailed in the margin. As there are no funds available with the Government under this head, the appropriations proposed by the Superintending Engineer will be reduced to the amount surrendered.

	RS.
Major Works ...	4,200
Minor do. ...	12,818
Repairs ...	1,200
Total ...	18,218

7. The sum of Rs. 300 surrendered from the grant for adding five bath-rooms to the Paymaster Sergeant's quarters, Wellington, will be resumed and added to the Minor Works grant of the West Coast division, and the sanction of the Government of India to the following transfers will be applied for:—

From	RS.	To	RS.
Constructing barracks for a detachment of British Infantry at Malapuram ...	10,000	Bakery at Wellington ...	1,276
		Converting the Cannanore fort into a defensive post ...	924
		Improvements to a portion of the Lawrence Asylum buildings, Ootacamund ...	2,000
		Minor Works ...	4,600
		Repairs ...	1,200
		Total ..	10,000

The Superintending Engineer will, in the meanwhile, submit a revised statement restricting his demands for Minor Works to Rs. 4,600, which sum will be distributed on receipt of the sanction of the Government of India to the above transfers.

8. As there is no reserve with the Government under Postal, the Superintending Engineer will apply to the Director-General of Post Offices for the sum of Rs. 40 required for additions to the post office at Kotagiri.

9. The sum of Rs. 340 required for the Nilgiri division under Telegraph, Repairs, is allotted from the reserve with the Government under that head. The allotment of Rs. 230 required for the Coimbatore division under Postal, Repairs, cannot be appropriated, no funds being available.

10. The sum of Rs. 40 surrendered from the grant for the Nilgiri division under Postal, Repairs, is resumed and held in reserve with the Government under that head.

11. A sum of Rs. 190 was provided (*vide* G.O., No. 2463 W., dated 23rd September 1886), for dropping stone along the toe of the revetment on the lagoon side of the Cruz Milagre dam. The question of allotting funds for the other works under

Excluded Local, brought forward by the Superintending Engineer, will be considered in the Financial Department. The amount required is shown below:—

	Works.	Establish-	Tools and	Total.
	RS.	ment.	Plant.	RS.
	RS.	RS.	RS.	RS.
1. Improvements to the lightning-conductor of the Mangalore light-house ...	135	31	1	167
2. Providing the light-house at Tellicherry with a lightning-conductor ...	176	40	2	218
Total ...	...	...	...	385

12. With respect to the Superintending Engineer's explanation of short outlay in the first five months of the year, it is remarked that the preliminary issues of the budget estimates for 1886-87 were circulated in December 1885, and, excepting works for which estimates had not been sanctioned, it was open to the Superintending Engineer to make preliminary arrangements for the commencement of other works entered therein. It is not practicable to circulate the final issues of the budgets before the end of April each year, and those for 1886-87 were not issued later than usual. With respect to the special allotments made in June and July, the majority of them were given as applications were received from the Superintending Engineer, and one large allotment granted in compliance with the Superintending Engineer's statement of demands was not included in the budget owing to the failure of the Superintending Engineer to include it in the circle budget (*vide* paragraph 10 of G.O., No. 1594 W., dated 2nd June 1886).

(True Extract.)

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

To the Superintending Engineer, IV Circle.

- „ Examiner, Public Works Accounts.
- „ Revenue Department.
- „ Judicial „
- „ Ecclesiastical „
- „ Educational „
- „ Financial „
- „ Marine „
- „ Military „

Exd. E. Fernandez.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of (1886) Madras.
PUBLIC WORKS.

Dated November, 5th.

Recd.

Encl.

G.O., 5th Nov. 1886, No. 2920 W.

NOVEMBER.

Funds

Orders on the statements of savings and demands under Imperial, Provincial, and Excluded Local, submitted by the Superintending Engineer, IV Circle.

8TH NOVEMBER 1886, No. 2939 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following papers :—

From the Superintending Engineer, V Circle, dated 17th Oct. 1886, No. 3570.
" " " " V " " 2nd Nov. " " 3876.

ORDER—dated 8th November 1886, No. 2939 W., Public Works.

The following sums surrendered by the Superintending Engineer, V Circle, under Imperial, Military, are resumed and held in reserve with the Government :—

Improvements to the old barracks at St. Thomas' Mount	...	...	RS. 8,870
Alterations to the British cavalry barracks at Bangalore	...	...	450
Supplying materials for the sanitary improvements to the court-yards of sepoy's lines at Vellore	...	...	1,570
Total	...	...	10,890

2. The sanction of the Government of India to the following transfers will be applied for :—

From	RS.	To	RS.
New barracks for Royal Artillery at St. Thomas' Mount	...	Constructing six blocks of stables for Royal Artillery at St. Thomas' Mount	...
Fortified post at Agram, Bangalore	1,880	Minor works	...
		Repairs	...
Total	9,903	Total	9,903

3. The sum of Rs. 244 required for the South Arcot division under Imperial, Military, Repairs, will be allotted on receipt of sanction of the Government of India to the proposed transfers.

4. With respect to the surrender proposed by the Superintending Engineer from the grant for the new magazine in the Wallajah berm of Fort St. George, it is observed that the Government of India have already withdrawn the total grant for the work (vide G.O., No. 2928 W., dated 6th November 1886).

(True Extract.)

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

To the Superintending Engineer, V Circle.
" Examiner, Public Works Accounts.
" Military Department.

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GENERAL
ACCOUNT.

Govt. of (1886) Madras.
PUBLIC WORKS.

Dated November, 8th.

Recd.

Encl.

G.O., 8th Nov. 1886, No. 2939 W.

NOVEMBER.

Funds

Orders on a statement of savings and demands under Imperial, Military, in V Circle,

6TH NOVEMBER 1886, No. 2928 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following letter from Major-General O. R. NEWMARCH, Secretary to the Government of India, Military Department, to the Secretary to the Government of Madras, Public Works Department, dated Simla, 25th October 1886, No. 1607 M.W. :—

I am directed to acknowledge the receipt of your letter, No. 1240 W., dated 17th May 1886, forwarding plans and estimate, amounting to Rs. 46,420, for constructing a magazine for the accommodation of Ordnance and Artillery reserve powder on the Wallajah berm, Fort St. George.

2. In reply, I am to say, for the information of the Governor in Council, that the proposed magazine possesses some unusual features, viz. :—

i. It is to be built *outside* the rampart on the berm.

ii. It rises 20 feet at least above the parapets of the fort.

iii. Apparently, some 25 feet of the masonry of the magazine will be exposed to view over the outworks, and curved fire would strike the very foot of its wall 37 feet high.

iv. It is to be lighted from an open passage (to be covered in with sand-bags in time of war).

v. The foundations are very costly, but are perhaps unavoidable in the position proposed.

vi. The ventilating arrangements seem hardly likely to be efficient.

3. It has further been ascertained that the highest water-level in the wet ditch, which surrounds the proposed site on two sides, is R.L. 7.75, while the proposed level inside the magazine is observed to be R.L. 4.00. It therefore follows that, were the present design adopted, the magazine would be liable to be flooded at any time to a depth of 3 feet.

4. In view of these defects, some of which appear irremediable, I am to say that the Government of India do not think it desirable to sanction the construction of this magazine, the estimate for which is herewith returned, and the Rs. 20,000 provisionally given for it in the Madras military works budget estimate for 1886-87 is accordingly withdrawn.

5. As an alternative measure, I am to say that the Government of India are of opinion that the existing magazine in the fort, if put into thorough order, might be utilised for storing the powder required for the armament.

The total quantity of powder to be maintained for the revised armament of the fort and beach batteries amounts to 5,336 barrels. Of this quantity, more than half can be stored in this magazine; the balance, therefore, together with the powder in ordnance charge, which should be withdrawn from the fort, could be conveniently stored in the ordnance magazine at St. Thomas' Mount.

6. I am accordingly to request that, under the Governor in Council's orders, instructions may be issued for preparation of an estimate of the cost of the necessary improvements to the fort magazine.

ORDER—dated 6th November 1886, No. 2928 W., Public Works.

Communicated, with advertence to G.O., No. 1239 W., dated 17th May 1886, to the Superintending Engineer, V Circle, who will report fully on the points referred to in paragraphs 2 and 3 of the foregoing letter from the Government of India.

2. The Military Department will be requested to report on the proposals in paragraph 5.

3. The Superintending Engineer will, in the meantime, in communication with the Military authorities, submit an estimate for the necessary improvements to the fort magazine.

4. From the Quartermaster-General's letter printed with proceedings, Military Department, No. 6315, dated 11th October 1886, it would appear that the magazine in the Wallajah berm has already been commenced. In connection with this point, the Superintending Engineer will submit a very early reply to paragraph 2 of G.O., No. 2746 W., dated 18th October 1886. If the work has actually been put in hand, it should at once be stopped, and it should be stated under what authority it was commenced.

For Works	RS.
„ Establishment	20,000
„ Tools and plant	4,600
	200

Total ... 24,800

5. The amount withdrawn from the Madras military works grant for 1886-87 under paragraph 4 of the Government of India letter is as shown in the margin.

(True Extract.)

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

To the Superintending Engineer, V Circle, with six enclosures.
„ Military Department.
„ Examiner, Public Works Accounts.

Exd. E. Fernandez.
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BUILDINGS AND ROADS.
MILITARY WORKS.

Gobt. of (1886) Madras.

PUBLIC WORKS.

Dated November, 6th.

Recd.

Encl.

G.O., 6th Nov. 1886, No. 2928 W.

NOVEMBER.

Magazine

Proposed — in the Wallajah barm, Fort St. George. — Letter from the Government of India declining to sanction the construction of the —, communicated to Superintending Engineer, V Circle, with remarks.

OFFICE OF THE SUPERINTENDING ENGINEER,

6TH CIRCLE.

Trichingopoly 17 December 1886.

No. 1445 J.J.

From

The Superintending Engineer,

6th Circle.

To

The Chief Engineer —
P. C. D.

Sir,

ENCLOSURE. —

With reference to para 1 of G.O. No. 3182 W. dated 2nd Instant I have the honor to report that a grant of Rs 35 is indispensably required for the Madura D^u, under Postal Repairs. This demand cannot be met by transfer from the grants to other Divisions in the circle. I request that you will be good enough to allot Rs 35 for Madura, and Rs 90 for the Trinevelly

Timnevelly D^y, under the above
head of Service, when funds are
available at the disposal of
Government.

I have the honor to be

Sir

Your Most Obedt Serv^t

Al Smith Major D.C.

Superintending Engineer - W. F.

29-5-86

P. W. D. 6TH CIRCLE.

From

The Superintending Engineer,
6th Circle.

To

The Chief Engineer
P. W. D.

No. 1445 T.T.

Dated 17th Dec 1886.
Received 20

Enclosure.

Requests to allot
Rs 35 for Madurai
+ Rs 90 for Trinnevelly
on under Postal
Repairs.

The S.E. VI circle.

desd 22.12.86

23/12/86

With order
W. Brooke

Recorded
Recorded.
The required appro-
priations will be
made should
funds become
available.

CM
MCR
21.12.86