(1) Number of pages 66

(2) Date of repair Dec 1987 ✓

(3) Initials of the Referencer

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Public works DEPARTMENT

G.O. No. / B.P. No. 2134-35 W

Press. / Mis.

Dated 25-8-1886 ~~198~~.

to be folded or roughly handled.

ives — I 10,006-9 88

2134-35

25TH AUGUST 1886, No. 2134 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following papers :—

From the Government of India, dated 1st May 1886, No. 704 G.
G.O., dated 31st May 1886, No. 1369 W.

From A. B. SAMPSON, Esq., Under Secretary to the Government of India, Public Works Department (General), to the Secretary to the Government of Madras, Public Works Department, dated Simla, 7th May 1886, No. 747 G.

In reply to your letter, No. 1062 W., dated 27th April 1886, requesting sanction to the continued employment, for a further period of 12 months, of Mr. L. P. deClosets, as a temporary Engineer, I am directed to state that the Government of India defers sanctioning the appointment till the information called for in Public Works Department No. 704 G. of 1st May 1886 has been furnished.

From the Superintendent of Works, Tank Maintenance Scheme, dated 3rd July 1886. No. 2132 T.

From the Superintending Engineer, I Circle, dated 15th July 1886, No. 266 G.N.

Note by the Chief Engineer for Irrigation.

8

No. 68 E.W.

The accompanying statement, showing the expenditure incurred up to the end of 1885-86 against the special grant for Tank Maintenance Works, together with the following review of the work done, is submitted with reference to paragraph 2 of G.O., No. 1369 W., dated 31st May 1886.

2. The total expenditure amounted to Rs. 5,74,911, of which Rs. 3,48,455 were spent on the investigation of the requirements of tanks and the balance on the execution of works. The expenditure on investigation includes the share of the cost of the special establishment chargeable to the execution of works during the short period that establishment was engaged on the dual duties of investigation and execution. It was originally intended that the officers of the tank divisions should not only prepare the way for the work of restoration by the necessary professional investigation, but should themselves carry it out. In July 1884, however, on consideration of the results of the investigations of the Periyakulam minor basin, which were collected during the previous year, it was decided * that, to obviate waste of power and indefinite delay in the work of investigation the tank division establishments should confine their attention to the preparation of the irrigation record and of the plans and estimates for the works, the execution of the works estimated for being handed over to the ordinary staff of the department. Under this arrangement the Tank Maintenance grant is charged with 23 and 1 per cent. on expenditure, respectively, for general establishment and tools and plant, in addition to the cost of special establishment and tools and plant.

---

* G.O., No. 646 I., dated 12th July 1884.

3. *Investigation.*—On the introduction of the Tank Maintenance Scheme in April 1883, the No. 1 Tank division was formed, and commenced work in the Madura district, the sphere of operations being subsequently extended to such parts of the Coimbatore district as are in the Amarávati basin. The country under investigation by this division is divided into two river basins—the Upper Vaigai and the Amarávati—the former being sub-divided into five, and the latter into eleven minor basins as shown in the statement printed with G.O., No. 878 I., dated 15th October 1885. The investigation of all works in the Upper Vaigai river basin and in the Udamalpet and Kongayaur minor basins of the Amarávati river basin was completed during the period under review, while that in the Dindigul, Palni, Upper Amarávati and Dhárápuram minor basins was in progress. Plates showing the position and grouping of the tanks investigated and the works proposed to be carried out have been lithographed, and memoirs giving a description of the works, with the hydraulic and financial particulars and levels, have been printed for works in the Periyakulam minor basin of the Upper Vaigai river basin, and copies thereof, together with a general irrigation map of the Presidency on a scale of one inch to 16 miles, and a statement of drainage areas and the average rainfall for 10 years, were submitted to the Government of India with letter, No. 422 I., dated 5th May 1885. Plates and memoirs for works in the Butlagunda minor basin have since been lithographed and printed and will be submitted to the Government of India shortly. Similar plates and memoirs for works in the Surulyaur minor basin are in the press, and those for works in the Andipatty, Talaivigai and Udamalpet minor basins are under preparation.

4. No. II Tank division which was formed in March 1884, started operations in the Madras basin, in the Chingleput district, which is divided into eleven minor basins. The investigation of works in three minor basins was in progress; memoirs and plates for works in one minor basin and in one group of another minor basin were under check.

5. No. III Tank division was formed in March 1885 and began work in the Kundaur river basin, in the Kurnool district, and subsequently also in the Hindri river basin in the same district. The investigation of works was completed, in the three minor basins of the latter, and nearly so in two out of eight minor basins of the former river, and a large number of estimates was under preparation. Greater progress would have been made in the preparation of estimates but for the difficulty experienced owing to the unhealthiness of Kurnool in inducing qualified draughtsmen to go to the district.

6. A detail irrigation map on a scale of one inch to a mile was prepared for the Nóyil river basin, in Coimbatore district, besides similar maps for all other river basins the works in which are under investigation. It is from these maps that the maps for minor basins, groups and sub-groups on enlarged scales are drawn up.

7. The following statement shows the area covered by Tank Maintenance operations up to the end of the year 1885-86, the cost of investigation, and the total amount of the estimates prepared by each tank division :—

Divisions.	Area covered by operations.	Cost of investigation.	ESTIMATES FOR WORKS AND REPAIRS.		
			Sanctioned.	Under check.	Total.
	SQ. MILES.	RS.	RS.	RS.	RS.
Superintendent of Works	..	87,685	...	...	...
No. I Tank division	3,525	1,26,163	3,90,619	1,09,006	4,99,625
" II "	719	94,173	1,65,459	99,915	2,65,374
" III "	2,130	40,434	20,697	57,896	78,593
Total ...	6,374	3,48,455	5,76,775	2,66,817	8,43,592

2/2134-35

The area of operations of the Tank Maintenance Scheme was 6,374 square miles, the amount of estimates prepared was Rs. 8,43,592 and the cost of preparation was Rs. 3,48,455 or nearly 41·31 per cent. of amount of estimates. Some further expenditure will necessarily have to be incurred before the estimates under check are sanctioned, but this charge need not be taken into account as it will presumably be counterbalanced by the portion of the present expenditure which is due to and fairly chargeable to estimates still in course of preparation. The cost of investigation seems high, but it should be borne in mind that the special establishment is not merely engaged in surveying, levelling and preparing estimates, but has also to group the works, prepare maps, and collect hydraulic and financial particulars, which are not only of great use for the present occasion, but will be of immense value in the future. The necessity for revising the estimates for some of the works in the Periyakulam minor basin, in the Madura district, so as to provide for repairing the damages caused by the unusually heavy floods during 1884 which occurred before the execution of the works first estimated for could be carried out, has also enhanced the cost of investigation. The cost of investigation compares as follows with the amount of estimates sanctioned each year :—

	Cost of investigation.	Estimates sanctioned.
	RS.	RS.
Year 1883-84	52,056	36,600
Do. 1884-85	1,23,352	2,04,623
Do. 1885-86	1,73,047	3,35,552
Total ...	3,48,455	5,76,775

From the above it will be seen that, as the work of investigation progresses, an appreciable reduction in the percentage of its cost on the estimates sanctioned is being effected.

8. The estimates sanctioned will, it is anticipated, increase the revenue derived from the works proposed to be restored from Rs. 2,33,034 to Rs. 2,66,331, the increase being nearly 6·9 per cent. on the proposed expenditure.

9. *Execution of works.*—The expenditure incurred on original works amounted to Rs. 39,886 and that on repairs to Rs. 1,47,536 as shown below :—

Districts.	Original Works.	Repairs.
	RS.	RS.
Madura	20,501	92,075
Coimbatore	821	2,398
Chingleput	18,264	52,993
Kurnool	300	70
Total ...	39,886	1,47,536

Out of 254 works sanctioned in the Madura and Coimbatore districts, 49 were completed and 196 were in progress. Estimates for nine works belonging to Zemindars and private parties were sent to the Collector for execution at the expense of the individuals concerned. In the Chingleput district 37 out of 78 surplus works sanctioned and 46 out of 103 sluices were completed, in addition to which the bunds of 57 tanks were raised and the masonry works of 40 tanks repaired. Eight surplus works and six sluices were in progress. Owing to the late date on which estimates were sanctioned for works in the Kurnool district in which operations were commenced only in 1885-86, little or no progress was made with the execution of works.

(Signed) J. O. HASTED, Colonel, R.E.,
Chief Engineer for Irrigation.

CHEPÁK,
12th August 1886.

To the Chief Engineer, Public Works Department.

ENCLOSURE.

STATEMENT showing the expenditure incurred up to the end of 1885-86 against the special grant for Tank Maintenance Works.

——	1883-84.	1884-85.	1885-86.	Total.
Investigation—	RS.	RS.	RS.	RS.
Engineer establishment	25,525	48,921	60,930	1,35,376
Upper subordinate	7,778	24,663	36,027	68,468
Lower subordinate and petty establishment .	264	1,843	3,365	5,472
Office establishment	6,874	14,654	20,932	42,460
Office contingencies	2,279	3,839	5,338	11,456
Survey establishments and contingencies ...	2,142	19,521	40,922	62,585
Scientific instruments and tents	7,194	9,911	5,533	22,638
Total ...	52,056	1,23,352	1,73,047	3,48,455
Execution—				
Original works	...	6,301	33,585	39,886
Repairs	1,425	49,557	96,554	1,47,536
Establishment	...	7,532	29,874	37,406
Tools and plant	...	327	1,301	1,628
Total ...	1,425	63,717	1,61,314	2,26,456
Grand Total ...	53,481	1,87,069	3,34,361	5,74,911

ORDER—dated 25th August 1886, No. 2134 W., Public Works.

The note by the Chief Engineer for Irrigation, above recorded, will be forwarded to the Government of India, with advertence to their letter, No. 704 G., dated 1st May 1886, and the following letter will be despatched.

(Here enter No. 2135 W., dated 25th August 1886.)

(True Extract.)

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

To the Chief Engineer for Irrigation.
" Superintending Engineer, I Circle.
" Superintendent of Works, Tank Maintenance Scheme.
" Examiner, Public Works Accounts.

Exd. A. Auber.
Spare Copies

3
2134-35

GENERAL.
ESTABLISHMENT.

Govt. of {1886} Madras.

PUBLIC WORKS.

Dated August, 25th.

Recd. *Encl.*

G.O., 25th Aug. 1886, No. 2134 W.

AUGUST.

Tank Maintenance Scheme

Note by the Chief Engineer for Irrigation furnishing a statement showing the expenditure incurred against the special grant for Tank Maintenance works, and a review of the work done up to the end of 1885-86, ordered to be forwarded to the Government of India.

4
2134-35

25th August 1886, No. 2135 W., Public Works.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

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,

In reply to paragraph 1 of your letter, No. 704 G., dated 1st May 1886, I am directed to forward, for the information of the Government of India, the accompanying copy of Proceedings of this Government, No. 2134 W., dated 25th August 1886, in which is embodied an abstract statement showing the total expenditure incurred up to the end of 1885-86 against the special grant for Tank Maintenance operations under the several heads mentioned, together with a review of the work done in surveying, estimating, construction and repairs to the end of March 1886.

2. With advertence to paragraph 2 of your letter, I am directed to state that the number of temporary officers required for each Tank division, with their names and salaries, was shown in the statement appended to my letter, No. 1368 W., dated 31st May 1886, and I am now to submit the following remarks with respect to each.

No. I Tank Division—*Mr. P. Mahoney*, temporary Engineer, on Rs. 350 per mensem. This officer is a Sub-Engineer, 3rd grade, in the permanent upper subordinate establishment, and has had 21 years' service. His appointment, as temporary Engineer for a period of twelve months, was sanctioned in your letter, No. 1061 G., dated 13th July 1885, and, as the appointment had effect from 19th October 1885, renewed sanction for a further period of twelve months will be required from 19th October 1886.

Mr. C. Lowry.—The appointment of this officer, as temporary Engineer on Rs. 350 per mensem for a period of twelve months, was sanctioned in your letter, No. 1224 G., dated 7th August 1885. He stands nominally posted to the No. I, Tank division, but he is actually employed in the permanent Madura division, setting free an officer of the permanent establishment for employment in the Tank division. The sanction to his employment expires on the 18th October 1886, and renewed sanction for a further period of twelve months is required from that date.

No. II Tank Division—*Mr. T. W. Scott.*—The appointment of this officer, as temporary Engineer on Rs. 550 per mensem for a period of 12 months from 23rd March 1886, was sanctioned in your letter, No. 241 G., dated 12th February 1886, and further orders in his case are not required for the present.

R. Vaidyanatha Aiyar, B.C.E.—This officer is a Sub-Engineer, 3rd grade, on the permanent upper subordinate establishment, and his employment, as temporary

Engineer on Rs. 350 per mensem for a period of twelve months, with effect from 2nd May 1886, was sanctioned in your letter, No. 489 G., dated 11th March 1886. He stands nominally posted to the No. II, Tank division, but he is actually employed in the permanent Chingleput division.

No. III Tank Division—*Mr. E. F. Handcock.*—The employment of this officer, as temporary Engineer on Rs. 450 per mensem for a period of twelve months, with effect from 28th January 1886, was sanctioned in your letter, No. 1870 G., dated 18th December 1885, and no further orders are required for the present.

Mr. H. Frankland.—This officer is a Sub-Engineer, 3rd grade, on the permanent upper subordinate establishment, and the reasons for nominating him for a temporary Engineership were fully explained in my letter, No. 1377 W., dated 31st May 1886, to which no reply has been received. I am again to request the favor of early sanction to his employment as temporary Engineer on Rs. 350 per mensem for a period of twelve months, with effect from 29th March 1886. As already explained, in my letter above quoted, he stands nominally posted to No. III Tank division, but is actually employed in the permanent Kurnool division.

No. IV Tank Division—*S. Krishnamachariyar*, B.C.E.—This officer is a Supervisor, 1st grade, on the permanent upper subordinate establishment, and the reasons for nominating him for a temporary Engineership were fully explained in my letter, No. 1373 W., dated 31st May 1886, to which no reply has been received. I am again to request the favor of early sanction to his appointment as temporary Engineer on Rs. 350 per mensem for a period of twelve months, with effect from 17th April 1886. As already explained, in my letter above quoted, he stands nominally posted to No. IV Tank division, but is actually employed in the permanent Tanjore division.

Mr. L. P. deClosets.—The last letter from the Government of India, sanctioning the employment of this officer as temporary Engineer on Rs. 300 per mensem, was your No. 133 G., dated 28th January 1885. The sanction therein given expired on the 13th May 1886, and renewed sanction for a further period of twelve months was applied for in my letter, No. 1062 W., dated 27th April 1886. In reply, it was stated in your No. 747 G., dated 7th May 1886, that the Government of India had deferred sanctioning the appointment until the information called for in your No. 704 G., dated 1st May 1886, had been furnished. That information having now been given, I am to request the favor of early sanction to the appointment, as much inconvenience has been caused by the delay. Mr. deClosets stands nominally posted to No. IV Tank division, but, on the principle explained in my letter, No. 1368 W., dated 31st May 1886, he is actually employed in the permanent Ganjam division.

3. I beg further to remark that your letter, No. 704 G., dated 1st May 1886, contained no reference to the request of this Government preferred in my No. 513 W., dated 25th February 1886, that renewed sanction be accorded to the temporary Engineering establishment employed on Tank Maintenance operations; and that, in consequence, the Examiner of Public Works Accounts has refused to pass the special allowance of Rs. 100 per mensem to the Superintendent of Works. I am therefore to request that the Government of India will now be good enough to sanction the allowance for the year 1886-87.

4. To recapitulate the points in this letter requiring the orders of the Government of India—

(1) renewed sanction to the appointment of Mr. P. Mahoney as temporary Engineer on Rs. 350 per mensem, for a period of twelve months, with effect from 19th October 1886;

(2) renewed sanction to the appointment of Mr. C. Lowry as temporary Engineer on Rs. 350 per mensem, for a period of twelve months, with effect from 18th October 1886;

(3) early sanction to the appointment of Mr. H. Frankland as temporary Engineer on Rs. 350 per mensem, for a period of twelve months, with effect from 29th March 1886;

(4) early sanction to the appointment of S. Krishnamachariyar, B.C.E., as temporary Engineer on Rs. 350 per mensem, for a period of twelve months, with effect from 17th April 1886;

5
2134-35

(5) renewed sanction to the appointment of Mr. L. P. deClosets as temporary Engineer on Rs. 300 per mensem, for a period of twelve months, with effect from 13th May 1886;

(6) renewed sanction for the official year 1886-87 to the grant of an allowance of Rs. 100 per mensem to the officer holding the appointment of Superintendent of Works, Tank Maintenance Scheme.

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

Colonel, R.E.,
Secretary to Government, P.W.D.

Ootacamund,
25th August 1886.

Exd. A. Aubert.
Spare Copies

GENERAL.
ESTABLISHMENT.

Govt. of [1886] Madras.

PUBLIC WORKS.

Dated August, 25th.

Recd. *Encl.*

25th Aug. 1886, No. 2135 W.

AUGUST.

Tank Maintenance Scheme

A statement showing the expenditure incurred against the special grant for Tank Maintenance works, and a review of the work done up to the end of 1885-86, forwarded to the Government of India; and their sanction requested to certain appointments of temporary Engineers and to the grant of an allowance of Rs. 100, during 1886-87, to the Superintendent of Works in charge of the scheme.

Paras. 2336 and 2338. [P. W. D. Form No. M 160.]

No. 167 of 1886. 87 — 2584.35

Supdt of ~~Circle.~~ Works T. M. Scheme *Division or Office.* *List of Disallowances from the* Salary *Bill for* June 1886.

Name and Rank.	Amount disallowed. RS.	A.	P.	Reason of Disallowance.	Explanation by Executive and Superintending Engineers.
a) Major D McNeill Campbell R.E., Executive Engineer 1st Grade Superintendent of Works T. M. Scheme Allowance from 17 April 86 at Rs 100/-	246	10	8	a Audit deferred pending sanction of the Government of India to the grant of the allowance. The allowance has been hitherto passed provisionally awaiting orders of the Government of India but as these orders have not been received, the audit of the claim has been deferred for the present and a reduction in the amount of Income tax recoverable made.	
Total	246	10	8		
Carried forward ..					

Sd/ D C Gordon
Examiner of P W Accts

(True Copy)

Major R.E.
Supdt of Works
T. M. Scheme

N.B.—This space should not be written upon as it is required for filing the list.

Name and Rank.	Amount disallowed. RS.	A.	P.	Reason of Disallowance.	Explanation by Executive and Superintending Engineers.
Brought forward					

RW [illegible] 5/7/86

N.B.—This space should not be written upon as it is required for filling the list.

The explanations by Executive and Circle Officers should always be given on this paper, the one under the other in the col. provided for the purpose.

7/2184 35

No. 2132 T

OFFICE OF THE SUPTG. ~~ENGINEER~~, of Works
TANK MAINTENANCE SCHEME,
Chepâk, 3rd July 1886.

From
THE SUPERINTENDING ~~ENGINEER~~, of Works
TANK MAINTENANCE SCHEME,

To
THE Chief Engineer
P.W. Department

Enclosures, 1

SIR,

In forwarding herewith a copy of the Dis: allowance List from the salary bill of this Office for June 1886, I have the honor to request that you will be so good as to obtain the sanction of the Government of India to the allowance as Superintendent of Works Tank Maintenance Scheme as required by the Examiner.

I have the honor to be
Sir
Your most obdt servt
Alex. Campbell Walker Major R.E.
Supdt of Works T.M.S.

7.d

G.O. 1369 W. 31.5.86
" 573 W 25.2.86
" 572 W 25.2.86
460 D. 2.8.86.

P.W.C. No. 5171

(5)

From

The Supt of Works
T. M. Scheme

To

The Chief Engineer
P.W.D.

No. 2132 T
Dated 3rd July 1886
Recd.
Despd

Enclo:
one

Subject

Requests to obtain the Sanction of the Govt: of India to the allowance as Supt: of Works

C.E.S. 3077.
C. 6.7.86

C. No. 5171

(5) 9/2134-35

To
C.A.W.

For information.

I have explained to D.W. that sanction to the extra allowance to the Supt: of Works was applied for in G.O. No. 572/573 W of 25-2-86 but that the Govt: of India had not ~~[illegible]~~ alluded to it in their reply recorded in G.O. 1369 W dated 31st May 1886.

D.W. has agreed that this question "lie over" till the report of the Chief Engnr: for Irrgn: on the work of the Tank Maintenance Scheme is forwarded to the Govt: of India.

W.
6.7

" H. Frankland ___ " 350 G.O. No. 1377 W d/ 31st May 1886.
" S. Krishnamachariyar ___ " 350 G.O. No. 1373 W d/ 31st May 1886.
" L. P. De Close ___ " 300 G.O. No. 1062 W d/ 27th April 1886.

II/2134-35

G. C. 1369 W. 31.5.86
" 573 W 25.2.86
" 572 W 25.2.86
460 D. 2.8.86.

C.&S. 30/7.
C. 6.7.86

To W. $\frac{10}{2134\text{-}35}$ Cir 35245

The draft order on this letter might be passed with your approval, & on receipt of the information called for from the Ch. E. for I., the Govt. of India can be addressed on the subject of the staff of temporary engineers required for the Tank divisions.

To make the matter clear, it will be necessary to prepare a statement showing opposite the name of each officer, the no. & date of the G. I. letter sanctioning his appointment, or the no. & date of this office letter applying for sanction.

Instructions will be sent to the

" H. Frankland ____ " 350 | C No. 1377 W. d/ 31st May 1886 ____
" S. Krishnamakaiyar ____ " 350 | C No. 1373 W d/ 31st May 1886. ____
" L. P. De Closet ____ " 300 | C No. 1062 W. d/ 27th April 1886. ____

$\frac{\text{II}}{2134\text{-}35}$

G. O. 1369 W. 31.5.86
" 573 W 25.2.86
" 572 W 25.2.86
460 D. 2.8.86.

Establishment clerk to prepare the statement in anticipation of receipt of a reply from G. I.

26.5.86

Noted & approved.

26.5.86

C. W. 30/7.
C. 6.7.86

Temporary Engineers in Tank Maintenance Scheme.

Names		No. and date of last letter applying for sanction	No. and date of last Govt. of India letter granting sanction
Mr. P. Mahoney	Rs. 350	No. 1489 W. d/ 25th June 1885	No. 1061 G. d/ 13th July 1885.
" C. Lowry	" 350	No. 1718 W. d/ 23rd July 1885	No. 1224 G. d/ 7th August 1885
" T. W. Scott	" 550	No. 266 W. d/ 29th January 1886	No. 241 G. d/ 12th February 1886.
" R. Vaidyanatha Aiyar	" 350	No. 624 W. d/ 8th March 1886	No. 489 G. d/ 19th March 1886.
" E. T. Handcock	" 450	No. 2965 W. d/ 10th December 1885	No. 1870 G. d/ 18th December 1885.
" A. Frankland	" 350	No. 1377 W. d/ 31st May 1886	
" S. Krishnamachariyar	" 350	No. 1373 W. d/ 31st May 1886.	
" L. P. De Closets	" 300	No. 1062 W. d/ 27th April 1886.	

II
2134-35

C No. 3545.

$\frac{12}{2184-35}$

Note

In G.O. No. 512 W of 25 February 1886, the number of temporary Engineers required for three Tank Divisions was given and the Government of India also informed that three Engineers would be required for No. II Division. The twelve temporary Engineers are distributed as follows:—

4. Ex: Engineers for charge of the four Divisions.

4. Asst: Engineers to assist the Ex: Engineers and to take charge of the

Divisions in any eventuality.

4. Sub Engineers to be in charge of sub Divisions.

In the statement to the Govt: of India with letter No. 860 W of 30th March 1886 the following temporary Engineers were entered against the four Tank Divisions.

1. Mr P. Mahony	on Rs 350	Tank I	
2. " C. Lowry	" 350		
3. " T. W. Scott	" 550	Tank II	
4. " R. Vaidyanatha Aiyar A.C.E. B.C.E.	" 350		
5. " E. T. Handcock	350	Tank III	
6. " A. Frankland	350		
7. " S. Krishnamachariyar A.C.E. B.C.E.	350	Tank IV	
8. " L. P. Declosets	300		

No 1 is a Sub Engineer 3d grade on the permanent establishment and has had 21 years experience.

No 3 is a retired Ex: Engineer of the Bombay Estabt:

No 4 is a Sub Engineer 3d grade substantive protem on the permanent Estabt and has had 7 years experience

No 6 is a Sub Engineer 3d grade on the permanent Estabt; and has had 16 years experience.

No 7 is a Sub Engineer 3d grade temporary and has had 8 years experience.

Nos 4 & 7 have passed the A.C.E and B.C.E examinations

M. 15.5

No 2 is the son of Mr E. J. Lowry who was for many years an Executive Engineer of the Madras P. W. D.

Mr C. J. Lowry possesses good

good testimonials as to ability and conduct and was the ex Local Fund Engineer of Hosur, Salem District.

No 8 is the son of Mr N. P. Declosets an Engineering contractor in Madras.

Mr L. P. Declosets served an apprenticeship under his father and possesses a Knowledge of Engineering work.

Mr Declosets was first appointed temporary Engineer on Rs 200 per mensem on probation in May 188[illegible] and afterwards in March 1884 his salary was increased to Rs 300 per mensem.

His appointment received the sanction of the Govt of India.

6-20-5-86

19
2189-35

Note on Govt. of India letter No 704 G. d/ 1st May 1886.

With reference to para 2 of Govt of India No 704 G dated 1st May 1886 it is observed that the number of temporary Engineers required for each of the Tank Divisions has already been reported to the Govt. of India. It was stated that 4 Ex. Engrs and 4 Asst. Engrs would be wanted vide G.O. No 512 W of 25th Feby 1886. The names with salary of those it was proposed to appoint were given in the list sent to Govt of India with No 880 W of 30th March 1886. It is therefore not clear what further information is required. However a revised statement can be made out giving details regarding the qualifications of each man.

19/5/86

D.W.

19.5.86.

3524/5

Tank division

Note by [illegible]

W

6.20.5.86

15
2184-35

H.C.

~~Please despatch~~
~~docket to Simla~~
~~with 5 spare copies~~
~~for [illegible]~~
~~been taken out~~
~~& given to [illegible]~~
~~advice [illegible]~~
~~office of despatch~~
~~Send up please~~
~~and then [illegible]~~
~~of the Pro. & letter~~
~~continued, &c~~

W. Cer
30/8

H.C.
Letter & Pro. (5 spare
copies of each) despatched
herewith to Simla this
day — J.P. 30-8-86 —

Despd —

16
2184-35

In No. 513 W dated 25th
bruary 1886, the Government of
ndia were requested to renew
he existing sanction for the
emporary establishment for
he Tank Maintenance
cheme, and to accord
anction to the establish
ment required for No.
Tank Division.

In their reply No. 704 G. of
18th May 1886, the Government
ndia, while sanctioning
No. 4 tank division, call
certain information, and
ey decline to sanction the
dditional staff for any
ngineers" without reference to
e men it is proposed to
ploy": but they omit
mention whether they
enew the existing sanction
for the temporary establishment

now

C A W

Letter to the Govt of India No. 2135 W with 6 spare copies of P M G and letter for signature of W and despatch to the Govt of India. Please inform date of despatch for note in original.

A.
27/8/86

Submitted for his signature

Signed - [illegible]
30/8/86

Let me have spare copies of letter & Proceedings

[illegible] 30/8

6-20-5-86

In No. 513 W dated 25th February 1886, the Government of India were requested to renew the existing sanction for the temporary establishment for the Tank Maintenance Scheme, and to accord sanction to the establishment required for No. 4 Tank Division.

In their reply No. 704 G. of 1st May 1886, the Government of India, while sanctioning No. 4 tank division, call for certain information, and they decline to sanction the additional "temporary Engineers" without reference to "the men it is proposed to employ": but they omit to mention whether they renew the existing sanction for the temporary establishment

now

unemployed. The result of this is that C objects to pass the allowance for the Supt of Works.

The information called for by the Govt of India will it is believed be submitted soon, and it would be well if at the same time their attention were called to the fact that they have omitted to renew the sanction for the existing establishment viz:—

	Local allowance to Supt of Works	100
2	Engineers at Rs 650	1300
1	" " at Rs 550	550
3	" " Rs 450	1350
3	" Rs 300	900
		4200

and to inform them that this ~~the~~ establishment was necessarily kept on pending sanction.

2/8/86

a. 2.8.86.
b. 20.5.86

Vide S.O. 1160 D-9
2-8-86—

Noted by DW

To W

This matter must apparently stand over, pending receipt of a reply to S.O. letter 1369 W of 21.5.86. A second reminder has just gone to G.O. on the subject.

4/8

C.M.
3.8.86

W

unemployed. The result of this is that C objects to pass the allowance for the Supt of Works.

The information called for by the Govt of India will it is believed be submitted soon, and it would be well if at the same time their attention were called to the fact that they have omitted to renew the sanction for the existing establishment Viz

	Local allowance to Supt of Works	100
2	Engineers at Rs 650	1300
1	" " at Rs 550	550
3	" " Rs 450	1350
3	" " Rs 300	900
		4200

and to inform them that this ~~the~~ establishment was necessarily kept on pending sanction.

2/8/86

Vide [illegible] D.
2-8-86

C.1
3.8.86

C. 2. 8. 86.
C. 20. 5. 86

~~File by Langley~~
18/2184-35

Tanks division

D.C.
[illegible]

S.P. [illegible]
23-8-86

Part II of File
Connected with Co. No
6/82.

SAW

19
2134-35

Kindly cause
fair letter ~~to India~~
to be sent up
with P.G. (spare
copies &c complete)
for signature,
& for despatch
direct from
Ooty—

The G.O. can
be issued from
Madras

CM
23.8.86

Letter to India No
1377 [illegible]
[illegible] relating
[illegible]
[illegible]
[illegible]

20
2134-35

F INDIA.
EPARTMENT
L.

to the Government of Madras
ublic Works Department

Simla 7th May 1886.

your letter No 1062 W dated
uesting sanction to the
yment, for a further
ths, of Mr. L. P. DeClosets,
Engineer, I am directed
Government of India
ing the appointment
tion called for in Public
nt No. 1864 G of 1st May 1886
shed.

I have the honor to be
Sir
our most obedient servant

W. Sampson

nder Secy to the Govt. of India

---

a. 2.8.86.
a. 20.5.86

now employed. The result of this is that C objects to pass the allowance for the Supt of Works.

The information called for by the Govt of India will it is believed be submitted soon, and it would be well if at the same time their attention were called to the fact that they have omitted to renew the sanction for existing establishment

Local allowance to Supt of works
2 Engineers at Rs 650 13
1 " " at Rs 550 5
3 " " Rs 450 13
3 " " Rs 300 9
42

and to inform ~~them~~ them that this ~~[illegible]~~ establishment was necessarily kept on pending sanction

2/8/86

C. 2. 8. 86.
C. 20. 5. 86

No. 1476

2/184-35

D0

All communications should be addressed to the Secretary.

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT
GENERAL.

To

The Secretary to the Government of Madras
Public Works Department

Simla 7th May 1886.

Sir

In reply to your letter No 1062 W dated 27th April 1886, requesting sanction to the continued employment, for a further period of 12 months, of Mr. L. P. DeClosets, as a temporary Engineer, I am directed to state that the Government of India defers sanctioning the appointment till the information called for in Public Works Department No. 8/4 G of 1st May 1886 has been furnished.

I have the honor to be
Sir
Your most obedient servant

W B Sampson

Under Secy to the Govt. of India

+ Sent to [illegible]
10/5

B. No 1062 W. 27.4.86
R.6. 2579 W 3.2.83
" 1013 W 19.4.84
" 657/658 W 11.3.84
B. No 443 W. 19.2.84
" 1987 W 18.7.83
" 1758/1759 W 22.6.83
No 1304 D. 7.6.83
B. No 1327 W 8.5.83

Order 377

L P de Clerck

17 MAY

Lie over
11/5/86
D.W

To await receipt of information called for in P. on Cor 2545

5.6.86

D 20.5.86

21/2184 - 35

Note by the Chief Engr. for Irrgn.

No. 58 W.

Enclos:

The accompanying statement showing the expenditure incurred up to the end of 1885-86 against the special grant for Tank Maintenance Works, together with the following review of the work done, is submitted with reference to para 2 of G. O. No. 1369 W. of 31st May 1886.

2. The total expenditure amounted to Rs 5,74,911, of which Rs 3,40,455 were spent on the investigation of the requirements of tanks and the balance on the execution of works. The expenditure on investigation includes the share of the cost of the special Establishment chargeable to the execution of works during the short period that establishment was engaged on the dual duties of investigation and execution. It was originally intended that the officers of the tank divisions should not only prepare the way for the work of restoration by the necessary professional investigation but should themselves carry it out. In July 1884, however, on consideration of the results of the investigations of the Periyakolam Minor basin, which

which were collected during the previous year, it was decided* that to obviate waste of power and indefinite delay in the work of investigation, the tank division Establishments should confine their attention to the preparation of the irrigation record and of the plans and Estimates for the works, the execution of the works estimated for being handed over to the ordinary staff of the department. Under this arrangement the Tank Maintenance grant is charged with 23 and 1 per cent on expenditure respectively for General Establishment and Tools and Plant, in addition to the cost of special Establishment & Tools & Plant.

*G.O. No. 646-I
12th July 1884.

Investigation

3. On the introduction of the Tank Maintenance Scheme in April 1883 the No. 1 Tank divn. was formed and commenced work in the Madura District the sphere of operations being subsequently extended to such parts of the Coimbatore district as are in the Amaravathi basin. The country under investigation by this division is divided into two river basins, the Upper Vaigai and the Amaravathi, the former being subdivided into five and the latter into eleven minor basins as shown in the statement printed with G.O. No. 878-I, of 15th October 1885. The investigation of all works in the Upper Vaigai river

[illegible] 20-5-86

river basin and in the Udumalpet and Kon-
-gayaur minor basins of the Amaravathi
river basin was completed during the period
under review while that in the Dindigul,
Palni, Upper Amaravati and Dharapuram
minor basins was in progress. Plates showing
the position and grouping of the tanks investi-
-gated and the works proposed to be carried out
have been lithographed, and memoirs giving a
description of the works, with the hydraulic and
financial particulars and levels have been printed
for Works in the Periakulam minor basin of the
Upper Vigai river basin, and copies thereof, together
with a general irrigation map of the Presidency
on a scale of one inch to 16 miles, and a state-
-ment of drainage areas and the average rainfall
for 10 years, were submitted to the Govt. of India
with letter, No. 422-I, of 5th May 1885. Plates
and memoirs for works in the Buttagunda
Minor basin have since been lithographed and
printed and will be submitted to the Govt. of
India shortly. Similar plates and memoirs for
works in the Suruliyaur minor basin are in
the press and those for works in the [illegible]
Talaivigai and Udumalpet minor basins are
under preparation.

4. No. II Tank division which was formed
in

in March 1884 started operations in the Madras basin, in the Chingleput district, which is divided into eleven minor basins. The investigation of works in three minor basins was in progress; memoirs and plates for works in one minor basin and in one group of another minor basin were under check.

5. No. III Tank division was formed in March 1885 and began work in the Kundair river basin, in the Kurnool district, and subsequently also in the Hindri river basin in the same district. The investigation of works was completed in the three minor basins of the latter, and nearly so in two out of eight minor basins of the former river, and a large number of estimates was under preparation. Greater progress would have been made in the preparation of estimates but for the difficulty experienced owing to the unhealthiness of Kurnool in inducing qualified draughtsmen to go to the district.

6. A detail irrigation map on a scale of one inch to a mile was prepared for the Noyel river basin, in Coimbatore District, besides similar maps for all other river basins the works in which are under investigation. It is from these maps that the maps for minor basins

basins, groups and subgroups on enlarged scales are drawn up.

7. The following statement shows the area covered by Tank Maintenance operations up to the end of the year 1885-86, the cost of investigation, and the total amount of the estimates prepared by each tank division:-

Divisions	Area covered by operations Sq.re miles	Cost of investigation	Estimates for works and repairs		
			Sanctioned	Under Check	Total
			Rs	Rs	Rs
Supt. of Works	"	87,685	"	"	"
No. I Tank Division	3,525	1,26,163	3,90,619	1,09,006	4,99,625
" II "	719	94,173	1,65,459	99,915	2,65,374
" III "	2130	40,434	20,697	57,896	78,593
Total	6,374	3,48,455	5,76,775	2,66,817	8,43,592

The area of operations of the Tank Maintenance Scheme was 6,374 sq.re miles, the amount of estimates prepared was Rs 8,43,592 and the cost of preparation was Rs 3,48,4[illegible] or nearly 41.31 per cent of amount of estimates. Some further expenditure will necessarily have to be incurred before the estimates under check are sanctioned, but this charge need not be taken into account as it will presumably be counterbalanced by the portion of the present expenditure which is due to and fairly chargeable to estimates still in course of preparation. The cost of investigation seems high, but it should be borne in mind that the special establishment is not merely engaged in surveying, levelling and preparing estimates, has also to group the works, prepare maps, and collect hydraulic and financial particulars which are not only of great use for the present occasion but will be of immense value in the future. The necessity for revising the estimates for some of the works in the Periakolam Minor basin, in the Madura district, so as to provide for repairing the damages caused by the unusually heavy floods during 1884 which occurred before the execution of the works first estimated for could be carried out has also enhanced the cost of investigation. The cost of investigation compares as follows with the amount of estimates sanctioned each year:-

	Cost of investigation	Estimates sanctioned
	Rs	Rs
Year 1883-84	52,056	36,600
" 1884-85	123,352	204,623
" 1885-86	173,047	335,552
Total	348,455	576,775

From the above it will be seen that as the work of investigation progresses, an appreciable reduction in the percentage of its cost on the estimates sanctioned is being effected.

8. The estimates sanctioned will, it is anticipated, increase the revenue derived from the works proposed to be restored from Rs 2,33,034 to Rs 2,66,331, the increase being nearly 6.9 per cent on the proposed expenditure.

Execution of Works.

9. The expenditure incurred on original works amounted to Rs 39,886 and that on repairs to Rs 1,47,536 as shown below:-

Districts	Original works	Repairs
	Rs	Rs
Madura	20,501	92,075
Coimbatore	821	2398
Chingleput	18,264	52,993
Kurnool	300	70
Total	39,886	1,47,536

Out of 254 works sanctioned in the Madura and Coimbatore districts, 49 were completed and 196 were in progress. Estimates for 9 works belonging to Zemindars and private parties were sent to the Collector for execution at the expense of the individuals

concerned

W.C. No. 385

(1)

concerned. In the Chingleput district 37 out of 78 surplus works sanctioned and 46 out of 103 sluices were completed, in addition to which the bunds of 57 tanks were raised and the masonry works of 40 tanks repaired. Eight surplus works and six sluices were in progress. Owing to the late date on which estimates were sanctioned for works in the Kurnool District in which operations were commenced only in 1885-86 little or no progress was made with the execution of works.

Com. No. 8-8

(Sd.) [illegible] Col. R.E.

Chief Engineer for Irrig.

Chepauk, 12th August 1886.

G.O. 1364 W. 31-5-86
" 847 W. 29-3-86
" 538 W. 2-3-86
" 573 W. 25-2-86
" 572 W. 25-2-86
" 1463. 13-2-86
" 11073. 26-12-85
" 5793. 15-10-85
" 1422 J. 5-6-85
" 4213. 5-5-85
" 543 W. 9-3-85
" 3133 W. 20-12-84
" 3137 W. 20-12-84
" 1982 W. 13-8-84
" 1987 W. 13-8-84
" 6473. 12-7-84
" 1306 W. 23-5-84
" 862 W. 31-3-84
" 861 W. 31-3-84
" 472 W. 21-2-84

G.O. 216 I. W. 7-8-83
" 1700 W. 16-6-83
" 1170 W. 19-4-83
" 3272 W. 11-12-82

The Chief Engineer
P.W.D.

[illegible] 9/8

C. 17-8-86

Statement showing the expenditure incurred up to the end of 1885-86 against the special grant for Tank Maintenance works.

95/2134 or 35

	1883-84	1884-85	1885-86	Total
Investigation—				
Engineer Establishment	25,525	48,921	60,930	1,35,376
Upper Subordinate	7,778	24,663	36,027	68,468
Lower Subordinate & Petty Estt.	264	1,843	3,365	5,472
Office Establishment	6,874	14,654	20,932	42,460
Office Contingencies	2,279	3,839	5,338	11,456
Survey Establishments & Contingencies	2,142	19,521	40,922	62,585
Scientific Instruments & Tents	7,194	9,911	5,533	22,638
Total	52,056	1,23,352	1,73,047	3,48,455
Execution—				
Original works	"	6,301	33,585	39,886
Repairs	1,425	49,557	96,554	1,47,536
Establishment	"	7,532	29,874	37,406
Tools & Plant	"	327	1,301	1,628
Total	1,425	63,717	1,61,314	2,26,456
Grand Total	53,481	1,87,069	3,34,361	5,74,911

No. 2134 W.

Genl Estabt.

26
~~2124~~-35

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 25th August 1886

again
READ the following

Letter from Govt. of India (No. 704 G. dated 1st May 1886)
G. O. No. 1369 I. " " 31st Do)

Read also the following:-

Letter from Govt. of India (H.G. No. 747 G. dated 7th May 1886)
" " Supt. of Works } " " 2132 I. " 3rd July ")
" Tank maintenance Scheme }
" Supg. Engr. 1st Circle - (" " 266 G. I. " 15th Do)

~~Endorsements from Examiner, P.W. Accounts No. 2222 ..., dated 20th July 1886 on letter from Executive Engineer South Arcot Dn. No. 108, dated 26th July 1886.~~

Note by the Chief Engineer for Irrigation No. 68 E.I. dated 12th August 1886.

p. 11

The note by the Chief Engineer for Irrigation above recorded will be forwarded to the Government of India, with advertence to their letter with respect to each -

No. I Tank Division -

Mr. P. Mahoney - temporary Engineer on Rs 350 per mensem - This Officer is a Sub Engineer 3d grade in the permanent upper subordinate establishment, and has had 21 years' service - His appointment as a temporary engineer, for a period of twelve months, was sanctioned in your letter No. 1061 G dated 13th July 1885; and as the appointment had effect from 19th October 1885, renewed sanction for a further period of twelve months will be required from 19th October 1886 -

Mr

28/2134 35

Mr. C. Lowry - The appointment of this Officer, as a temporary engineer on Rs 350 per mensem for a period of twelve months, was sanctioned in your letter No. 1224 G, dated 7th August 1885 - He stands nominally posted to the No. I Tank division, but he is actually employed in the permanent Madura Division, setting free an Officer of the permanent establishment for employment in the ~~former~~ Tank division - The sanction to his employment expires on the 18th October 1886, and renewed sanction for a

No. 704 G, dated 1st May 1886, and the following letter will be despatched -

P.E. No. 2135 I, d/ 25th August 1886

To the Chief Engr for Irrign
" S.E.I Circle ✓
~~[illegible]~~ ✓
" Supt of W. J. [illegible] ✓
" Sec PW Secty

Desp
27/8/86

To,

The Secy: to the Government of India, P.W.D.

Sir,

In reply to para 1 of your letter No. 704 G, dated 1st May 1886, I am directed to forward, for the information of the Govt. of India, the accompanying copy of Proceedings of this Government No. 2134 I, dated 25th August 1886, in which is embodied an abstract statement showing the total expenditure incurred up to the end of

of-

21/2136

of 1885-86 against the special grant for tank maintenance operations under the several heads mentioned, together with a review of the work done in surveying, estimating, ~~and~~ construction, and repairs, to the end of March 1886.

2- With advertence to para 2 of your letter, I am directed to state that the number of temporary officers required for each Tank division, with their names and salaries, was shown in the statement appended to my letter No. 1368 I, dated 31st May 1886, and I am now to submit the following remarks further period of twelve months is required from that date.

No II Tank Division.

Mr T. W. Scott. The appointment of this officer, as a temporary engineer on Rs 550 per mensem for a period of twelve months from 23d March 1886, was sanctioned in your letter No 241 I dated 12th February 1886, and further orders in his case are not required for the present.

R. Vaidyanatha Aiyar B.C.E.

This officer is a Sub Engineer 3d grade on the permanent upper subordinate establishment, and his employment, as a temporary engineer on Rs 350 per mensem

for a period of twelve months with effect from 2d May 1886, was sanctioned in your letter No 489 I, dated 17th March 1886. He stands nominally posted to the No II Tank division, but he is actually employed in the permanent Chingleput division.

No III Tank Division.

Mr E. F. Handcock. The employment of this officer, as a temporary engineer on Rs 450 per mensem, for a period of twelve months, with effect from 22d January 1886, was sanctioned in your letter No 1870 I, dated 18th December 1885, and no further orders are required for the present.

Mr H. Frankland - This Officer is a Sub Engineer 3rd grade on the permanent upper subordinate establishment and the reasons for nominating him for a temporary engineership were fully explained in my letter No 1377 W, dated 31st May 1886 to which no reply has been received. I am again to request the favor of early sanction to his employment as a temporary engineer on Rs 350 per mensem for a period of twelve months with effect from 29th March 1886 - As already explained,

in

in my letter above quoted, he stands nominally posted to No III Tank division, but is actually employed in the permanent Kurnool division.

No IV Tank Division -

S. Krishnamachariyar B.C.E.

This Officer is a supervisor 1st grade on the permanent upper subordinate establishment, and the reasons for nominating him for a temporary engineership were fully explained in my letter No 1373 W, dated 31st May 1886, to which no reply has been received. I am again to request the favor of early sanction to his appointment as a temporary engineer on Rs 350 per mensem for a period of twelve months with effect from 17th April 1886. As already explained in my letter above quoted, he stands nominally posted to No IV Tank division, but is actually employed in the permanent Tanjore division.

Mr L. P. de Costa - The last letter from the Government of India sanctioning the employment of this Officer as a temporary engineer on Rs 300 per mensem, was your No 155 L, dated

BC/2134-35

28th January 1885 - The sanction therein given expired on the 13th May 1886, and renewed sanction for a further period of twelve months was applied for in my letter No 1062 L, dated 27th April 1886 - In reply, it was stated in your No 747 L, dated 7th May 1886, that the Government of India had deferred sanctioning the appointment until the information called for in your No 704 L, dated 1st May 1886, had been furnished - That information having now been given, I am to request the favor of early sanction to the appointment, as much inconvenience has been caused by the delay. Mr. deRosels stands nominally posted to No. IV Tank division, but, on the principle explained in my letter No. 1368 W, dated 31st May 1886, he is actually employed in the permanent Ganjam division.

3. I am further to remark that your letter No. 702 I, dated 1st May 1886, contained no reference to the request of this Government preferred in my No. 513 W., dated

31/2434.35

dated 25th February 1886, that renewed sanction be accorded to the temporary engineering establishment employed on tank maintenance operations; and that, in consequence, the Examiner P. W. Accounts has refused to pass the special allowance of Rs 100 per mensem to the Superintendent of Works. I am therefore to request that the Government of India will now be good enough to sanction the allowance for the year 1886-87.

4. To recapitulate the points in this letter requiring the orders of

the Government of India:—

(1) renewed sanction to the appointment of Mr. P. Mahoney as a temporary engineer on Rs 350 per mensem, for a period of twelve months, with effect from 19th October 1886;

(2) renewed sanction to the appointment of Mr. C. Lowry as a temporary engineer on Rs 350 per mensem for a period of twelve months, with effect from 18th October 1886;

(3) early sanction to the appointment of Mr. H. Frankland as a temporary engineer on Rs 350 per mensem, for a period of twelve

32/2184 35

months with effect from 29th March 1886;

(4) early sanction to the appointment of S. Krishnamachariyar B.C.E., as a temporary engineer on Rs 350 per mensem, for a period of twelve months with effect from 17th April 1886;

(5) renewed sanction to the appointment of Mr. L. P. de Clozets, as a temporary engineer on Rs 300 per mensem, for a period of twelve months, with effect from 13th May 1886;

(6) renewed sanction for the official year

1886-87 to the grant of an allowance of Rs100 per mensem to the Officer holding the appointment of Superintendent of Works, Tank Maintenance Scheme.

22-8-86

Print and send

E.W. 24/8 Draw letter to India for my signature

25.8

Cu

1886-87 to the grant of
an allowance of Rs100
per mensem to the
Officer holding the
appointment of Super-
intendent of Works,
Tank Maintenance
Scheme.

22-8-86

Print urgent

24/8 Issue letter to India
for my signature

25.8

Cn

21.12.11 ✓

6380

Govt. of 1886 Madras.

PUBLIC WORKS.

Print urgent

Fair letter to India

for Govt's signature

Dated

Recd. Encl.

G.O. 25th August 1886, No.

(1) 2134

(2) 2135

(3) 2134, 213

Tank maintenance Sche

(1) Note by the Chief Engr for i
furnishing a statement showing
the Expenditure incurred against
the Special grant for Tank mainten
works, & a review of the work
done, up to the end of 1885-86,
ordered to be forwarded to the Govt
of India.

— — — — — — — — —

Tank maintenance Sche

(2) a Statement showing the Expendi
incurred against the Special gr
for Tank maintenance works,
a review of the work done
up to the end of 1885-86, forw
to the Govt of India; and the sanct
requested to certain appoint
:ments of temporary Engineers
to the grant of an allowance of
Rs 100 during 1886-87 to the
Supt of works in charge of the Sche

— — — — — — — — —

30th Aug Tank maintenance
Scheme

(3) Orders furnishing to the Govt of
India a statement showing

the Expenditure incurred
against the Special grant
for Tank maintenance works
& a review of the work
done, up to the end of 1885-86
& requesting sanction of that
Govt to certain appointments
of temporary Engineers &
to the grant of an allowance
of Rs 100 during 1886-87 to
the Supt of works in charge
of the scheme.