(1) Number of pages 32

(2) Date of repair 20.5.87

(3) Initials of the Referencer Lvm

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

PUBLIC WORKS DEPARTMENT

G.O. No. / ~~B.P. No.~~	135 W	Press. / ~~Mis.~~
Dated	13. 1. 1883	~~198~~

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Archives I--10,006 I -80.

135
1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General Establishment.

No. 130.

READ—the following paper :—

From the Executive Engineer, Kurnool Canal Division, to the Superintending Engineer, Third Circle, dated 18th December 1882, No. 554-78 S.E.-III.

In bringing to your notice that the sanction accorded in G.O., No. 582 I., of 27th July 1882, and G.O., No. 804 I., of 12th October 1882, to the establishment for the audit of traffic accounts, lapses on the 1st January 1883, I have the honor to state that, in order to close these accounts and compile the returns connected therewith, it will be necessary to appoint a temporary clerk for a further period of two or three months.

As the present traffic audit clerks have been transferred to the regular clerical establishment of the division with effect from the 1st January 1883, I propose to keep on P. Ruthnam Pillay, lately an Accountant in the Chief Accountant and Government Auditor's Office, for three months on a salary of Rs. 50 * per mensem (Rs. 70 was the amount proposed by the Deputy Examiner of Accounts on his recent inspection of the division for a good clerk to be in charge of traffic accounts, *vide* G.O., No. 2753 W., of 23rd October 1882).

P. Ruthnam Pillay has much experience in this kind of work, and was in charge of the traffic accounts in previous years under the Chief Accountant of the Company, and as it is very necessary that these accounts should be closed satisfactorily, I have the honor to request that you will obtain the sanction of Government to his temporary appointment at an early date.

There will be savings in the estimate of establishments of this division for this year.

* The present establishment as sanctioned in G.O., No. 582 I., consists Rs. 75 as follows:—

	Rs.
1 Accountant	35
1 Clerk	25
1 Do.	15
	75

No. 1747.

Endorsement on the above.

Submitted to the Chief Engineer for Irrigation with the request that sanction may be given to the employment of a temporary clerk on Rs. 50 per mensem for three months, from January to March 1883, for the closing of the traffic accounts.

BELLARY, 23rd December 1882.

(Signed) ROSS THOMPSON, Lieut.-Col., R.E., Offg. Suptg. Engr., Third Circle.

No. 5 E.W.

The Superintending Engineer's recommendation is approved, and is forwarded to the Chief Engineer, Public Works Department, for disposal.

CHEPAUK, 10th January 1883.

(Signed) A. S. RUSSELL, *for* Chief Engineer for Irrigation.

No. 131.

Order—dated 13th January 1883, No. 135 W., Public Works.

The employment of the temporary clerk on Rs. 50 per mensem recommended by the Superintending Engineer for a period of three months is sanctioned, and an appropriation of Rs. 100 is made from the grant for Temporary Establishments for the current official year.

2. This sanction has been registered as Provincial No. 54 W. of 1882-83 and classified as Establishment.

(True Extract.)

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

To the Superintending Engineer, Third Circle.
„ Chief Engineer for Irrigation.
„ Examiner, Public Works Accounts.

Exd. A. F. Goodall.
Spare Copies

GENERAL.
ESTABLISHMENT.

Govt. of {1883} Madras.

PUBLIC WORKS.

Dated January, 13th.

Read. *Each.*

G.O., 13th Jan. 1883, No. 135 W.

JANUARY.
Nos. 130-131.

Late Madras Irrigation and Canal Company.

The employment of a temporary clerk to close the traffic accounts of the —, sanctioned.

135
3

27TH JULY 1882, No. 583 I., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Establishment.

No. 86.

READ—the following letter from G. T. WALCH, Esq., Officiating Superintending Engineer, First Circle, on Special duty, to the Chief Engineer for Irrigation, dated Kurnool, 15th July 1882, No. 44-7 E.I.:—

I have the honor to forward, herewith, for approval, a modification of Schedule E* of the late Madras Irrigation and Canal Company's sanctioned budget, which, after discussion with Mr. Wilks, I consider to be necessary, partly on account of the extraordinary errors in the sanctioned schedule, and partly on account of changes which experience has shown to be necessary.

* Navigation Working Expenses.

2. As the total amount of the proposed arrangement is less than that of the original one, I have sanctioned it in anticipation of your approval.

ENCLOSURE.

KURNOOL CANAL DIVISION.

Detail of Navigation Establishment.

REVISION of Schedule E with Budget of Madras Irrigation and Canal Company.

	As Sanctioned for 1882-83.		As now Proposed.			Remarks.
	No.	Amount.	No.	Rate.	Amount.	
		Rs.		Rs.	Rs.	
STATIONARY.						
Inspectors	2	80	2	{ 50 / 30 }	80	
Station Masters	18	370	18	25	450	
Lascars	* 18	1,296	80	6	480	* Evident mistakes in original Schedule E.
Cooks	..	..	..	..	..	
Pair Ponies	..	..	..	..	..	
Pair Bullocks	85	† 817	85	15	1,275	† Evident mistakes in original Schedule E.
Audit of traffic accounts	..	..	1	35	35	These Clerks are required specially in lieu of those formerly employed in the Chief Accountant's Office for auditing and checking the traffic accounts.
Pay Clerk	..	..	1	25	25	
Writer	..	..	1	15	15	
Total ..	123	2,563	..	..	2,360	
FLOATING.						
Nine Boats, Passengers'.						
Writers	..	..	..	..	..	
Serangs	9	108	9	12	108	
Mates	9	72	9	8	72	
Lascars	27	162	27	6	162	
Total ..	45	342	..	..	342	

Revision of Schedule II with Budget of Madras Irrigation and Canal Company—*cont.*

	As Sanctioned for 1882-83.		As now Proposed.			Remarks.
	No.	Amount.	No.	Rate.	Amount.	
Three Gaff Boats.		Rs.		Rs.	Rs.	
Serangs	3	33	3	10	30	
Mates	3	21	3	7	21	
Lascars	3	44	9	6	54	
Total ..	9	75	..	..	105	
Fly Boats.						
Serangs	12	96	20	8	160	Experience has shown that the "Fly" Boats have just to be worked as *Barges*.
Mates	12	84	20	7	140	
Lascars	60	360	40	6	240	
Boys	..	..	20	5	100	
Total ..	84	540	..	..	640	
Barges.						
Serangs	5	64	..	..	..	
Mates	8	56	..	..	..	
Lascars	* 8	43	..	..	..	* 8 men only entered instead of 24.
Boys	..	..	..	..	..	
Total ..	24	163	..	..	..	
Monthly Total ..	..	2,683	..	..	3,447	
Total for six months ..	..	22,128	..	..	29,682	
Repairs of boats, furniture, &c. ..	..	5,000	..	..	5,418	See detail accompanying this estimate.
	..	27,128	..	..	25,100	

(Signed) G. T. WALCH,
Offg. Suptg. Engr., First Circle,
On Special Duty.

Kurnool Canal Division.

Season 1882-83.

Estimate for Repairs to 20 Cargo Boats and 12 Passenger Boats.

Particulars.	Quantity.	Rate.	Amount.	Amount hitherto spent.	Balance unspent.
Cargo Boats.		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Special Repairs.					
Cost of 25 iron plates delivered at Gooty ..	..	..	750 0 0		
Hamdy-hire for delivering the above in Kurnool	..	..	60 0 0		
Bending Machine	..	..	70 0 0		
			880 0 0	718 0 0	161 0 0
Passenger and Staff Boats	12	20 0 0 each	240 0 0		
Cargo Boats, regular repairs	20	12 0 0 each	240 0 0		
For drilling holes and fixing rubbing plate ..	20	15 0 0 per boat.	300 0 0		
Rivets ½ inch	1,500	1 8 1 per 100	23 9 3		
Do. ⅜ inch	2,500	0 11 0 per 100	17 3 0		
Painting Cargo Boats	20	6 0 0 each	120 0 0		
			959 12 3	574 10 8	385 1 7
Tarpaulins for 7 Queens, 6 Hilsews ..	13	..	1,223 15 0		
Charges for carriage	..	..	14 0 0		
Canvas for Boats	7	..	220 0 0		
			1,460 15 0	1,000 0 0	460 15 0

Estimate for Repairs to 20 Cargo Boats and 12 Passenger Boats—*cont.*

Particulars.	Quantity.	Rate.	Amount.	Amount hitherto spent.	Balance unspent.
Probable.		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Repairs and renewals for the next 6 months—					
Cargo Boats	20	6 0 0	120 0 0 per month.		
For 6 months ..	..	..	..	..	720 0 0
Passenger Boats	12	5 0 0 each	60 0 0	..	360 0 0
For 6 months ..	..	..	..	..	660 0 0
Stationery, furniture, &c.	..	..	..	..	150 0 0
Ropes	..	..	..	..	
	..	..	..	..	2,120 0 7
Add Contingencies ..	..	..	..	..	297 15 6
Total ..	..	..	..	..	3,018 0 0

(Signed) G. T. WALCH,
Offg. Suptg. Engr., First Circle,
On Special Duty.

No. 87.

Order—dated 27th July 1882, No. 582 I., Public Works.

The statement of detail of Navigation Establishment proposed for the Kurnool Canal is approved, and will be substituted for Schedule E in the Budget of the Madras Irrigation and Canal Company for 1882-83.

2. Ordered that copy of these Proceedings be forwarded to the Government of India.

(Here enter No. 583 I., dated 27th July 1882.)

(True Extract.)

(Signed) J. O. HASTED, Colonel, R.E.,
Ag. Joint Secy. to Govt., P.W.D.,
Irrigation Branch.

To the Superintending Engineer on Special Duty, Kurnool.
" " " Third Circle.
" Chief Engineer for Irrigation.
" Examiner of Public Works Accounts.

No. 88.

Endorsement—dated 27th July 1882, No. 583 I., Public Works.

Forwarded.

(Signed) J. O. HASTED, Colonel, R.E.,
Ag. Joint Secy. to Govt., P.W.D.,
Irrigation Branch.

Exd. A. F. Goodall.
Spare Copies

IRRIGATION.
ESTABLISHMENT.

Govt. of {1882} Madras.

PUBLIC WORKS.

Dated July, 27th.

Recd. *Encl.*

G.O., 27th July 1882, No. 583 I.

JULY.

Nos. 86—88.

Kurnool Canal Division.

FORWARDING Proceedings approving the statement of detail of Navigation Establishment proposed for the —.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

No. 41.

READ—the following paper :—

No. 92 I.

NOTE BY THE CHIEF ENGINEER FOR IRRIGATION.

Budget Estimates for the Kurnool Canal.

The Budget Estimates, for the Kurnool Canal, from the date of assumption of charge by Government to the close of the current year, have been submitted by the Superintending Engineer on special duty with reference to G.O., No. 523 I., of 6th July 1882. Corrections in them having been found necessary they have been recast in this office, and are submitted to Government with the following observations.

2. It was proposed, in paragraph 3 of the Proceedings of Madras Government quoted above, to class the canal as a Protective Public Work, past experience leading to the conclusion that the receipts from it cannot be expected, at any rate in the immediate future, to be more than, even if sufficient, to meet the maintenance charges, leaving the interest charges on the enormous capital that has been sunk in it wholly out of the question. It has however been clearly demonstrated that in periods of drought and famine the canal is largely drawn upon to increase the ordinary water-supply of the tract through which it runs and it is therefore of great value in this special sense. A copy of the abovementioned Proceedings was forwarded to the Government of India, but no orders regarding the classification of the canal have yet been received.

3. The revenue receipts have been estimated at Rs. 83,000 as detailed below :—

Receipts in the Public Works Department.

	Rs.	
Navigation Traffic receipts	17,500	
Water-supply to Kurnool	4,000	
Miscellaneous receipts	1,500	
		23,000

Receipts in the Revenue Department.

Irrigation Revenue—		
Kurnool	25,000	
Cuddapah	35,000	
		60,000
		83,000

4. The Revenue Department receipts have been arrived at thus. The amount entered for Irrigation Revenue in the Budget Estimate of the late Madras Irrigation and Canal Company for 1882-83 was Rs. 71,500. Deducting from this Rs. 8,592, the amount of collections for the first three months of the year, the balance is Rs. 62,908. In lieu of this balance Rs. 60,000 has been taken as the estimated revenue for the remaining nine months of the year.

5. The estimate of expenditure on Capital and Revenue Accounts amounts to Rs. 3,187 and Rs. 1,12,474 respectively as detailed below:—

—	Capital Account.	Revenue Account.
	Rs.	Rs.
Works	2,560	...
Repairs	...	66,125
Navigation traffic, boat crew, and draught cattle	...	17,052
Establishment	589	25,031
Tools and Plant	38	4,266
Total ...	3,187	1,12,474

6. The expenditure proposed on Capital Account is for the purpose of completing the line of telegraph along the canal. There are at present two gaps in it, aggregating 38 miles in length, on which the posts have been already put up. The completion of the line is essential in the interests of the navigation traffic.

7. The amount applied for under Repairs includes lump sum provision for commencing repair of the damages to the Soonkasala anicut and the north flood bank of the Tungabhadra caused by the floods of July last. The extent of damage to the anicut cannot as yet be fully ascertained, but it is believed to be breached for a length of about 190 feet. The north flood bank gave way for a length of 250 feet, but detailed estimates for its restoration have not yet been prepared. Materials have been collected and the repairs ordered to be put in hand as soon as possible. Certain alterations to the under-sluices at the anicut have also been provided for.

8. The estimate of navigation traffic expenses sanctioned in G.O., No. 582 I., dated 27th July 1882, has been distributed as follows:—

	Rs.
Boat crew and draught cattle	17,052
Establishment	3,630
Tools and Plant—repairs to floating plant	3,018
	23,700

9. The system of navigation adopted by the late Company is temporarily maintained, but proposals for assimilating it to the system followed on the Godávari and Kistna Canals are under consideration.

10. The question of provision for establishment is necessarily somewhat complicated, the employment of the staff of the late Company having been sanctioned for six months after the date of transfer, and the scale of establishment deemed necessary for the canal under Government control having subsequently to be introduced. The following remarks will, however, explain how the establishment charges entered in the Budget Estimate have been arrived at.

11. In the statement submitted by the Superintending Engineer, the cost of establishment employed in the Kurnool Canal Division has been provided for up to 6th January 1883. This has been revised with reference to the revised list of the late Company's establishment submitted to Government with this office endorsement No. 90-I., dated 14th September 1882. The revised statement includes:—

(1) the pay of the Company's Chief Accountant and his establishment up to 6th January 1883;
(2) the pay of Inspectors, Station-masters, and office establishment sanctioned for working navigation in G.O., No. 582 I. of 27th July 1882;
(3) the pay of the Superintending Engineer on special duty for three months;
(4) the pay of the Accountant deputed to the division from the office of the Examiner of Public Works Accounts.

12. The allowance to the Consulting Surgeon at Kurnool has been provided for only up to 6th August 1882; payment of this allowance thereafter having been discontinued under G.O., No. 620 I., of 7th August 1882.

13. The scale of establishment proposed for the Canal Division in G.O., No. 200 I., of 18th March 1881, for working the canal after its transfer to Government, amounts to Rs. 5,429 per mensem, as shown below:—

	Rs.	Rs.
One Executive Engineer	800	
Two Assistant do.	800	
Nine Upper Subordinates	900	
		2,500
Office Establishment for Executive Engineer	450	
Do. for three Sub-Divisions	93	
Do. for eight Subordinates	120	
		663
Conservancy Irrigation Establishment		597
Do. Navigation do.		1,005
Store Establishment		175
Workshop Establishment		374
Medical do.		115
Total ...		5,429

14. In the scheme for the last reorganization of the Public Works Department, as laid down in Proceedings of Madras Government, No. 1,729 W., of 14th July 1881, only two instead of three sub-divisions, and six instead of nine Upper Subordinates were provided for, the Irrigation and Navigation Conservancy, the Store, the Workshop, and the Medical Establishments having been omitted. As it is absolutely necessary that these should be included, the estimated cost of establishment from January 7th 1883 has been calculated according to the scale laid down in G.O., No. 200 I., of 18th March 1881, except as regards the number of Sub-divisions, Upper Subordinates and Office Establishment which have been taken according to the provision in G.O., No. 1,729 W., of 14th July 1881.

15. The total cost of establishment employed in the division amounts to Rs. 55,500, while the contribution chargable to the canal according to the percentage system is only Rs. 25,620, leaving Rs. 29,880 to be met from other funds.

16. The charges for general tools and plant have been calculated at 1½ per cent. on the grant for works and repairs, and the amount required for special plant is taken from the statement printed with G.O., No. 582 I., of 27th July 1882.

17. In reference to the concluding paragraph of the Superintending Engineer's letter, regarding the preparation of repair estimates for the annual upkeep of the canal, he has been referred to previous instructions that were issued on the subject.

OOTACAMUND, 22nd September 1882.

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

To the Joint Secretary to Government, Public Works Department, Irrigation Branch.

STATEMENT showing the Estimated Cost of Establishment in the Kurnool Canal Division from 6th July 1882 to 31st March 1883.

No.	Designation.	Rate.	Amount per Month.	Months.	Total Amount.
	ESTABLISHMENT OF THE LATE MADRAS IRRIGATION AND CANAL COMPANY RETAINED BY GOVERNMENT UNTIL 6TH JANUARY 1883.	RS.	RS.		RS.
	Chief Engineer and Manager and his Establishment.				
1	Chief Engineer and Manager	*2,700	2,700	1⅕	3,240
1	Manager	50	50	...	...
1	Clerk	20	20	...	...
1	Signaller	15	15	...	...
9	Menial servants	2 to 8	58	...	...
			143	2⅕	314
	Medical Establishment.				
1	Consulting Surgeon	50	50	2⅕	110
3	Dressers	10 to 40	90	...	...
2	Attendants	6	12	...	...
			192	7½	734
	Chief Accountant and his Establishment.				
1	Chief Accountant...	305	305	...	...
3	Accountants	73 to 90	238	...	...
7	Clerks	10 to 30	132	...	...
4	Menial servants	2½ to 7	23½	...	...
			698½	7½	5,029½
	Divisional Establishment.				
	—	Salary. Allowance.			
		RS. RS.			
1	Executive Engineer ...	800 150	950	950	... ...
1	Assistant do.	300 120	420	420	... ...
2	Supervisors...	150 60	210	420	... ...
5	Overseers	30 to 40 10 to 20	40 to 70	292½	... ...
6	Sub-Overseers	10 to 20 10 to 15	10 to 35	135	... ...
7	Amins or Superintendents.	12 to 35 5 to 15	12 to 50	216	... ...
8	Tindals or Maistries		8½ to 20	92½	... ...
12	Clerks		11 to 90	398½	... ...
2	Draughtsmen		40	80	... ...
2	Signallers...		15 to 30	45	... ...
47	Menial servants		4 to 8	287	... ...
				1,316½	7½ 23,870
1	Sub-Overseer from 1st to 9th July 1882 ...		20	6	... ...
1	Maistry for July 1882		10	10	... ...
1	Clerk from 1st to 11th July 1882		10	3	... ...
1	Signaller 1st to 10th July 1882		15	5	 24
	Store Establishment.				
2	Storekeepers		0 to 110	160	... ...
2	Clerks		7½ to 30	47½	... ...
19	Menial servants		4 to 10	121	... ...
				328½	7½ 2,365

*Including Rs. 200 allowance.

Statement showing the Estimated Cost of Establishment in the Kurnool Canal Division, &c.—*cont.*

No.	Designation.	Rate.	Amount per Month.	Months.	Total Amount.
	ESTABLISHMENT OF THE LATE MADRAS IRRIGATION AND CANAL COMPANY RETAINED BY GOVERNMENT UNTIL 6TH JANUARY 1883—*cont.*	RS.	RS.		RS.
	Workshop Establishment.				
1	Clerk	35	35	...	...
1	Time-keeper	17½	17½	...	...
9	Menial servants	6 to 7	59½	...	...
			112	7½	806
	Contingencies.				
...	House-rent	40	40	2½	88
...	Sundry charges at Rs. 100 a month	...	...	...	700
					37,289½
	Navigation Establishment.				
2	Inspectors	30 to 50	80	6	480
18	Station Masters	25	450	6	2,700
1	Accountant	35	35	6	210
2	Clerks	15 & 25	40	6	240
	Total, Navigation Establishment ...	...	...	...	3,630
	Total, Establishment of the late Madras Irrigation and Canal Company ...	...	...	...	40,919½
	Establishment deputed by Government.				
1	Superintending Engineer, Third Class	1,100	1,100	3	3,300
1	Accountant	150	150	6	900
...	Travelling allowances	...	...	...	380½
	Total ...	...	...	...	4,580½
	Total, Cost of Establishment up to 6th January 1883 ...	...	...	...	45,500
	ESTABLISHMENT FROM 7TH JANUARY TO END OF FEBRUARY 1883 ACCORDING TO THE SANCTIONED SCALE OF ESTABLISHMENT—*Vide* G.O., No. 200 I., OF 18TH MARCH 1881 AND 1729 W., OF 14TH JULY 1881.				
1	Executive Engineer	800	800		
2	Assistant Engineers	400	800		
1	Sub-Engineer	200	200		
1	Supervisor	150	150		
4	Overseers	80	320		
1	Accountant	150	150		
	Office establishment of Executive Engineer ...	298	298		
	Do. do. of 2 Sub-divisions ...	31	62		
	Do. do. of 2 Detached Offices ...	25	50		
	Do. do. of 4 Subordinates ...	15	60		
	Conservancy Irrigation Establishment.				
7	Superintendents	...	235		
34	Head Lascars	8	272		
15	Lascars	6	90		

Statement showing the Estimated Cost of Establishment in the Kurnool Canal Division, &c.—*cont.*

No.	Designation.	Rate.	Amount per Month.	Months.	Total Amount.
	ESTABLISHMENT FROM 7TH JANUARY TO END OF FEBRUARY 1883 ACCORDING TO THE SANCTIONED SCALE OF ESTABLISHMENT—*Vide* G.O., No. 200 I., OF 18TH MARCH 1881 AND 1729 W., OF 14TH JULY 1881—*cont.*	RS.	RS.		RS.
	Conservancy Navigation Establishment.		427		
38	Superintendents	8	32		
4	Head Lascars	6	546		
91	Lascars				
	Stores.		175		
5	Storekeepers	25 to 60			
	Workshop.		250		
		250	100		
1	Superintendent	100	24		
	Office establishment	6			
4	Lascars		100		
	Medical Establishment.		15		
3	Dressers	5			
3	Attendants		5,156		
	Total ...	...	300		
	Travelling allowance	...	100		
	Contingencies	...	5,556	1½	10,000
	Total ...	...	...	...	55,500

ESTIMATE of Revenue under the Kurnool Canal from 6th July 1882 to 31st March 1883.

	Budget Estimate from 6th July 1882 to 31st March 1883.	Regular Estimate, 1881-82.	Budget Estimate, 1881-82.	Actuals, 1880-81.
DIRECT RECEIPTS TO BE INCLUDED AS REVENUE IN THE FINANCE ACCOUNTS OF THE PUBLIC WORKS DEPARTMENT—PROTECTIVE PUBLIC WORKS.	RS.	RS.	RS.	RS.
Kurnool Canal—Collections in the Public Works Department.				
Navigation traffic receipts	17,500	...	...	...
Water-supply to Kurnool	4,000	...	...	...
Miscellaneous receipts	1,500	...	...	...
	23,000	...	...	...
Collections in the Revenue Department.				
Irrigation Revenue.				
Kurnool	25,000	...	...	...
Cuddapah	35,000	...	...	...
	60,000	...	...	...
Total ...	83,000	...	...	...

ESTIMATE of Expenditure on the Kurnool Canal from 6th July 1882 to 31st March 1883.

	Reference to Detailed Estimates.	Budget Estimate from 6th July 1882 to 31st March 1883.	Regular Estimate, 1881-82.	Budget Estimate, 1881-82.	Actual Outlay, 1880-81.
PROTECTIVE PUBLIC WORKS.	RS.	RS.	RS.	RS.	RS.
Kurnool Canal—Capital Account.					
Works	...	2,560	...	...	...
Establishment at 23 per cent. ...	...	589	...	...	...
Tools and Plant at 1½ per cent. ...	...	38	...	...	...
Total ...	...	3,187	...	...	...
Revenue Account.					
Repairs	...	66,125	...	...	...
Navigation traffic expenses ...	...	17,052	...	...	...
		83,177	...	...	...
Establishment	...	25,031	...	...	...
Tools and Plant	...	4,266	...	...	...
Total ...	...	1,12,474	...	...	...

ESTIMATE of Expenditure on Original Works on the Kurnool Canal from 6th July 1882 to 31st March 1883.

Division.	Item No.	Details.	Amount of Estimate.	A, B, or C Class.	Outlay. To end of 1880-81.	Outlay. Probable during 1881-82.	Grant for 1882-83.	Item No.
		PROTECTIVE PUBLIC WORKS.	RS.	RS.	RS.	RS.	RS.	RS.
		Kurnool Canal—Capital Account.						
...	1	Telegraph line completion.	2,560	...	...	...	2,560	1
		Total ...	2,560	...	...	...	2,560	...

ESTIMATE of Tools and Plant Charges debitable to the Kurnool Canal from 6th July 1882 to 31st March 1883.

Particulars.	Amount.	Total.	Remarks.
PROTECTIVE PUBLIC WORKS.	RS.	RS.	
Kurnool Canal—Capital Account.			
General Tools and Plant at 1½ per cent. on Rs. 2,560, the grant for works	38	38	
Revenue Account.			
General Tools and Plant at 1½ per cent. on Rs. 83,177, the grant for repairs and navigation traffic working expenses	1,248		
Special Tools and Plant.			
Repairs to Floating Plant	3,018	4,266	
Total ...	...	4,304	

Estimate of Establishment Charges debitable to the Kurnool Canal from 6th July 1882 to 31st March 1883.

Particulars.	Amount.	Total.	Remarks.
	Rs.	Rs.	
Protective Public Works.			
Kurnool Canal—Capital Account.			
2·3 per cent. on Rs. 2,560, the grant for works ...	589	589	
Revenue Account.			
23 per cent. on Rs. 83,177, the grant for repairs and navigation traffic working expenses ...	19,131		
10 per cent. on Rs. 23,000, the estimate of revenue collection in the Public Works Department	2,300		
6 per cent. on Rs. 60,000, the estimate of revenue collection in the Revenue Department... ...	3,600	25,031	
Total ...	...	25,620	

Estimate of Expenditure on Original Works on the Kurnool Canal from 6th July 1882 to 31st March 1883.

——	Head Works.	First Section.	Second Section.	Third Section.	Fourth Section.	Fifth Section.	Sixth Section.	Seventh Section.	Eighth Section.	North Section.	Tenth Section.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Protective Public Works.												
Kurnool Canal—(1) *Head Works.*												
C. Works.												
Anicut and Head Works, Ordinary Repairs	250	..	..	..	..	..	..	200	..	250	500	1,200
Do. closing breaches ..	6,000	..	..	..	..	..	..	..	..	..	..	6,000
Flood bank do. ..	500	..	..	..	..	..	..	..	..	..	..	500
Under sluice alterations ..	2,000	..	..	..	..	..	..	..	..	..	..	2,000
Roadway	450	..	..	..	..	..	..	..	..	..	..	450
K. Buildings	150	..	..	..	..	..	..	..	..	..	..	150
(2) *Main Canals and Branches.*												
C. Works	..	50	80	130	200	600	1,000	500	1,000	1,000	500	5,060
K. Buildings	..	200	50	100	500	100	300	200	300	300	500	2,550
L. Earthwork	..	1,995	1,601	1,130	2,892	3,530	4,155	3,400	6,765	11,127	5,879	42,066
Roads	..	250	..	..	..	..	..	..	..	..	..	350
I. Navigation Works ..	..	..	..	..	..	..	..	..	300	..	..	300
(3) *Distributaries.*												
C. Works	..	100	150	150	200	100	100	100	100	300	400	1,700
L. Earthwork	..	100	150	150	800	300	400	400	400	1,050	500	3,800
Total ..	9,350	2,795	2,031	1,980	5,892	4,630	5,955	4,800	8,865	13,977	8,179	66,125

Estimate of Expenditure on Navigation Traffic Working Expenses from 6th July 1882 to 31st March 1883.

——	Feeding Expenses at Rs. 15 per pair of Bullocks.	Number of Serangs at			Number of Mates at		Number of Lascars at Rupees 6 each.	Number of Boys at Rupees 5 each.	Total Amount.
		Rs. 12	Rs. 10	Rs. 8	Rs. 8	Rs. 7			
Protective Public Works.									
Kurnool Canal.									
Stationary	85	...	...	...	...	...	80	...	1,755
Floating Plant.									
9 Passenger boats ...	...	9	...	...	9	...	27	...	342
3 Staff do.	...	...	3	...	...	3	9	...	105
20 Cargo do.	...	...	...	20	...	20	40	20	640
						Total per month ...			2,842
						Total for six months ...			17,052

No. 42.

Order—dated 12th October 1882, No. 804 I., Public Works.

The budget estimates of revenue and expenditure on the Kurnool Canal from the 6th July 1882, as drawn up by the Chief Engineer for Irrigation, are approved, and will be forwarded to the Government of India for sanction.

2. The estimate, amounting to Rs. 2,560, for completing the telegraph line along the canal, is sanctioned, subject to the confirmation of the Government of India.

3. This sanction is registered as No. 30 I. of 1882-83.

4. With regard to the excess of establishment charges above the percentage allowed under present rules, the Government are of opinion that these charges, which are due chiefly to the extravagant scale of establishment maintained by the Company, and would, had the works not been taken over by Government, have been charged against the revenue or otherwise have increased the capital charge, should be met from the current year's revenue.

5. The attention of the Government of India will be specially drawn to the proposed classification of the canal as a Protective Public Work.

(Here enter No. 805 I., dated 12th October 1882.)

(True Extract.)

(Signed) J. O. HASTED, Colonel, R.E.,
Ag. Joint Secy. to Govt., P.W.D.,
Irrigation Branch.

To the Superintending Engineer, Third Circle.
" Chief Engineer for Irrigation.
" Examiner, Public Works Accounts.
" Revenue Department.
" Board of Revenue.

No. 43.

Endorsement—dated 12th October 1882, No. 805 I., Public Works.

Forwarded accordingly.

(Signed) J. O. HASTED, Colonel, R.E.,
Ag. Joint Secy. to Govt., P.W.D.,
Irrigation Branch.

Erd. C. Howarth.
Spare Copies

IRRIGATION.
ACCOUNT.

Govt. of {1882} Madras

PUBLIC WORKS.

Dated October, 12th.

Read. *Encl*

G.O., 12th Oct. 1882, No. 805 I.

OCTOBER.
Nos. 41—43.

Kurnool Canal.

FORWARDING copy of Proceedings passing orders on the budget estimates of revenue and expenditures on the Kurnool Canal from 16th July 1882.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

No. 151.

READ—the following letter from D. C. GORDON, Esq., Examiner of Public Works Accounts, to the Secretary to Government, Public Works Department, dated Madras, 14th October 1882, No. 121 W. :—

"I have the honor to submit, for information and orders of Government, notes by the Deputy Examiner of his inspection of the office of the Kurnool Canal Division.

2. Owing to representations made to me regarding the difficulties experienced in carrying on the office work with a staff new to our procedure and uncertain of their prospects, I requested the Executive Engineer to discuss with the Deputy Examiner all points which bore on the working of the divisional office, and to suggest what seemed to be the most satisfactory arrangement for an efficient staff.

3. The difficulty encountered was the remodelling of the accounts system previously obtaining into the Government system. The division has been under Government control now for three months. The staff in the Company's Accounts office has consequently been free from their previous daily current accounts work, and the men who were conversant with previous procedure should have been taken over to the divisional office to carry on that procedure till such time as the Divisional Accountant had gained experience of the character of the work to be done and had arranged for the introduction of the Code procedure. The Company's Accountant could have given up the staff engaged for current audit and retained only such men as were necessary for closing the Company's books.

4. It ought by this time to be fairly well known who of the old establishment are to be retained in Government service, and naturally those would be retained who are acquainted with the general conditions of the works and consequent accounts returns. This being so, the Accountant would be satisfied that current accounts were being attended to and kept straight, and would have leisure to lead the office work into its future groove, but if, as appears to be the case, (paragraph 10 of the report,) the divisional office has been recruited not from the old accounts staff, but from the Engineer office staff, the Accountant must have infinite difficulty in bringing things into order.

5. The proposals in paragraphs 7 and 8 of the report may, I think, be accepted for the accounts work only, the men selected being, as I have said above, those who are best acquainted with the previous accounts. The traffic accounts must be a distinct section of the office, and in the non-working season the men can assist in the ordinary work and qualify themselves in Public Works procedure, so as to be useful in replacing others or in instructing the out-station staff.

6. The new staff has been unable to acquire any knowledge of our procedure owing to the Code being out of print, and this materially hampers progress. I propose, with the approval of Government, to depute another Accountant to the division for two or three months, to be peripatetic, and to assist the Divisional Accountant in bringing the accounts to their proper order, and would beg that the concession granted in G.O., No. 216 W., dated 26th January 1882, be granted to the man so deputed.

7. In regard to the other points referred to in the report :—

Paragraph 13.—Imprests ought to amount to not more than half the average monthly expenditure of the imprest holder, and should be as few in number as may be convenient for the proper performance of work.

Paragraph 14.—As the Stationmasters have traffic collections passing through their hands, it is for the Executive Engineer to consider whether obligatory casual payments cannot be made from such collections, a voucher or certificate being sent to head-quarters representing the coin so diverted; the proper adjustment could be made in the divisional office bringing the *gross* collections to credit and debiting the proper head of expenditure for the casual payment.

Paragraph 15.—The instructions given on the Irrigation cash abstract form should be attended to.

Paragraph 16.—It is important that a register should be maintained, corresponding to the register of buildings rented and available for rent, for all sources of revenue, such as lands leasable for grazing, fisheries, toddy trees, &c.

Paragraphs 17 *and* 18.—No doubt when navigation was first started it was politic and perhaps necessary to induce crews by granting advances, but it seems to me that they can be paid their wages at any time they come to head-quarters and that advances should be very exceptional.

Paragraph 20.—It would be well if the Executive Engineer furnished this office, through the Superintending Engineer, with a list showing the classes of employés from whom security is to be demanded and the amounts proposed to be taken. It has, I believe, been arranged between the Government and the Company's officers that all security deposits taken under the Company's rule were to be refunded under the Company's authority, and that separate arrangements were to be made with persons taken into Government service.

Paragraph 21.—In course of time the rules applicable to the department will of course come into operation.

Paragraphs 23 *and* 24.—It is most necessary that the Company's stock taken over by Government should be properly valued and brought on to the Public Works Accounts at marketable rates.

Enclosure.

Notes of an Inspection by H. RAINIER, Esq., Deputy Examiner of Public Works Accounts of the Office of the Executive Engineer, Kurnool Canal Division, on the 4th and 5th October 1882.

This office was established in July 1882 on the management of the canal being transferred from the Canal Company to Government.

2. The Company's operations extended over two divisions with one Engineer for each, viz., Kurnool and Cuddapah. There was besides a head-office of general direction at Kurnool; also an office of audit and accounts at that place, which finally disposed of all audit work, the traffic accounts, &c., and kept the Company's books.

3. The canal is now being temporarily managed from what was the Kurnool Divisional office by Mr. C. H. Wilks, who was the Kurnool Divisional Engineer. Pending permanent arrangements Mr. Wilks is regarded as the Executive Engineer of the canal division, and the accounts of that division will be duly compiled and all traffic audit work done in the Executive Engineer's Office in the ordinary Public Works Department course. The Canal Company's account office is said to be busy closing that Company's books, and has not removed from the building in which it has been located under the Company. Nor is the office of general direction (Mr. Latham's office) vacated; the divisional office being small there is much pressure for space to carry on the canal work, and it will be seen from observations which follow that more space should be allotted for accounts work particularly.

4. The office of audit and accounts under the Chief Accountant and Auditor of the Canal Company comprised :—

		Rs.	
One	Chief Accountant and Auditor	305	per mensem.
„	Clerk	90	„
„	do.	75	„
„	do.	73	„
Two	do. at 30	60	„
„	do. at 20	40	„
„	do. at 10	20	„
	Total cost ...	663	per mensem.

5. The accounts portion of the Executive Engineer's office as at present, comprises :—

		Rs.	
One	Third Grade Accountant	190	per mensem.
„	Clerk	45	„
„	do.	35	„
„	do.	25	„
„	do.	20	„
	Total cost, per month ...	315	

6. There are thirteen stations at present working traffic on the canal. At each there is a Stationmaster and perhaps an Assistant Stationmaster; there are also clerks, goomastahs and lascars. These may be called the *stationary* or *shore* traffic staff.

Of *running* or *floating* staff for traffic there are on the boats syrangs, mates and lascars, also inspectors. The working of the traffic (passengers and goods) from station to station very much resembles that on a Railway, and the forms of return to audit, as well as the remittance of cash from stations to head-office for payment into treasury, are quite on the Railway principle.

7. It is of course important that the traffic audit should be intelligently and very assiduously maintained; and after much consideration of the work, both in this and other respects, it was concluded, and agreed by the Executive Engineer, that the following staff is necessary for the accounts portion of that officer's duty :—

			Rs.	
(*a.*)	One	Third Grade Accountant	200	per mensem.
(*b.*)	„	Clerk III Class, 2nd Grade	70	„
(*c.*)	„	do. do. 3rd do.	55	„
(*d.*)	„	do. IV Class, 2nd do.	35	„
	Two	do. do. 3rd do. at 25	50	„
		Total estimated cost ...	410	per mensem.

Mean pay.

8. The Accountant should, it is thought, have under him two distinct sections of work—
(1) that of *expenditure*, audit and account, and
(2) that of *traffic* audit and account. He would probably have (*b*), (*d*) and a clerk on Rs. 25 in the latter section; (*c*) and one on 25 working in the former (expenditure) section.

9. In less busy times a clerk could be afforded, or perhaps the Accountant could himself go, to do the important work of inspection at stations, than which there is nothing more effective to prevent fraud, for without such inspection no refinement of check in audit is sufficient to entirely prevent collusion between Stationmasters and others, at different places, for purposes of fraud. In addition to the work named, there will be the workshop account and the stores or stock accounts work, which however can all be done, it is thought, with the staff now recommended.

10. The impression at Kurnool has been that the Company's Accountant's office people (Chief Accountant's office) were not available for service in the accounts establishment of the present Executive Engineer's office, the men utilised in that office are therefore those taken from other sources, principally from the office of the Company's (Kurnool) Divisional Engineer. These men are working hard, but as has been explained are inadequate for the work to be done. The present work is not satisfactory either to the Executive Engineer or at the point of view of the Examiner's office, but as soon as the establishment above estimated is sanctioned the requisite men will be (it was arranged) obtained for the assistance of the Accountant, who, as the Head of the Executive Engineer's office, will no doubt show first-rate work. But it should be borne in mind that there is no possible doubt about the Accountant being the Executive Engineer's principal office assistant. Orders not addressed to any particular clerk should invariably go

through the Accountant, who should make himself felt by the Executive Engineer to be his right hand in office matters. The present Accountant is Mr. J. Conquest, B.A.

11. Funds are obtained by letters of credit on Kurnool and Cuddapah treasuries. There is a Sub-divisional Officer, Mr. Assistant Engineer Cruse, at Cuddapah with a drawing account.

12. The imprest holders under the Kurnool office are as follow:—

	Rs.
(1.) Mr. R. Harris	500
(2.) T. Caniappa Moodelly	500
(3.) Overseer Aroonachalam Moodelly	100
(4.) Sub-Overseer Akbar Sahib	15
(5.) Narasimhalu Naidu...	25
(6.) A. Thomas, Tindal	20
(7.) S. M. Chekrapani Row	10

Those under the Cuddapah office are:—

(8.) P. A. Juggageven Doss	200
(9.) Abdul Rahiman	300
(10.) Subramanian Moodelly	20
(11.) Mr. Johnson...	10

13. With reference to the average outlay incurred in each case and the kind of men entrusted with these imprests the Executive Engineer undertook to reduce numbers (1) and (2) from 500 to 200 rupees, No. (9) from 300 to 200 rupees, No. (8) from 200 to 100 rupees and No. (6) from 20 to 5 rupees, Nos. (4) and (10) being altogether abolished.

14. The Executive Engineer explained that at stations where odd payments had to be made, such as for loading and unloading charges, it would be dangerous to withhold money although perhaps under ordinary circumstances the man in charge would not be of such a status as to be entrusted with imprest.

15. The cash in chest at Kurnool is generally about Rs. 300. It is kept by the Head Clerk as cashier, who also keeps the cash-book, which is daily audited by the Accountant. It is in order generally, but outlay in respect of irrigation should be allocated to its place in the irrigation cash abstract and not direct to the Buildings and Roads abstract as 'transfers irrigation.' The cash abstract books are also in good order and very neat.

16. There is no register of income derived from lands, fishing, toddy trees, or the like; nor is there a register of rentable buildings. These will now be started. In such a division they will be of great importance.

17. There are advances outstanding aggregating Rs. 167, which have from time to time been made to boats' crews, under the following circumstances. The crews are, it is represented, away from head-quarters for many days. Sometimes for a fortnight at a time, and as often as not, miss pay day. They have consequently been advanced money by the Company habitually as much as two or three times a month, in order, as the Executive Engineer explained, to place them in funds and deter them from broaching cargo, which is principally rice.

18. It would be certainly desirable that these crews should receive pay at shorter periods and that they should not be treated as monthly establishment. If they could be paid up whenever at head-quarters it would be good.

19. In the miscellaneous advance account there are also several items of salary paid *after* for periods *before* the transfer of the canal to Government awaiting orders.

20. In the deposits account there are several items at credit, in course of adjustment, viz., deductions from mens' pay for clothing, &c., as well as for security. Security will only now be perhaps wanted from such as come under Public Works Department rules, but it must be remembered, for instance, that there are many men on the Company's books as Overseers, who would correspond with Sub-Overseers in the Public Works Department, and if such men are taken over security should be required of them.

21. In the register of works there were no capital works in progress, only repairs, of which there is work all over the canal, but no sanctioned estimate.

In regard to earthwork, masonry or buildings, each section of the canal is recorded as a separate work in the register, and this may be continued, but one sanctioned estimate for all the work of this nature should suffice, the entire work regarding repairs being regarded as one work.

22. The stock balance of the Company at date of transfer has not yet been regularly taken over in the accounts. Only such articles as from time to time have been required have been received. These have been credited to the Company in the suspense account 'stock purchases and sales' by debit to the works for which they were received and on which they were used.

23. It is understood that stock is being taken not only of the stock at Kurnool, but of the plant and stock at stations on the canal. It is impossible to over-estimate the importance of a

careful revaluation of all this stock, are taking it over. It is quite possible that the stock at Kurnool may be found so deteriorated or diminished in quality or quantity that not one half the book stock balances of the Company actually exists, and in view of this great care is necessary in count and valuation.

24. The workshop outlay is not more than about Rs. 100 per month, consisting almost entirely of repairs to boats, in labor and materials, which are very easily charged direct to the work.

25. Regarding the initial accounts; nominal rolls, ten-day reports, and petty contract accounts, are all very imperfectly and irregularly received in the Executive Engineer's office. Work abstracts are prepared at the divisional office from the best means at hand.

26. It is desirable that some one should be deputed to visit the subordinate works, and teach the Public Works Department requirements of the office at Kurnool. Not much can be expected from men so altogether new until such instruction has been given.

27. Mr. Conquest, the Accountant, has had as will be understood, much hard work, and is almost without assistance at present. His zeal and assiduity are very marked, but he should have proper assistance as soon as possible.

The station is not one of the most healthy, and there should be no over-work in such confined and close office accommodation.

No. 152.

ORDER—dated 23rd October 1882, No. 2753 W., Public Works.

Communicated to the Superintending Engineer, Third Circle, who will direct the attention of the Executive Engineer to the remarks and suggestions of the Inspecting Officer and the Examiner, Public Works Accounts.

2. The proposals of the Examiner in paragraph 6 of his letter are approved and sanctioned. The Inspecting Accountant will, it is understood, be detached from the regular establishment.

(True Extract.)

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

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

Exd. S. T. Austin.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of {1882} Madras.

PUBLIC WORKS.

250

Dated October, 23rd.

Recd. Encl.

G.O., 23rd Oct. 1882, No. 2753 W

OCTOBER.
Nos. 151-152.

Office of the Kurnool Canal Division.

Inspection Notes of the — by the Deputy Examiner, Public Works Accounts, communicated to the Superintending Engineer, Third Circle, with remarks.

81

Copy of a letter No. 534 dated 18th December 1882, from the Executive Engineer Kurnool Canal Division to the Deputy Engineer 2nd Circle

78.82.III

I am bringing to your notice that the Vacation accorded in GO No. 582 I of 27th July 1882, and GO No. 804 I of 12th October 1882, to the Establishment for the Audit of Traffic accounts, lapses on the 1st January 1883, I have the honour to state that in order to close these accounts and compile the returns connected therewith, it will be necessary to appoint a temporary clerk for a further period of 2 or 3 months.

As the present traffic audit clerks have been transferred to the regular clerical Establishment of the Division with effect from the 1st January 1883 I propose to keep on P. Rathnam Pillay lately an accountant in the Chief Accountant and Government Auditor's Office for 3 months on a salary of Rs 50 per mensem (Rs 70 was the amount proposed by the Dy Examiner of accounts on his recent inspection of the Division for a good clerk to be in charge of traffic accounts Vide GO No. 2753 W of 23rd October 1882).

P. Rathnam Pillay has much experience in the kind of work and was in charge of the Traffic Accounts in previous years under the

* The present Establishment as sanctioned in GO No. 582 I consists Rs 75 as follows:—
1 Accountant Rs 35
1 Clerk — 25
1 — do — 15
Rs 75

Chief Accountant of the Company, and as it is very necessary that these Accounts should be closed satisfactorily I have the honor to request that you will obtain the sanction of Government to his temporary Appointment at an early date

There will be savings in the Estimate of Establishments of this Division for this year.

(Copy)

No. 1747

Submitted to the Chief Engineer for Irrigation with the request that sanction may be given to the employment of a temporary Clerk on Rs 50 per mensem for 3 months from January to March 1853 for the closing of the traffic accounts.

[illegible] Lt. [illegible]
Offg Depy Engineer
W. Circle

Depy Engrs Office
Bellary 23 Decr 1852

W. 5 E.W.   P 3

The Supg: Engineer's recommendation is approved, and is forwarded to the Chief Engineer, P.W.D. for disposal.

Chepauk. 10 Jany 1883 } A. S. Russell
for Chief Engineer for Irrg:

Eo. 216. W.	26.1.82	
" 583. I	27.7.82	
" 805. I.	12.10.82	
" 2753. W.	23.10.82	

Chief Engineer 30 DEC 82 for Irrigation

No 237

From W 1444 Decr/82

The Supg Eng: III Circle

To

The Chief Engineer for Irrigation Madras

Dated 23d December/82.

Recd 1/1/86 15

No 1747

Temporary Clerk on Rs 50 to close traffic accounts connected with the Harnool Canal Division

Requesting the sanction of Govt to employ a — from January to March 1883

No 135 W.

Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.
Under date the 13th January/83.
Read the following

the S. Engr Third Circle } A. C. No 1747 d/23d Decr/82

The employment of the temporary Clerk on Rs 50 per mensem recommended by the Superintending Engineer for a period of three months is sanctioned, and an appropriation of Rs 100 is made from the grant for temporary Establishments for the current official year.

2. This sanction has been registered as Provincial No 54 W of 1882. 83 and

Classified

classified as Establish
-ment - [illegible]
12.1.83

[illegible]
12.1.83

[illegible] 13/1

Recd [illegible]

3
S. Engr. Third Circle
Chief Engineer for [illegible]
Dr. [illegible]
Der P.W. Acctts

despd 19/1/83-

R.S.

237

Govt. of (1882) Madras
PUBLIC WORKS.

151
Recd 15-15pm

Dated

Recd. Encl.

G. O., 13 Jany 1883 No. 135 W

Nos. 130-131.

Late M. S and C. Co

The employment of a tempy: clerk to close the traffic accounts of the —— Sanctioned

50/4

Enter in Receipt Regr.