

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public works **DEPARTMENT.**

G.O. No. 1496	Press
241-272	Mis.
Dated 17-6-	1872.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
17th June 1872.*

No. 271. Read the following letter from the Acting Superintending Engineer, 1st Division, to the Acting Secretary to Government, Public Works Department, dated Dowlaishweram, 9th May 1872, No. 500:—

DURING a late tour in the Western Delta, the Executive Engineer brought to my notice the accompanying Circular, No. 179, and form of Progress Report issued by the Controller for the guidance

2 Circulars.
1 Form.

of all Range Officers apparently; the Circular letter from the Government of India, which was sent with it, is apparently addressed to the Controllers immediately under that Government from the references made in it to the forms, etc., in force amongst them, and does not apply to this Presidency; as far as I can see, no Government orders on the subject have been received regarding it, and the Circular has not been communicated to the Superintending Engineers that I know of, and I beg, therefore, to submit the documents for the consideration and orders of Government, as the work thrown now by the Controller on the Range Officers is becoming beyond the powers of their Office Establishments; entirely cripples the usefulness of officers, as Engineers or inspecting officers, and does not in any way add to the accuracy of the accounts to be rendered by them.

2. The form of Progress Report to be used in this Presidency was deliberately adopted by this Government at the time the Manual was issued; the Government of India have approved of it, and in their letter printed with G. O. of the 8th January 1872, No. 28, they express the opinion that the Controller ought to be able to afford them all the information they require from the form of Progress Report in use here; under these circumstances I respectfully submit the Controller cannot call upon Range Officers to adopt a new form of Progress Report without the approval and sanction of this Government, and the more so as he had himself in the G. O. above quoted appealed to this Government to obtain an exemption in his favour when required to furnish schedules of rates, etc., to the Government of India, declaring that our form of Progress Reports furnished all that was necessary; the work which he then declared his office was far too much to cope with, he has now practically thrown on the Range Officers who have the most important works in the Presidency to attend to; for instance, Mr. Walch will now have to furnish six Progress Reports each month, one to the Controller, one to the Superintending Engineer, one to the Collector, two for the Local Fund Boards, and this one the latter in an entirely new form, never before used in this Presidency.

3. As far as I can see there is no need to adopt this form at all, and certainly not without any order from this Government; the Controller allows our form of Progress Reports gives all the necessary information regarding the progress of works, the dates of inspection are furnished in this, so that the Controller ought to be able to see if a work in progress is being neglected; the completion certificates show how the work has been executed, and if in strict accordance with the sanctioned estimate and rates, and the work registers furnish every information which can be required for the more important works in progress; the new form of Progress Report, except that it necessitates the copying out over and over again, month by month, any sanctioned estimate and all its details, detailing in it all the

*Proceedings of the Madras Government, Public Works Department,
17th June 1872.*

information which can be had at once from any properly managed Range Officer, and making the distribution of the charges in a different form to that we have used, gives no more information than our own Progress Reports do, and, as it adds very considerably to the already overburdened Range Office duties, I beg to solicit the Government will be pleased to take the matter into consideration, and relieve our officers from this very laborious work and duty, particularly as nothing has been done to increase the strength of their Office Establishments, whilst that of the Controller, though nearly doubled in cost and strength, is declared to be unable to furnish the details now applied for from Range Officers.

No. 272.

ORDER THEREON, 17th June 1872, No. 1,496.

ACCOUNT, No. 28.

THE Superintending Engineer's attention will be called to G. O., No. 1,310, of 14th May, in which the adoption, of the form of Progress Report approved by the Supreme Government has been ordered; this does not entail the preparation of an extra Progress Report, but the progress of certain works will be recorded in greater detail than heretofore in the copy of the Progress Report submitted to the Controller; these details need not be given in the Progress Reports sent to the Collector or to the Superintending Engineer, if the latter does not require them.

(True Extract.)

Captain, R.E.,

Acting Joint Secretary to Government.

To the Acting Superintending Engineer, 1st Division.

Exd. S. T. Augustin.

SUPERINTENDING ENGINEER'S OFFICE, 1ST DIVISION.

DOWLAISHWARUM, 9th July 1872

No. 500

From

Genl. Colonel J. D. Walker, R.E.
Acting Superintending Engineer

1st Division

To

Colonel C. H. Walker, R.E.
Acting Secretary to Government D. P. W.
MADRAS

SIR,

During a late tour in the
Western Delta, the Executive Engineer brought
to my notice the accompanying Circular
No. 179, and form of Progress Report issued
by the Controller for the guidance of all
Range Officers, apparently the Circular
letter from the Government of India which
was sent with it is apparently addressed
to the Controller immediately under that
Government from the references made in it
to the forms in force amongst them, and
does not apply to this Presidency, as far as
I can see no Government Orders on the subject
have been received regarding it, and the
Circular has not been communicated to the
Superintending Engineer, that I know of, and

I beg therefore to submit the documents for the consideration and order of Government, as the work thrown upon by the Controller on the Range Officers is becoming beyond the power of their Office Establishment, entirely cripples the usefulness of Officers, as Inspectors or inspecting Officers, and does not in any way add to the accuracy of the accounts to be rendered by them.

2 The form of Progress Report to be used in this Presidency was deliberately adopted by this Government at the time the Manual was issued. The Government of India have approved of it, and in their letter printed with G.O. of the 8th January 1872 No 25 they express the opinion that the Controller ought to be able to afford them all the information they require from the form of Progress Report in use here; under these circumstances, I respectfully submit the Controller cannot call upon Range Officers to adopt a new form of Progress Report without the approval and sanction of this Government, and the

the more so as he had himself in the G.O. above quoted, appealed to this Government to obtain an exemption in his favor when required to furnish schedules of rates &c. to the Government of India, declaring that our form of Progress ^{Reports} furnished all that was necessary, the work which he then declared his Office was far too much to cope with, he has now practically thrown on the Range Officers who have the most important works in the Presidency to attend to - for instance Mr. Walsh will now have to furnish 6 Progress Reports each month, 1 to the Controller, 1 to the Superintending Engineer, 1 to the Collector, 2 for the Local Fund Boards, and this one the latter in an entirely new form never before used in this Presidency.

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in this, so that the Controller ought
to be able to see if a work in pro-
-gress is being neglected. the Comple-
-tion Certificates show how the work has
been executed, and if in strict accordance
with the sanctioned Estimate and rates,
and the work registers furnish every
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the copying out over and over again, month by month,
any sanctioned Estimate, detailing with all the
information which can be had, absence from camp,
properly managed. Range Officers, and making the dis-
tribution of the charges in a different form to that we have used gives no more
information than our own Progress Reports, do, and as it adds very con-
siderably to the already overburdened Range Officer duties, I beg to solicit the
Government will be pleased, to take
the

If only
proposed
to introduce
this form
it will be
a great
benefit
to the
Range
Officers
and the
Government

This is an
important
matter and
it is
in the
interest
of the
Range
Officers
and the
Government

the matter into consideration, and
relieve our Officers from this
very laborious work and duty,
particularly as nothing has been
done to increase the strength
of their Office establishments
whilst that of the Controller
though nearly doubled in
cost and strength is declared
to be unable to furnish the
details now applied for, from
Range Officers

I have the honor to be
Sir

Your most obedient servant

Wm. Fisher Secy. C. R. O.

Aty. Sup'ty. Engrs. &c.

No. 179.

CIRCULAR.

INSTRUCTIONS having been received from the Accountant-General of the Public Works Department for the introduction of modified forms of Accounts for expenditure on Irrigation Works, as well as for the classification of Divisions or Ranges under "Irrigation," "Imperial," and "Provincial," the undersigned has the honor to communicate the Circulars, Forms, &c., received by this Office, as noted in the margin.

2. As in this Presidency there is no Range which is exclusively Irrigational, separate Cash and Stock Accounts Current of Irrigation Works cannot be submitted by Public Works Disbursers.

3. If the bulk of the expenditure is on Irrigation Works, the Range should be classed as Irrigation. The expenditure incurred in such a Range on Imperial, and Provincial including Local Fund Works, should be charged to the head "Transfers Imperial" in the case of the former, and to "Transfers Provincial" in the case of the latter. Where the bulk of the expenditure is on Provincial and Local Fund Works, the Division should be classed as Provincial, while the expenditure in such a Division on Irrigation Works and other Imperial Works should be debited to the heads "Transfers Irrigation Department," and "Transfers Imperial," respectively. In the same way, if the largest share of the expenditure be on Imperial Works, the expenditure on Irrigation and Provincial Works should be debited to "Transfers Irrigation Department," and "Transfers Provincial," respectively. These heads of Transfers should be opened out in the Accounts in addition to the present heads "Transfers Provincial," and "Transfers Divisional."

4. The expenditure thus charged to the new heads of Transfers in the Cash and Stock Accounts* Current, which should be submitted as usual in the present form, should be fully detailed in the Schedules of Expenditure, or Progress Reports, under the recognized heads and sub-heads of Account; the expenditure on *Irrigation Works* being detailed in a *separate Progress Report* which should be prepared in the form† circulated with this Memorandum:—While that on other Imperial Works and on works classed as Provincial and Local should be exhibited in the Progress Report‡ now in use.

* To be headed "Irrigation," "Imperial," or "Provincial," according to the principle defined in para. 3.

† Under the heads and in the detail prescribed therein.

‡ Under the heads now observed therein.

Dec 8 January 17 1872

From

1872
The Secretary to Government
Department Public Works
MADRAS

To

The Secretary to Government
Department Public Works
MADRAS

Dated

Received

NO: 550
ENCLO.

Subject.

Memorandum for consideration and
Orders of Government, Circulars, &c.,
for the purpose of classifying the
Accounts of Irrigation Works, as well as
for the classification of Divisions or
Ranges under "Irrigation," "Imperial,"
and "Provincial," the undersigned has
the honor to communicate the Circulars,
Forms, &c., received by this Office, as
noted in the margin.

5. In the case of Establishments in the Ranges classified as Irrigation and Provincial, the whole charges should be taken under Transfers Imperial, and recorded in the *fullest possible detail*, to enable this Office properly to distribute the outlay over Irrigation, Provincial, and Local Funds, and to communicate such distribution to the Range Officers, items such as surveys, &c., debitable to Irrigation, Ordinary or Extraordinary, should be specially noted, in order to prevent mistakes, and to render subsequent write back entries unnecessary.

6. According as a Range is classed under Irrigation, Imperial, or Provincial, the Cash, Stock, and Suspense Balances of that Range will be held to belong to the same class.

7. In the Irrigation Progress Reports the expenditure on original projects and extensions for which Capital Accounts are to be kept should be shown in the column "Extraordinary" if incurred from Loan Funds, and in the column "Ordinary" if met from the ordinary Imperial Grant. Repairs, Renewals, and Extensions, costing not more than Rupees 5,000 each for separate objects, should be exhibited in the column of "Revenue," which will also include such other works in excess of the limit just mentioned as may not be sanctioned against Capital. All items for which there are no Capital or Revenue Accounts should be shown in the column "Ordinary Agricultural Works" under the following heads:—

- Original Works.
- Repairs.
- Tools and Plant.

The Government have been applied to for information as to the works for which Capital Accounts should be opened, and the orders that may be passed on the Controller's application will be circulated for guidance in due course.

8. Under "Tools and Plant," the charges under "Extraordinary" should be those actually incurred on account of works under execution from Borrowed Capital, and be detailed in the Progress Report or Schedule as follows:—

- (1.) Navigation.
- (2.) Machinery for Mills.
- (3.) Miscellaneous Plant.

9. For all other charges under "Tools and Plant," a separate Memo. should accompany the Progress Report, giving the details of the outlay in the month, and up to the end of the month under the three heads "New Supplies," "Repairs," and "Carriage." The debits to be made in the Monthly Accounts will be according to the proportion which the outlay in a Range on works (new and repair) from Ordinary Irrigation, Imperial, Provincial, District Road, or other Fund bears to the total expenditure on works from other than Borrowed Capital.

	RS.
Ordinary Irrigation	10,000
Imperial	5,000
Provincial	10,000
District Road	15,000
Port	10,000
	<u>50,000</u>

* New Supplies	300
Repairs	300
Carriage	300
	<u>900</u>

Illustration.—If the aggregate outlay in April on New Works and Repairs in the Tanjore Range, from other than Loan Funds be Rupees 50,000, distributed as per margin, and the total charges in that Range on account of Tools and Plant other than Extraordinary be Rupees 900* the debits in the Monthly Accounts would be as under:—

	New Supplies.	Repairs.	Carriage.
Ordinary Irrigation.....	60	60	60
Imperial	30	30	30
Provincial	60	60	60
District Road	90	90	90
Port	60	60	60
	<u>300</u>	<u>300</u>	<u>300</u>

10. This distribution of the total charges on Tools and Plant other than Extraordinary will appear in an abstract form in the Progress Report, under the three heads now in use, viz., "New Supplies," "Repairs," and "Carriage," and to cover these charges there should always be specific allotments from each Fund.

11. In the first column of the new Progress Reports for Irrigation Works, the amount of Estimate and the sanctioning authority, as well as the allotment and the authority for the same, should be given. On the right hand side of the Return, particulars should be afforded, against each item, of the amount of expenditure by Departmental Agency, and of that for which vouchers are forwarded as per list now submitted, and to continue to be furnished by Range Officers.

12. The Public Works Accounts for 1872-73, commencing from April 1872, should be prepared according to the requirements of this Circular, the expenditure *up to date* being compared with the provision under the sub-heads of sanctioned Estimates so far as relates to Irrigation Works. This latter remark does not apply to *distinct* and *separate* works (new and repair) estimated at less than Rupees 2,500 each.

S. BROCK,
Controller of Public Works Accounts.

OFFICE OF THE CONTROLLER OF
PUBLIC WORKS ACCOUNTS,
Fort St. George, 19th April 1872.

N.B.—Printed forms of the New Progress Report will be supplied as soon as possible. In the meantime, the forms should be written by the Range Establishments.

Chas. J. ...
... ..

11
20
23

P. M. 2434/72.

Henry

Cash Account Current of Captain A. B., Executive Engineer.

	Rs.	A.	P.	Rs.	A.	P.
TO CASH BALANCE, AS PER LAST ACCOUNT	...	...	...	5,000	0	0
„ CIVIL DEPARTMENT—						
<i>Credit Orders on Allygurh Treasury</i>	Rs. 20,000	A. 0	P. 0			
Etah	10,000	0	0			
Futtehgurh	5,000	0	0			
<i>Service Fund Subscriptions—</i>				35,000	0	0
Military Fund	35	0	0			
Military Orphan Fund	13	0	0			
Uncovenanted Service Fund	35	0	0			
<i>Payments for Land for Irrigation Works</i>				83	0	0
<i>Transfers—</i>						
Supplies from Forest Department	0	0	0			
Miscellaneous	0	0	0			
				0	0	0
TOTAL CIVIL DEPARTMENT				35,083	0	0
„ MILITARY DEPARTMENT				0	0	0
„ PUBLIC WORKS DEPARTMENT				50	0	0
„ LONDON ACCOUNT				0	0	0
„ RECEIPTS ON CAPITAL ACCOUNT—						
„ RECEIPTS ON REVENUE ACCOUNT—				0	0	0
Special water rates	0	0	0			
Navigation	2,000	0	0			
Water power	3,000	0	0			
Plantations	1,000	0	0			
Miscellaneous	0	0	0			
„ INCOME TAX				6,000	0	0
„ STOCK PURCHASES AND SALES				150	0	0
„ TUCCAVEE WORKS				0	0	0
„ MISCELLANEOUS ADVANCES				0	0	0
„ DEPOSITS				0	0	0
„ TRANSFERS OF IRRIGATION DEPARTMENT—				200	0	0
Provincial						
Divisional						
	0	0	0			
	0	0	0			
				0	0	0
TOTAL				46,483	0	0

A Canal, 1st Division, for the month of April 1871.

	Rs.	A.	P.	Rs.	A.	P.
By CIVIL DEPARTMENT—						
<i>Service Fund Subscriptions refunded</i>	0	0	0			
<i>Payments into Treasuries</i>	6,000	0	0			
<i>Transfers—</i>						
Forest Department	0	0	0			
Miscellaneous	0	0	0			
	0	0	0			
TOTAL CIVIL DEPARTMENT				6,000	0	0
„ MILITARY DEPARTMENT				0	0	0
„ PUBLIC WORKS DEPARTMENT				0	0	0
„ LONDON ACCOUNT				0	0	0
„ RECEIPTS ON CAPITAL ACCOUNT REFUNDED				0	0	0
„ RECEIPTS ON REVENUE ACCOUNT REFUNDED				0	0	0
„ INCOME TAX REFUNDED				33,000	0	0
„ EXPENDITURE ON CAPITAL AND REVENUE ACCOUNTS						
„ EXPENDITURE ON AGRICULTURAL WORKS FOR WHICH NO CAPITAL OR REVENUE ACCOUNT IS KEPT—						
Original Works	0	0	0			
Repairs	0	0	0			
Establishment	0	0	0			
Tools and Plant	0	0	0			
Profit and Loss				800	0	0
„ STOCK PURCHASES AND SALES				0	0	0
„ STOCK				0	0	0
„ TUCCAVEE WORKS				250	0	0
„ MISCELLANEOUS ADVANCES				700	0	0
„ DEPOSITS						
„ TRANSFERS OF IRRIGATION DEPARTMENT—						
Provincial	40	0	0			
Divisional				40	0	0
				0	0	0
„ LONDON STORES				40,790	0	0
„ CASH BALANCE :—Drawing Account	5,000	0	0			
In Chests	693	0	0			
Imprests	0	0	0			
	693	0	0			
				5,693	0	0
TOTAL				46,483	0	0

Form No. 22—continued.

Details of Cash Balances.

SUB-DIVISIONS,	IN TREASURIES.				IN CHESTS.	IMPRESTS.	TOTAL.
	Allygurh.	Etah.	Futtehgurh.	TOTAL.			
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Executive Engineer ...	3,000	500	1,500	5,000	300	...	5,300
Assistant Engineer A, Etah.	...	...	...	...	393	...	393
TOTAL ...	3,000	500	1,500	5,000	693	...	5,693

This is to certify that the entries in the Cash Books for the month of April 1871 (of which this is an abstract) have all been correctly made, and that the balances exhibited in this account agree with the balances shown therein; also that I counted the cash balance in my chest on the last day of the month, and found that it corresponded with the amount entered above.

Executive Engineer.

MEMO. OF RECEIPTS PAID INTO TREASURY.

	Rs.
Balance from last account ...	100
Received during the month ...	6,483
TOTAL ...	6,583
Paid in during the month ...	6,000
Balance remaining to be paid in ...	583

(6)

Form

Account of Value of Receipt and Issues of Stock in the

	Rs.	A.	P.	Rs.	A.	P.
To BALANCE OF LAST MONTH'S ACCOUNT ...	...	...	...	10,000	0	0
RECEIPTS AS PER PART I OF ABSTRACT BOOK.						
„ Cash (for payments on account of manufacture, carriage, &c.) ...	...	...	...	0	0	0
„ CIVIL DEPARTMENT (for supplies from Forest Department) ...	...	...	...	0	0	0
„ MILITARY DEPARTMENT (for supplies from that Department) ...	...	...	...	0	0	0
„ PUBLIC WORKS DEPARTMENT (for supplies from that Department) ...	...	...	...	0	0	0
„ RECEIPTS ON CAPITAL ACCOUNT (for value of materials from old buildings) ...	...	...	...	0	0	0
„ RECEIPTS ON REVENUE ACCOUNT (ditto ditto) ...	...	...	...	0	0	0
„ STOCK PURCHASES AND SALES ...	...	...	...	800	0	0
„ STOCK (for issues to, and out-turn from, manufacture) ...	...	...	...	0	0	0
„ MISCELLANEOUS ADVANCES (for recoveries by supplies) ...	...	...	...	0	0	0
„ TRANSFERS OF IRRIGATION DEPARTMENT—Provincial	0	0	0			
Divisional	0	0	0			
				0	0	0
„ LONDON STORES ...	...	...	...	0	0	0
TOTAL	...	...	...	10,800	0	0

(7)

No. 24.

A Canal, 1st Division, during the month of April 1871.

	Rs.	A.	P.	Rs.	A.	P.
ISSUES AS PER PART II OF ABSTRACT BOOK.						
By CIVIL DEPARTMENT—						
Supplies to Forest Department ...	...	...	...	0	0	0
„ MILITARY DEPARTMENT (for supplies to that Department) ...	...	...	...	0	0	0
„ PUBLIC WORKS DEPARTMENT (for supplies to that Department) ...	...	...	...	0	0	0
„ Expenditure on Capital and Revenue Accounts ...	...	...	...	1,300	0	0
„ EXPENDITURE ON AGRICULTURAL WORKS FOR WHICH NO CAPITAL OR REVENUE ACCOUNT IS KEPT—						
Original Works ...	0	0	0			
Repairs ...	0	0	0			
Tools and Plant ...	0	0	0			
Profit and Loss ...	0	0	0			
				0	0	0
„ STOCK PURCHASES AND SALES ...	...	...	...	0	0	0
„ STOCK (for issues to, and out-turn from, manufacture) ...	...	...	...	0	0	0
„ TUCCAVEE WORKS ...	...	...	...	0	0	0
„ MISCELLANEOUS ADVANCES ...	...	...	...	0	0	0
„ TRANSFERS OF IRRIGATION DEPARTMENT—Provincial	0	0	0			
Divisional	1,500	0	0			
				1,500	0	0
TOTAL ISSUES	...	...	...	2,800	0	0
BALANCE AS PER ABSTRACT AT BACK	...	...	...	8,000	0	0
TOTAL	...	...	...	10,800	0	0

Extract from Part III of Stock Abstract Book (Sub-divisional details omitted).

SUB-HEADS.	Balance at end of last month.			THIS MONTH.									Balance at end of this month.		
				Dr.			Total.			Cr.					
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
Small stores ...	500	0	0	0	0	0	500	0	0	50	0	0	450	0	0
Building materials ...	6,500	0	0	800	0	0	7,300	0	0	980	0	0	6,320	0	0
Timber ...	2,300	0	0	0	0	0	2,300	0	0	1,500	0	0	800	0	0
Metals ...	100	0	0	0	0	0	100	0	0	70	0	0	30	0	0
Fuel ...	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thatchers' materials ...	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Painters' stores ...	100	0	0	0	0	0	100	0	0	0	0	0	100	0	0
House-fittings ...	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cordage ...	200	0	0	0	0	0	200	0	0	50	0	0	150	0	0
Miscellaneous ...	300	0	0	0	0	0	300	0	0	150	0	0	150	0	0
Manufacture of stock ...	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Land and Kilns ...	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL ...	10,000	0	0	800	0	0	10,800	0	0	2,800	0	0	8,000	0	0
Deduct transfers within Division ...				...	...	...	...	...	...	...	...	...			
Total as per Account on other side ...	10,000	0	0	800	0	0	10,800	0	0	2,800	0	0	8,000	0	0

Executive Engineer.

Form No. 26.

A Canal, 1st Division, Schedule of Receipts during April 1871.

PARTICULARS.	CASH.			STOCK.		
	Rs.	A.	P.	Rs.,	A.	P.
CIVIL DEPARTMENT.						
<i>Service Fund Subscriptions.</i>						
<i>Military Fund—</i>						
Captain A. B. ...	35	0	0			
TOTAL MILITARY FUND ...	35	0	0			
<i>Military Orphan Fund—</i>						
Captain A. B. ...	13	0	0			
TOTAL MILITARY ORPHAN FUND ...	13	0	0			
<i>Uncovenanted Service Fund—</i>						
Mr. A. B. ...	25	0	0			
„ C. D. ...	10	0	0			
TOTAL UNCOVENANTED SERVICE FUND ...	35	0	0			
TOTAL SERVICE FUND SUBSCRIPTIONS ...	83	0	0			
TRANSFERS.						
<i>Public Works Department.</i>						
Agra Division—Advanced to Overseer Smith, proceeding to join this Division ...	50	0	0			
DEPOSITS RECEIVED.						
From Khettermohun Banerjee, Contractor ...	200	0	0			

NOTE.—In this page will be entered the particulars of any receipts from the Civil Department under Transfers, and from the Military and Public Works Departments. Here also will be shown the details of any receipts under 'London Account,' 'Miscellaneous Advances,' 'Deposits,' and 'Transfers of the Irrigation Department,' Provincial and Divisional.

A Canal, 1st Division, Schedule

AUTHORITY.	SANCTIONED PER ESTIMATE.					EXECUTED TO END OF MONTH MENTIONED IN HEADING AS PER REGISTER OF WORKS.					WORKS AND HEADS OF ESTIMATE.	
	Quantity.	Rate.		Cost.		Quantity.	Cost.		Rate.			
		At	Per									
				Rs.	A. P.		Rs.	A. P.				CAPITAL.
												A.—TEMPORARY WORKS.
												Bund to direct stream, or weir at—
Estimate No. of 1870-71.	c. ft. 100,000	3-0-0	1,000	300	0 0	80,000	260	0 0	3-4-0			Earth-work ...
	40,000	24-0-0	100	9,600	0 0	4,000	120	0 0	30-0-0			Masonry ...
	6	150	each	900	0 0	...	...	...	...			Sluice gates ...
	100 c. ft.	2-0-0	c. ft.	200	0 0	...	...	...	...			Timber in sleepers ...
				11,000	0 0		380	0 0				TOTAL TEMPORARY WORKS...
												B.—COST OF LAND.
												(a).—Main Canal and Branches.
Estimate No. of 1870-71.	Acres. 40,000	1-0-0	Acre.	40,000	0 0	Acres. 30,000	30,000	0 0	1-0-0			Land for main channel at Allyghur.
No. of 1870-71.	Acres. 10,000	2-0-0	Acre.	20,000	0 0	10,000	20,000	0 0	2-0-0			Land for main channel at Etah.
												TOTAL ...
												(b).—Distributing channel.
No. of 1870-71.	Acres. 20,000	1-0-0	Acre.	20,000	0 0	10,000	10,000	0 0	1-0-0			Futtehgurh Rajbuha ...
												TOTAL ...
												C.—MASONRY WORKS.
												1.—MAIN CANALS AND BRANCHES.
												(a).—Dams and regulating works.
												Dam at—
Estimate No. of 1870-71.	5,00,000	3-0-0	1,000	1,500	0 0	4,00,000	1,205	0 0	3-0-0			Excavation of foundation ...
	10,000	15-0-0	100	1,500	0 0	10,000	1,550	0 0	15-0-0			Concrete ...
	30,000	24-0-0	100	7,200	0 0	20,000	5,000	0 0	25-0-0			Masonry in foundation ...
	15,000	24-0-0	100	3,600	0 0	...	...	...	...			Masonry in superstructure ...
				13,800	0 0		7,755	0 0				TOTAL ...

of Expenditure during April 1871.

CHARGES OF THE MONTH.						DISTRIBUTION OF CHARGES OF THE MONTH.											
Cash.		Stock.		Total.		Capital.				Revenue.		Ordinary Agricultural Works.		Suspense Accounts.			
						Extraordinary.		Ordinary.									
Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.		
280	0 0	100	0 0	380	0 0	...	...	c. 280 s. 100	0 0 0 0								
280	0 0	100	0 0	380	0 0	...	...	c. 280 s. 100	0 0 0 0								
3,000	0 0	..	...	3,000	0 0	c. 3,000	0 0										
5,000	0 0	...	...	5,000	0 0	c. 5,000	0 0										
8,000	0 0	...	...	8,000	0 0	c. 8,000	0 0										
4,000	0 0	...	...	4,000	0 0	c. 4,000	0 0										
4,000	0 0	...	...	4,000	0 0	c. 4,000	0 0										
390	0 0	500	0 0	890	0 0	c. 390 s. 500	0 0 0 0										
390	0 0	500	0 0	890	0 0	c. 390 s. 500	0 0 0 0										

A Canal, 1st Division, Schedule

AUTHORITY.	SANCTIONED PER ESTIMATE.					EXECUTED TO END OF MONTH MENTIONED IN HEADING AS PER REGISTER OF WORKS.					WORKS AND HEADS OF ESTIMATE.
	Quantity.	Rate.		Cost.	Quantity.	Cost.	Rate.				
		At	Per								
				Rs.	A. P.		Rs.	A. P.			

No. 26—continued.

of Expenditure during April 1871—continued.

CHARGES OF THE MONTH.										DISTRIBUTION OF CHARGES OF THE MONTH.										
Cash.			Stock.			Total.				Capital.				Revenue.		Ordinary Agricultural Works.		Suspense Accounts.		
										Extraordinary.		Ordinary.								
Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
14,500	0	0	680	0	0	15,180	0	0	{	c.	13,600	0	0	c.	900	0	0			
									s.	560	0	0	s.	130	0	0				
160	0	0	100	0	0	260	0	0	...	...	{	c.	160	0	0					
											s.	100	0	0						
160	0	0	100	0	0	260	0	0	...	...	{	c.	160	0	0					
											s.	100	0	0						
14,660	0	0	780	0	0	15,440	0	0	{	c.	13,600	0	0	{	c.	1,060	0	0		
									s.	560	0	0	s.	230	0	0				

A Canal, 1st Division, Schedule

AUTHORITY.	SANCTIONED PER ESTIMATE.						EXECUTED TO END OF MONTH MENTIONED IN HEADING AS PER REGISTER OF WORKS.						WORKS AND HEADS OF ESTIMATE.
	Quantity.	Rate.		Cost.		Quantity.	Cost.		Rate.				
		At	Per										
Estimate No. of 1870-71.	Trees 500	...	...	Rs.	A.	P.	200	Rs.	A.	P.	...		
				500	0	0		220	0	0			
				375	0	0		...	140	0		0	
				875	0	0		360	0	0			
												Brought forward ...	
												F.—PLANTATIONS.	
												Planting trees on banks of Canal—	
												Planting trees ...	
												Protection to trees ...	
												TOTAL ...	
												TOTAL WORKS, &c. ...	
												G.—ESTABLISHMENTS.	
												GENERAL.	
												Direction.	
												Chief Engineer and Joint Secretary and Assistant.	
												Office Establishment ...	
												Travelling allowances ...	
												Contingencies ...	
												TOTAL ...	
												Superintending Engineers...	
												Office Establishment ...	
												Travelling allowances ...	
												Contingencies ...	
												TOTAL ...	
												Account.	
												Deputy Controller ...	
												Office ...	
												Travelling allowances ...	
												Contingencies ...	
												TOTAL ...	
												TOTAL DIRECTION ...	
												Carried forward, Works, &c., Establishment	

of Expenditure during April 1871—continued.

CHARGES OF THE MONTH.									DISTRIBUTION OF CHARGES OF THE MONTH.									
Cash.			Stock.			Total.			Capital.				Revenue.		Ordinary Agricultural Works.		Suspense Accounts.	
									Extraordinary.		Ordinary.							
Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	
14,460	0	0	780	0	0	15,440	0	0	{ c. 13,600 s. 560	0	0	{ c. 1,060 s. 230	0	0				
{ 100	0	0	40	0	0	140	0	0	...	...	...	{ c. 100 s. 40	0	0				
100	0	0	40	0	0	140	0	0	...	...	...	{ c. 100 s. 40	0	0				
14,760	0	0	820	0	0	15,580	0	0	{ c. 13,600 s. 550	0	0	{ c. 1,160 s. 270	0	0				
3,800	0	0	...	...	...	3,800	0	0										
1,400	0	0	...	...	...	1,400	0	0										
400	0	0	...	...	...	400	0	0										
300	0	0	...	...	...	300	0	0										
5,900	0	0	...	...	...	5,900	0	0										
1,340	0	0	...	...	...	1,340	0	0										
450	0	0	...	...	...	450	0	0										
200	0	0	...	...	...	200	0	0										
150	0	0	...	...	...	150	0	0										
2,140	0	0	...	...	...	2,140	0	0	...									
550	0	0	...	...	...	550	0	0										
3,000	0	0	...	...	...	3,000	0	0										
100	0	0	...	...	...	100	0	0										
150	0	0	...	...	...	150	0	0										
3,800	0	0	...	...	...	3,800	0	0										
11,840	0	0	...	...	...	11,840	0	0										
14,760	0	0	820	0	0	15,580	0	0										
11,840	0	0	...	...	...	11,840	0	0										

A Canal, 1st Division, Schedule

AUTHORITY.	SANCTIONED PER ESTIMATE.				EXECUTED TO END OF MONTH MENTIONED IN HEADING AS PER REGISTER OF WORKS.				WORKS AND HEADS OF ESTIMATE.
	Quantity.	Rate.		Cost.	Quantity.	Cost.	Rate.		
		At	Per						
				Rs. A P.				Rs. A P.	
									Brought forward, works, &c.
									Establishment
									Executive.
									Engineering ...
									Upper Subordinate ...
									Lower Subordinate ...
									Petty ...
									Office and account ...
									Travelling allowances ...
									Contingencies ...
									TOTAL EXECUTIVE ...
									Water Regulation..
									Salaries ...
									Travelling allowances ...
									Contingencies ...
									TOTAL WATER REGULATION
									Medical.
									European and Native Doctors
									Contingencies ...
									TOTAL MEDICAL ...
									Surveys.
									Upper Subordinates ...
									Petty ...
									Travelling allowances ...
									Contingencies ...
									TOTAL SURVEYS ...
									TOTAL GENERAL ...
									REVENUE.
									Salaries ...
									Travelling allowances ...
									Contingencies ...
									TOTAL REVENUE ...
									Carried forward works, &c.
									Establishment

26—continued.

of Expenditure during April 1871—continued.

CHARGES OF THE MONTH.						DISTRIBUTION OF CHARGES OF THE MONTH.									
Cash.		Stock.		Total.		Capital.				Revenue.		Ordinary Agricultural Works.		Suspense Accounts.	
						Extraordinary.		Ordinary.							
Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.
14,760	0 0	820	0 0	15,580	0 0										
11,840	0 0	...	...	11,840	0 0										
1,600	0 0	...	...	1,600	0 0										
500	0 0	...	...	500	0 0										
400	0 0	...	...	400	0 0										
150	0 0	...	...	150	0 0										
400	0 0	...	...	400	0 0										
450	0 0	...	...	450	0 0										
150	0 0	...	...	150	0 0										
3,650	0 0	...	...	3,650	0 0										
...	...	...	...	...	...										
...	...	...	...	...	...										
...	...	...	...	...	...										
250	0 0	...	...	250	0 0										
50	0 0	...	...	50	0 0										
300	0 0	...	...	300	0 0										
...	...	...	...	...	...										
...	...	...	...	...	...										
...	...	...	...	...	...										
15,790	0 0	...	...	15,790	0 0										
1,000	0 0	...	...	1,000	0 0										
100	0 0	...	...	100	0 0										
...	...	...	...	...	...										
1,100	0 0	...	...	1,100	0 0										
14,760	0 0	820	0 0	15,580	0 0										
16,890	0 0	...	...	16,890	0 0										

A Canal, 1st Division, Schedule

AUTHORITY.	SANCTIONED PER ESTIMATE.					EXECUTED TO END OF MONTH MENTIONED IN HEADING AS PER REGISTER OF WORKS.					WORKS AND HEADS OF ESTIMATE.	
	Quantity.	Rate.		Cost.	Quantity.	Cost.	Rate.					
		At	Per									
				Rs.	A.	P.		Rs.	A.	P.		
												Brought forward, Works &c. Establishment NAVIGATION. General Control ... Working locks, &c. ... Travelling allowances ... TOTAL NAVIGATION ... MILLS AND MACHINERY. Attending Mills ... TOTAL MILLS & MACHINERY PLANTATIONS. Controlling Establishment GRAND TOTAL ESTABLISHMENT ...
												H. TOOLS AND PLANT. NOTE.—Expenditure on this head, if any, will be shown in the same detail as estimate, and under the following heads:— (1) Navigation. (2) Machinery for Mills. (3) Miscellaneous Plant. TOTAL TOOLS AND PLANT ...
												REVENUE. A—MAINTENANCE OF WORKS. I.—EXTENSIONS AND IMPROVEMENTS. (I).—Main Canal. Repairs to Bunds at— Earth-work ... Carried forward, works and Establishment Revenue
Estimate No. of 1870-71.	c. ft. 1,20,000	3-0-0	1,000	360	0	0	1,25,000	370	0	0	3-0-0	

26—continued.

of Expenditure during April 1871—continued.

CHARGES OF THE MONTH.						DISTRIBUTION OF CHARGES OF THE MONTH.									
Cash.		Stock.		Total.		Capital.				Revenue.		Ordinary Agricultural Works.		Suspense Ac- counts.	
						Extraordinary.		Ordinary.							
Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.
14,760	0 0	820	0 0	15,580	0 0										
16,890	0 0	...	0 0	16,890	0 0										
...	...	...	...	...	...										
...	...	...	...	...	...										
...	...	...	...	...	...										
...	...	...	...	...	...										
...	...	...	...	...	...										
...	...	...	...	...	...										
16,890	0 0	..	...	16,890	...										
100	0 0	...	...	100	0 0	...	...	...	...	100	0 0				
31,650	0 0	820	0 0	32,470	0 0										
100	0 0	...	0 0	100	0 0	...	...	...	...	100	0 0				

A Canal, 1st Division, Schedule

AUTHORITY.	SANCTIONED PER ESTIMATE.				EXECUTED TO END OF MONTH MENTIONED IN HEADING AS PER REGISTER OF WORKS.				WORKS AND HEADS OF ESTIMATE.	
	Quantity.	Rate.		Cost.	Quantity.	Cost.	Rate.			
		At	Per							
				Rs.	A.	P.				

NOTE.—Of course it will be understood that only those heads of service, under which Expenditure has been incurred during the month. Expenditure should be entered in the monthly

26—concluded.

of Expenditure during April 1871—concluded.

CHARGES OF THE MONTH.						DISTRIBUTION OF CHARGES OF THE MONTH.									
Cash.		Stock.		Total.		Capital.				Revenue.		Ordinary Agricultural Works.		Suspense Accounts.	
						Extraordinary.		Ordinary.							
Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.
														1,500	0 0
		1,500	0 0	1,500	0 0									40	0 0
40	0 0			40	0 0										
														1,540	0 0
40	0 0	1,500	0 0	1,540	0 0										

will be shown in this Schedule by Executive Engineers; the foregoing details have been given to show the strict order in which the Schedule forwarded to the Controller for audit.

P. W. Dept.
A. 11496

Proceedings of the Madras Government
Under date 11th June 1872.

Read the following

From the Sup^r Engineer
14th Du.

(Here enter No 5008/9th May 1872)

The Superin-
-tending Engineer's
attention will be called
to G. O. No 1310 of 14th
May in which the
adoption, for certain
large Works of Irriga-
-tion, of the form of
Progress Report approved
by the Supreme Govern-
-ment has been ordered.

Hies

P. W. 2434/72.

James Duffell & Co. 1872

This does not entail the preparation of an extra Progress Report but the progress of certain works will be recorded in greater detail than heretofore in the copy of the Progress Report submitted to the Controller. These details need not be given in the Progress Reports sent to the Collector or to the Superintending Engineer if the latter does not require them.

A. F. D.
 H. M. V.

25
 2

To the Super. & Engr. 1st Div.
 Dated 24/6/72

C/2434

Govt. of 1872 Madras.
 PUBLIC WORKS. ✓

To the Superintending
 Engr. 1st Division

Dated

Recd.

Encl. 3

G. O. 17th June 1872, No. 1496.

Nos. 2714272

Progress Report. The attention of the Super. & Engr. 1st Div. is called to G. O. No. 1310 of 1872 prescribing the form of progress report for irrigation works & ^{other operations} ~~certain works~~ made in the subject.