

From: 222/4. 7-9-81
C/O: 2441- 26-10-81.

Jail (1881) Department.

From P. W. C. No 6301
THE INSPR.-GENERAL OF JAILS,
To Engineer &
THE CHIEF SECRETARY TO GOVT.,
Fort St. George.
Madras

Dated 29 } October 1881.
Received 31 }

No. 218.

ENCLOSURE.

Subject.

Requesting to provide
Rupees 50,000 for the completion
of the Palamcottah Jail
and Rupees 40,000 for the
new jail at Tanjore.
Rs 20,000 being allotted from
the Government labor fund.
Subd in Receipt Regd

No 2751 W

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 7th Novr 1881
Read the following:—

From
The Inspector General of Jails (No. 218 of 29th Octr 1881)

The sums named
by the Inspector General
of Jails will, if possible,
be provided in the Pro-
vincial Budget for
1882-83 for the new jails
at Palamcottah and
Tanjore.

Inspr. Genl of Jails

Despts 7-11-81.

No. 2787

MADRAS,

Chepauk, 2nd Nov^r 1881.

From

THE SUPERINTENDENT OF WORKS,
PRESIDENCY,

To

THE Chief Engineer
P.W. Dept.

SIR,

Enclosures.

With reference to your Memo No. 2354 of 14th October 1881, I have the honor to surrender Rs. 2,080 being allotment made in the current year's Provincial Budget for item No. 18 (Constructing an upper story to the Superintendent's Quarters, Lunatic Asylum) which was completed and paid for during the last official year.

I have the honor to be
Sir,

Your most obed^t serv^t

W. H. Buxton
Lt. Col. R.E.

Superintendent of Works

2751/81 7-11-81.

Indexed 10/11

N^o 2750 W

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 7th Novr 1881
Read the following:—

From

The Suptt of Works from,
Presidency.

The Suptt of Works, Presidency (N^o 2787 of 1st Novr/81)

N^o 2787.

Dated 1st }
Received 2 } Novr 1881.

Surrender —

Surplus of the
of Rs 2080 in the current
year's Provincial Budget
set for item No 18.

Subd. Receipt Regt.

B.C.

S.W. Presidency.

Examiner W. S. S.

Sept 7-11-81

The sum of Rs 2080

surrendered by the Su-
perintendent of Works.

Presidency is credited to
the Provincial Reserve

of 1881-82.



GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

19th October 1881, No. 2556 W.

General.
Account.

Read the following paper :—

No. 96. Proceedings of the Financial Department, dated 3rd October 1881, No. 1869.

No. 97. ORDER THEREON, 19th October 1881, No. 2556 W.

COMMUNICATED to the officers concerned.

2. The amount to be transferred to the credit of the Public Works Department from Port Funds for expenditure in 1882-83 is as follows :—

	RS.
1. Kistna.—Construction of a beacon at False Point, Divi	5,540
2. South Arcot.—Construction of a platform to the wharf at Port Novo	970
Establishment	1,628
Tools and Plant	162
Total	8,300

3. As the works for which appropriations have now been made are unprovided with sanctioned estimates, the Public Works Officers concerned will understand that no outlay whatever should be incurred until estimates have been sanctioned by competent authority.

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, Third Circle.
" Superintendent of Works, Kistna.
" Do. do. Godáviri.
" Examiner, Public Works Accounts.
" Marine Department.

" *Finance Dept.* "

Order in the Financial Dept 1st November 1881 No 2103.

Exd. S. T. Austin.
Spare Copies

Recorded. The Accountant General will place the sum named at the disposal of the M. Dept after the 1st April 1882.

The Master Attendant

Chief General

M. Dept

(True Extract)

(Sd) Sidney Laffin

Sy. Aft. Secy.

2750 W. 7-11-81

Indexed 27/11

B.N. 2749 Waf 7th Nov 1881.

Comm^d to the officers
concerned.

(S. R. T.)

GENERAL
ACCOUNT.

Govt. of (1881) Madras.
PUBLIC WORKS.

To

THE SUPERINTENDING ENGINEER,
THIRD CIRCLE,
&c., &c., &c.

Dated October, 19th.

Issued

Recd.

Encl.

G. O., 19th October 1881, No. 2556 W.

OCTOBER.
Nos. 96-97.

Budget Estimate of the Marine Department for 1882-83.—Proceedings in the Financial Department reviewing the —, communicated to the officers concerned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

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Secretary to Govt., P.W.D.

To the Superintending Engineer, Third Circle.
" Superintendent of Works, Kistna.
" Do. do. Godavari.
" Examiner, Public Works Accounts.
" Marine Department.

Order in the Finl. Dept. 1st Nov 1881, No. 2103

Recorded. The Accountant General will place the sum named at the disposal of the Public Works Dept., after the 1st April 1882.

Exd. S. T. Austin.
Spare Copies

(True Extract)

The Master Attendant, Madras.
Accountant General
Public Works Department

Acty Asst. Secy

B. N. 2749 Waf 7th Nov 1881

GENERAL
ACCOUNT.

Gobt. of (1881) Madras.
PUBLIC WORKS.

Communicated
to the officers concerned.

FE

To
THE SUPERINTENDING ENGINEER,
THIRD CIRCLE,
&c. &c. &c.

Dated October, 19th.
Issued
Recd. 2nd Nov. Encl.

G. O., 19th October 1881, No. 2556 W.

OCTOBER.
Nos. 96-97.

Sp 2749 Waf 7th Nov 1881
B

Budget Estimate of the Marine Department for 1882-83.—Proceedings in the Financial Department reviewing the—communicated to the officers concerned.

Filed in Receipt Book

with order

S.E. 2 Circle (unf) ✓
S. H. Kishore
S.E. 3 C ✓
S. P. W. ✓

Sept 28-11-81

GOVERNMENT OF MADRAS.
REVENUE DEPARTMENT.

4th October 1881, No. 1470.

READ THE FOLLOWING PAPERS:—

No. 33. Proceedings of the Board of Revenue, dated 29th July 1881, No. 1545.
Read—the following letter from W. R. ROBERTSON, Esq., M.R.A.C., Superintendent of Government Farms, to the Secretary to the Board of Revenue, dated Saidápet, 17th June 1881, No. 599.

I HAVE the honor to submit copies* of certain correspondence which has passed between the Superintendent of Works, Presidency, and myself regarding the proposal to provide the Farm with a more efficient sluice in the Mylapore Tank than that now in use.

* With eight original enclosures to be returned.

- 3 Plans.
- 1 Abstract Estimate.
- 1 Detailed do.
- 1 Specification.
- 1 Report.
- 1 Letter from the Assistant Engineer.

2. I would point out that one important object to be secured by the improvement proposed was a good water-supply under complete Farm control available for use over the different portions of the Farm where it is deemed desirable to conduct irrigation experiments, in view to determine the exact quantity of water required to raise certain crops, on different soils of known composition, under similar climatological conditions, which experiments it was proposed to undertake as far back as 1872, but which have been deferred from year to year from the absence of a suitable water-supply. We also desired to improve the irrigation arrangements of other portions of the Farm.

3. The Superintendent of Works in his last letter inaccurately contrasts the probable results of a new sluice and of that which he proposes to adapt to our use. He evidently misunderstands what our objects are, though I have endeavored to make them clear to him (*vide* my letters No. 119 of the 4th of February and No. 407 of the 29th April). As pointed out in the former of these,† the floor of the sluice he proposes to utilize is at least three feet higher than the floor of the sluice we now have, and one fault of this sluice is the great height of its floor above the bottom of the tank, which prevents us from running off water long before the supply in the tank is exhausted, compelling us to go to the expense of baling if we desire to continue the use of the water.

4. I shall feel much obliged if arrangements can be made during the present hot season to afford the Farm the water-supply required for the experiments referred to, which I desire to conduct in the approaching cold season, and for which it is necessary, in advance, to construct the masonry measuring cisterns, &c.

ENCLOSURE No. 1.—Copies of Correspondence.

ENCLOSURE No. 2.—Three Plans.

ENCLOSURE No. 3.—Estimate, &c.

Resolution—

SUBMITTED to Government with a request that early orders may be passed for giving the Superintendent an improved water-supply from the Mylapore Tank.

2. The Superintendent desires an improvement on the present supply, first as regards the height at which the water is delivered, and secondly as regards the exclusiveness of his control over the communications between the tank and the Farm. The Board understand that the Superintendent proposes an entirely new sluice, and that the Public Works Engineer proposes to clear out an old one. The cost of the former is roughly estimated at Rs. 500, and of the latter at Rs. 100. The Superintendent prefers a new sluice, because the floor can then be deepened, and because such a supply will be under his exclusive control. The point can only be settled by an authoritative decision of Government, which the Board request.

3. The Board attach importance to the irrigation experiments at the Farm and consider that the Superintendent should be afforded all reasonable facilities for conducting them.

(True Extract.)

(Signed) C. D. MACLEAN,
Acting Sub-Secretary.

OFFICE NOTE.

FORWARDED, in original, with Honorable Members' notes and previous papers, for the opinion of the Chief Engineer for Irrigation.

OOTACAMUND,
20th September 1881.

(Signed) C. G. MASTER,
Secretary to Government.

No. 34.

OFFICE NOTE.

IN returning the papers received with the office note of the 20th instant from the Secretary to Government, Revenue Department, the following summary of levels will probably enable the subject to be better understood:—

A. The water in the Mylapore tank when full is at	...	...	20-00
B. The sill of the sluice which the Superintendent of works proposed to improve at a cost of 100 rupees is at	...	...	16-29
C. But as the floor of the tunnel under the Mount Road by which water from the above sluice is a little higher, this latter is the effective level of the sluice and is at	...	...	16-43
D. The level of the land to be irrigated is irregular, but the highest level is	...	...	16-84
the lowest level is	...	...	12-00
or possibly at one corner	...	...	10-68
E. There is another sluice (stated to be near the toll-bar) which has its sill at	...	...	12-97
F. The distance from the site for a new sluice proposed by the Superintendent, Government Farms, to the high level sluice B is	...	...	383 yds.
The distance from the same point to the low level sluice E is	...	...	1,060 "

2. In his letter, No. 119, of the 4th February 1881, the Superintendent, Government Farms, says: "it has been decided that the farm has a claim to a quantity of water sufficient to irrigate 20 acres," and the plot shown on the survey is between 17 and 18 acres.

3. As the present high level sluice B is only 3-57 feet below full tank level, the undersigned thinks it is inconveniently high, and that the Superintendent of Government Farms' objections to relying upon it are valid. In paragraph 3 of his letter printed in Proceedings, Board of Revenue, No. 1545, 29th July 1881, Mr. Robertson says that one objection to the low level sluice E near the toll-gate is that its floor is too high, but as that floor is at 12-97, and lower consequently than the greater part of the land to be irrigated, the information contained in the papers indicates that, though this sluice may be above the deep bed (madagu) of the tank,

were it lower, no more water would reach the farm than at present. The only objection to this sluice which is apparent is its distance* from the land to be irrigated. If that objection be deemed of importance, a new sluice had better be built at the site selected by the Superintendent, Government Farms, and he should be requested to fix the level of its sill, i.e., to say how much below full tank level, or how much below the sill of the present sluice E, it is to be. The Public Works officers can be guided only by the level of the land to be irrigated and would from that conclude that the sluice E meets the conditions to be satisfied. As the Superintendent desires a lower sluice than that level would indicate to be necessary, he had better decide upon his requirements for himself.

(Signed) J. MULLINS, Col., R.E.,
Chief Engineer for Irrigation.

22nd September 1881.

No. 35. ORDER THEREON, 4th October 1881, No. 1470.

Irrigation, No. 2.

THE Government sanction the construction of a new sluice at the spot selected by the Superintendent, Government Farms; and, with reference to the remarks of Colonel Mullins recorded above, the level of the sill will be determined by Mr. Robertson in communication with the Superintendent of Works, Presidency Division.

(True Extract.)

(Signed) C. G. MASTER,
Secretary to Government.

To the Board of Revenue, with three original enclosures, returned,
,, the Chief Engineer for Irrigation.
,, the Public Works Department.

Exd. W. H. French.

70 Copies.

Govt. of (1881) Madras
REVENUE.

To

THE BOARD OF REVENUE,

&c., &c., &c.

Dated October 4th.

Printed 17th.

Recd.

Encl.

G.O., 4th October 1881, No. 1470.

OCTOBER.

Nos. 33—35.

SUBJECT.

New Sluice in Mylapore Tank—Construction of a — at spot selected by Superintendent, Government Farms, sanctioned with certain instructions.

Bel No 2748 Waf 7th Nov 1881.

to the M. Presidency

(S) RT

GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

4th October 1881, No. 1470.

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† See also Board's Proceedings, No. 230, dated the 10th of February 1881.

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