M.P.O. 1—32,000—16-10-29.

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No. 2579. Press ~~Mis.~~

124-128.

Dated 7th October 1869

Not to be folded or roughly handled

97

12

Proceedings of the Madras Government, Revenue Department, 7th October, 1868.

No. 124. Read the following Proceedings of the Madras Government in the Public Works Department:—

Sanctioning for entry in the Budget of 1869-70 estimate of Rupees 11,000 for certain improvements proposed to be made in connection with the supply of the Nugger tank and the irrigation of the lands of the Sappankum village in the South Arcot District. } (Here enter 1st October, 1868, No. 3,087.)

No. 125. ORDER THEREON, 7th October, 1868, No. 2,579.

Irrigation, No. 6.

Communicated to the Board of Revenue.

(True Extract.)

(Signed) H. SEWELL,
Acting Under Secretary to Government.

To the Board of Revenue, with Proceedings Public Works Department, No. 3,087.

Exd. F. R. Bantleman.

Govt. of 1868 Madras.

REVENUE.

To

THE BOARD OF REVENUE.

Dated October, 7th.

Recd. *Encl.*

G. O., 7th October 1868, No. 2,579.

OCTOBER.

Nos. 124-125.

Nugger tank in South Arcot District.—Order sanctioning estimate for certain improvements to it, communicated to Revenue Board.

Proceedings of the Madras Government, Public Works Department, 1st October 1868.

No. 12. Read the following Endorsement of the Chief Engineer for Irrigation, dated Fort St. George, 14th September 1868:—

Read the following letter from the Superintending Engineer, 5th Division, to the Chief Engineer for Irrigation and Joint Secretary to Government, Public Works Department, dated Camp at Woodenhully, 22nd August 1868, No. 89.

1 Survey.
1 Section of Levels.
4 Plans.
2 Detailed Estimates.
2 Abstract do.
1 General Abstract.
1 Revenue Statement.
2 Specifications.

1. I have the honor to forward for the sanction of Government an estimate of Rupees 10,770, accompanied by plans and specifications, for constructing a weir across the Myore Nuddy and cutting a channel for the better supply of the Nugger tank and the lands of Sappankum, in the Virdachellam talook of South Arcot.

2. The weir, 140 feet long, is intended to be built three miles west of the 135th mile of Trunk Road No. 8. The channel, which will have a head sluice adjoining the wing-wall of the weir, will be taken in a south-easterly direction, to irrigate about 200 cawnies of land, in the limits of Sappankum. The land is situated immediately on either side of the channel, from Station 19 in the Survey and Section. The channel also falls into the Nugger tank, which is at present very badly supplied.

3. The channel is crossed by two jungle streams, and masonry works are provided in the estimate for taking it above one and below the other, so as to keep it free from the sand brought down by the streams.

4. Rock is met with a few feet below the bed of the river, at the site selected for the weir, and the greater part of that work, and of the aqueducts and bridge, will be built with rough-stone-in-chunam, the materials being easily obtained near the sites.

5. The expected increase of revenue is Rupees 1,200, or eleven per cent. on the proposed outlay.

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1. The estimates submitted with the foregoing letter, which after certain additions particularized below, amount to Rupees 11,003, are recommended for the sanction of Government:—

Anicut across the Myore Nuddy and head sluice to supply-channel.—The amount allowed for contingencies in the estimate for these works is only two per cent., which I consider insufficient, and I have, therefore, raised it to about five per cent.

Aqueduct across supply-channel for first jungle stream.—The thickness of the side walls has been raised from two feet three inches to three feet.

Aqueduct for second jungle stream.—Cut-waters have been added to piers on the down-stream side, and pilasters above, the latter with the object of giving increased strength to the side walls of channel.

Tunnel on Trunk Road No. 8.—The thickness of side walls has been increased from two feet three inches to three feet.

2. It appears from the Collector's estimate of returns, that about eleven per cent. will be realized, which may be considered as quite sufficient to justify the outlay.

3. Particulars of the ordinary monsoon supply of the Myore Nuddy are not furnished by Colonel Foord, but I gather from the sections that the required supply

Govt. of 1868 Madras.

REVENUE.

To

THE BOARD OF REVENUE.

Dated October, 7th.

Recd. *Encl.*

G. O., 7th October 1868, No. 2,579.

OCTOBER.

Nos. 124-125.

Nugger tank in South Arcot District.—Order sanctioning estimate for certain improvements to it, communicated to Revenue Board.

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3. The channel is crossed by two jungle streams, and masonry works are provided in the estimate for taking it above one and below the other, so as to keep it free from the sand brought down by the streams.

4. Rock is met with a few feet below the bed of the river, at the site selected for the weir, and the greater part of that work, and of the aqueducts and bridge, will be built with rough-stone-in-chunam, the materials being easily obtained near the sites.

5. The expected increase of revenue is Rupees 1,200, or eleven per cent. on the proposed outlay.

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1. The estimates submitted with the foregoing letter, which after certain additions particularized below, amount to Rupees 11,003, are recommended for the sanction of Government:—

Anicut across the Myore Nuddy and head sluice to supply-channel.—The amount allowed for contingencies in the estimate for these works is only two per cent., which I consider insufficient, and I have, therefore, raised it to about five per cent.

Aqueduct across supply-channel for first jungle stream.—The thickness of the side walls has been raised from two feet three inches to three feet.

Aqueduct for second jungle stream.—Cut-waters have been added to piers on the down-stream side, and pilasters above, the latter with the object of giving increased strength to the side walls of channel.

Tunnel on Trunk Road No. 8.—The thickness of side walls has been increased from two feet three inches to three feet.

2. It appears from the Collector's estimate of returns, that about eleven per cent. will be realized, which may be considered as quite sufficient to justify the outlay.

3. Particulars of the ordinary monsoon supply of the Myore Nuddy are not furnished by Colonel Foord, but I gather from the sections that the required supply

for the land under the two tanks concerned would be obtained by means of the proposed channel running with a depth of three feet continuously for fourteen or fifteen days only.

4. The classification of the estimates is as follows:—

MAIN CANALS AND BRANCHES.

	Rs.
Masonry works.	
Dams and regulating works	5,670
Aqueducts, &c.	1,296
Road bridges	317
Earth works.	
Main Canal and branches	3,720
Total	11,003

(Signed) J. C. ANDERSON, Colonel, R. E.,
Chief Engineer for Irrigation.

No. 13. ORDER THEREON, 1st October 1868, No. 3,087.

IRRIGATION, No. 1.

1. With these papers the Chief Engineer for Irrigation submits estimates amounting in the aggregate to Rupees 11,000 for certain improvements which it is proposed to make in connection with the supply of the Nugger tank and the irrigation of the lands of the Sappankum village in the South Arcot District.

2. The improvements consist of the construction of a weir across the Myore Nuddy, cutting a new channel thence to the Nugger tank, and constructing several minor masonry works.

3. The extent of land at present under irrigation is ninety-six cawnies with an assessment of Rs. 893, and by the proposed works it is expected that an additional area of 240 cawnies will be brought under Nunjah cultivation, yielding a revenue of Rupees 1,200, or about eleven per cent. on the estimated outlay.

4. The Chief Engineer for Irrigation approves of the designs for the works and recommends the estimates, which the Government accordingly sanction for entry in the Budget of 1869-70.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Superintending Engineer, 5th Division.
,, Accountant General.
,, Controller of Public Works Accounts.
,, Chief Engineer for Irrigation.
,, Revenue Department.

Exd. S. T. Augustin.

the supply of the Nugger tank and the irrigation of the lands of the Sappankum village in the South Arcot District.

30

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4. The Chief Engineer for Irrigation approves of the designs for the works and recommends the estimates, which the Government accordingly sanction for entry in the Budget of 1869-70.

(True Extract.)

Colonel, R. E.,
Secretary to Government.

No. 2579

To the Superintending Engineer, 5th Division.
,, Accountant General.
,, Controller of Public Works Accounts.
,, Chief Engineer for Irrigation.
,, Revenue Department.

Communicated to the Board of Revenue

List

Exd. S. T. Augustin.

No. 3087. Dept. 7 8/10/68