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(3) Initials of the Referencer

# MADRAS RECORD OFFICE.

## Government of Madras.

Public Works DEPARTMENT.

G.O. No. 3253 Press ~~Mis.~~

287-288

Dated 12-10- 1866.

**Not to be folded or roughly handled**

## *Proceedings of the Madras Government, Public Works Department, 12th October* 1866.

No. 287. Read the following letter from the Consulting Engineer for Irrigation and Canal Company, to the Secretary to Government, Department Public Works, dated Madras, 4th October 1866, No. 75 :—

1. I have the honor to submit, for the consideration of Government, a letter,* No. 249 of the 28th August (September,) from the Agent and Manager Madras Irrigation and Canal Company, forwarding an estimate, Rupees 5,900, for the re-construction of the Soonkasala Anicut at the site of the old breach.

* With Chief Engineer's No. 455 of the 17th ultimo, and two tracings.

2. The Chief Engineer, it will be noticed, intends to clear out the rubble stone above and below the anicut at this point, sufficiently to allow of the part of the main wall, which was originally built on dry rubble, being taken down and re-built. This has before been reported to be the best arrangement which can be adopted, and I beg to recommend the sanction of the estimate, which is the best approximation which can be given to the probable cost in the absence of any record of the exact length of wall, which is at present not founded on rock. The vertical face, which is proposed to be given to the new part of the wall, will require to be carefully built at the junction with the battered wall of the old work, and perhaps the desired object could be more easily accomplished by shifting the intended coping, so as to make the water clear the slope of the wall. The batter on the lower face was obtained in many places in the old work by off-setts instead of, as it should have been, by a continuous slope, and in certain states of the river the water strikes on these projections and does damage.

3. The last estimate, sanctioned in connection with the breach, amounted to Rupees 37,180, and provided for a sloping apron, which has not proved successful. The Progress Report for July last shows Rupees 12,884-2-4 only, exclusive of contingencies, to have been expended.

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From the Agent and Manager Madras Irrigation and Canal Company, to the Consulting Engineer Madras Irrigation and Canal Company, dated Madras, 28th August 1866, No. 249

In duplicate

I have the honor to transmit, for the sanction of Government, plans and estimates for the repairs of the breach in the Soonkasala Anicut, with copy of the Provisional Chief Engineer's letter No. 455 of the 17th September 1866.

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From the Provisional Chief Engineer, to the Agent, Madras, dated Kurnool, 17th September 1866, No. 455

*Anicut breach, for sanction.*

1 I have the honor to send you plans and estimates for Government sanction, for the complete repair of the late (1864) breach in the Soonkasala Anicut by carrying the wall across the breach down to rock

2. The removal of the present wall and dry rubble I estimate to cost about Rupees 890, taking the portion of anicut wall not on rock as sixty-six feet long. I have no records showing the exact length, and do not propose to remove any except such as is not already on rock. The completion of the wall I estimate at Rupees 4,450, making a total, including 10 per cent. contingencies, of Rupees 5,900, for which sanction is required.

3 The original difficulty, which made it impossible to get down to rock in time to complete the repairs in 1865, was that water was running through the breach, and could not be kept out. As it now is, little or no water can get in to the intended site, for the temporary semicircular dam, made in 1864 above it, still exists, and is protected above by puddle, and by many feet of silt which the river has deposited nearly to a level with the crest. I have put Rupees 200 for baling.

4. I propose for the rear face a lime-stone vertical facing, and intend to make every endeavour to get it bounded well with the rubble masonry hearting The stones on the spot will admit of an effective bond if well selected This facing must come from the Nizam's territory, opposite Bavapoor, or else from the 15th mile, or from both.

No. 288. ORDER THEREON, 12th October 1866, No. 3,253.

CIVIL WORKS, No. 55.

The Government sanction the estimate of Rupees 5,900 for the re-construction of the Soonkasala Anicut at the site of the old breach.

(True Extract.)

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

To the Consulting Engineer of the Madras Irrigation and Canal Company, with one Estimate and two Tracings.

,, Manager for do. do.

Exd S T. Augustin.

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Madras Irr: & Canal Co.

No. 249

Madras 28 August 66

From

The Agent and Manager
M. I & C. Co.

To

The Consulting Engineer
M. I & C Co.

Sir

I have the honor to transmit for the sanction of Government Plans & estimates for the repairs of the Breach in the Somkasala Anicut, with Copy of the Board's Chief Engineer's letter No 1656 of the 17th September 1866

In duplicate

I have the honor to be
Sir
Your most Obedt Servt
for Messrs Binny & Co
Agent and Manager

No 4555

Chief Engineer's Office
Kurnool 19th Sept 1866

To

F. W. Nuslowe Esqr
Agent Kurnool

Sir

Anicut Breach for Sanction

I have the honor to send you plans & estimates for Govt. sanction, for the complete repair of the late (1864) breach in the Sunkesula Anicut by carrying the wall across the breach down to rock.—

2. The removal of the present wall & dam rubble I estimate to cost about Rs 890 taking the portion of anicut to all not on rock as 66 ft long. I have no records shewing the exact length, & do not propose to remove any except such as is not already on rock. The completion of the wall I estimate at Rs 4460 making a total, including 10 percent contingencies, of Rs 5900 for which sanction is required

3 The original difficulty, which made it impossible to get down to rock in time to complete the repairs in 1865, was that water was running through the breach and could not be kept out. As it now is, little or no water can get in to the intended site, for the temporary semicircular dam, made in 1864 above it, still exists and is protected above by puddle & by many feet of silt which the river has deposited nearly to a level with the crest. I have put Rs 200 for bailing.—

4. I propose for the rear face a line of stone vertical facing & intend to make every endeavor to get it bounded well with the rubble masonry hearting. The stones on the spot will admit of an effective bond if well selected. This facing must come from the Nizams territory opposite Banaspoor, or else from the 15 miles or from both.

I have &c
(Sd) John H Latham
Asst Ch. Engr

(True Copy)

Agent & Manager

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Consulting Engineer's Office,
Irrigation & Canal Company,
Madras, 4th October 1866.

No. 75

From,

Captain, J. Mallins, R.E.
Consulting for I.C. Co.

To,

The Secretary to Government
Department of Pub. Works

Sir,

1. I have the honor to submit for the considera-
tion of Government a letter, No. 249 of the 28th Au-
gust (September), from the Agent and Manager Madras
Irrigation and Canal Company, forwarding an Esti-
mate Rupees 5,900 for the reconstruction of the Soon-
nakala Anicut at the site of the old breach.-

2. The Chief Engineer, it will be noticed, intends to
clear out the rubble stone above and below the Anicut
at this point, sufficiently to allow of the part of the
main wall, which was originally built in dry rubble,
being taken down and rebuilt. This has before been
reported to be the best arrangement which can be
adopted, and I beg to recommend the sanction of the
estimate, which is the best approximation which
can be given to the probable cost, in the absence
of

with Ch. Engr's No. 455
of the 17 ult. and 2
Enclosures.

No. 249
1866
Irrig. & Canal Co.

From the Agent & Manager Madras
Irrigation & Canal Co.
Dated 28th August 1866
Received 1st September
Forwarding Estimate
Rupees 5,900 for
reconstruction of
Soonnakala Anicut

Ent. 12th October 1866
Reg. 16 Sheets

of any record of the exact length of wall which is at present not founded on rock.— The vertical face, which is proposed to be given to the new part of the wall, will require to be carefully built at the junction with the battered wall of the old work, and perhaps the desired object could be more easily accomplished by shifting the intended coping, so as to make the water clear the slope of the wall.— The batter on the lower face was obtained in many places in the old work by offsets instead of, as it should have been, by a continuous slope, and in certain states of the river the water strikes on these projections and does damage.—

3. The last estimate sanctioned in connection with the breach, amounted to Rupees 37,180—and provided for a sloping apron, which has not proved successful.— The Progress Report for July last shews Rupees 12,884-2-4 only, exclusive of contingencies, to have been expended.—

I have the honour to be,
Sir,
Your most obedient servant,
John Lindsay Captain R.E.
Consulting for L.H.C. Company.—

Geo. M. Brock—

Public Works Department

eB. 32253

**PROCEEDINGS of the MADRAS GOVERNMENT**
Under date the 7th Dec 1866
Read the following

From The Consulting Engineer for Jr. Railway Company

(Here enter No. 25 dated 27th October 1866)

The Commissioner for sanction to Re. Estimate of Rs. 5900 for reconstruction of Kom Rasula Anicut on the site of the old French.

To The Consulting Engineer for Jr. Railway with my acknowledgment of the receipt of the same.

Manager. 30/

2nd June 1866 No 31-32
17 " Nov. 1864 - 345-346

Pro. of Govt. dated 5 October 1866 No 4109.
From The Consulting for S.R.C. Co.
To The Secretary to Govt. P.W.

Dated 4
Rec. 6 } October 1866

Re 4.

Submits for the consideration of Govt a letter No. 249 of the 28th Sept (Sept.) from the Agent forwarding an Estimate Rs. 5900 for the reconstruction of the Kom Rasula Anicut at the site of the old breach, & recommends the sanction of the same.—

No 257.

eNo 3253 - 12th Octr 1866

Rec. 1 Nov. 1866

P. W. 1866. Department.

Pro. of Govt. for October 1866

No. 3263

PROCEEDINGS OF GOVERNMENT. of Madras

Dated 12th October 1866.

Ex. 11313/66

Fo. 287. 288