

(1) Number of pages 18(2) Date of repair 9. 2. 44

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. 372	Press ~~Mis.~~
718-19	
Dated 31	1 1870.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
31st January 1870.*

No. 718. Read the following letter from Colonel G. W. WALKER, R. E., Superintending Engineer, 7th Division, to the Secretary to Government, Public Works Department, dated Camp at Cannanore, 15th November 1869, No. 130 :—

I HAVE the honour to submit herewith a plan and estimate for the proper construction of a dam at Katampully, in the Malabar District, at a cost of Rupees 1,580. The work is that referred to in the correspondence printed with G. O., No. 1,134, of 7th April 1869. I am not aware what benefit is expected to accrue to Government from it, or in what proportions it is expected that Government shall contribute towards its cost. Of the former sanction of Rupees 730, Rupees 168 only was contributed by the ryots.

One sketch.
One estimate.

2. The present estimate provides for doubling the waterway over the calingulah, re-building the abutment, filling in the breach, strengthening the bund and raising it higher. This latter is advisable to prevent its being topped, and does not endanger the work owing to the natural low level of the ground on the opposite side, over which the water of highest floods flows without injury to anything.

3. I am sorry to have to remark, with reference to the comments both of the Collector and Sub-Collector as to the want of a plan causing the mistakes to which the destruction of the last work is attributable, that the Collector was supplied with a plan in the first instance which he should have sent to the Sub-Collector when the latter was directed by him to carry out the work. What became of that plan is unknown to me; presumably it was mislaid during the long detention of the estimates in the Collector's office. But it is most ungenerous of both Collector and Sub-Collector to throw blame on this department for the failure of a work which they had specially asked to have entrusted to their charge, because an Overseer happened to be consulted by them and his advice acted on without reference to me when they had been originally supplied with every information necessary. And I beg that Government will not pass the subject without expression of their opinion as to the blame attributable to either department in this matter and in that of withholding payment for the work, against being saddled with which personally I have protested in paragraph 6 of my letter, No. 114, of 4th February.

No. 719. ORDER THEREON, 31st January 1870, No. 372.

IRRIGATION, No. 30.

THE estimate, Rupees 1,580, for the restoration of the Katampully Dam and for rendering a recurrence of the accident improbable by largely increasing the waterway, is sanctioned.

2. The Government observe, with reference to the latter part of Colonel Walker's letter of the 15th November last, No. 130, that no blame attaches to the Department Public Works in connexion with the failure of the work, which was executed by the Revenue authorities. The responsibility for the accident rests entirely with them for allowing any alteration of the design without first consult-

Proceedings of the Madras Government, Public Works Department,
31st January 1870.

ing the Superintending Engineer, and Colonel Walker was right in declining to authorize the advance asked for by the Collector without the previous sanction of competent authority.

(True Extract.)

Colonel, R. E.,
Secretary to Government.

To the Superintending Engineer, 7th Division.
.. Controller of Public Works Accounts.
.. Accountant-General.
.. Revenue Department.

Exd. A. S. Rodgers.

26/3/70
23/7/70
No. 37 of 1869/70
Estimate of the probable Expense of widening the Channayy Dam 60 ft. closing the breach in the Dam and strengthening it throughout and giving a small Tunnel in it for Irrigation.

Delay	Name of Work	Measurement	Sup. Sub. Cont.	Sub. Cont.	Particulars of Work	Price	Rate	Amount	Explanation
		L. B. C.							By of the necessity of the work circumstances
		58 5 10 13			177 19. 1/2 of Butting, Satturite Rock			588 14 2	
					Rebuilding abutment a new site				
		15 4 13			877 6. 1/2 Nutment				
		40 3 6 1/2			780. 1/2 King Walls				
					1157 6. 1/2 Cft. of Satturite in Channayy using old				
					Materials				
					Constructing Tunnel for Irrigation				
		16 4 1/2 1/2			108. 1/2 Foundation				
		26 1 1/2 1/2			58. 6. 1/2 Nutments				
		12 1 1/2 1/2			24. 1/2 Lining Stones and Masonry over them				
					173 6. 1/2 Cft. of Satturite in Channayy				
					Shutter for Tunnel				
					Closing breach Strengthening a Band				
		96 7 1/2 5			337 1/2 Strengthening Band at Breach				
		218 9 3			588 6. 1/2 Raising				
		15 3 1/2 1/2			7930 Closing Breach				
		47 58 1/2 28 1/2			6334 Strengthening Band				
		10 3 1/2 1/2			2280 Raising				
		115 15 6			17760 Strengthening Band				
		115 10 9 1/2 4 9 1/2			9446 Raising				
		39 14 1/2 8 1/2			4005 Closing Breach				
		21 12 6			1672 Strengthening Band				
		21 9 2 1/2			472 Raising				
		0 4 1/2 8 1/2			1109 Closing Breach				
		378 12 5 1/2			2663 Strengthening Band				
		348 10 4			16220 Raising				
		60 12 5 1/2			3460 Strengthening				
		60 9 1/2 4 1/2			3535 Raising				
					Total 174814. 1/2				
					1477				
					Sup. and Sub. about				
					Total of Estimate				

Commanore
19 July 1869
P.H.

Marked A. Harley
Superintendent Engineer

The Band of the Dam has been struck from its original position.
Comment 1 to 10th April 1869.

In a letter from the Supg
Engineer to the Division to the
Secretary to Government D.D.N.
No 130 of 15th November 1869.

P.A. 4015/69.
2/5/70

Estimate No 7 of 1869-70

Estimate for widening the
Katampully Dam to ft.
closing the breach in the
Bund and strengthening it
throughout and giving a
small tunnel in it for
Irrigation.

5
I have ascertained from Colonel
Walker that the dam is utilized
after the breach by constructing
upon it an earthen bund which
bonds up the water forming a considerable
Tank from which water is drawn
off for ^{the} irrigation of the neighbouring
lands.

6/1/70

Colonel Walker
Major R.E.

to be attached to the Report
dated 16 Dec 70

Report to accompany the Estimate for restoring
the Katampully Dam.

The Katampully Dam is intended
to raise the water in the River during the
Monsoon to allow of the ground in the Valley
above the Dam being irrigated from it.
It also converts the channel of the River into
a Tank during the dry weather, thus enabling
the Ryots to get a second crop.

There is one very small irrigation chan-
nel from the Dam, but it is only made
use of in case of failure of rain during the
Monsoon months; in the dry weather all the
water in the River is used in the Valley above.

Superintending Engineer's Office
7th Dec
1869 } M. J. Walker Colonel R.E.
Superintending Engineer F.D.

Forwarded with reference to Memo
No. 304 of 20th November from the Chief Engineer
for Irrigation.

C-10-24-1870

Dec 18

Dec 22 3 45 PM 1870

for the proper construction of a dam at the tank in the Alakolai District.

Dec 22 3 45 PM 1870

Dec 22 3 45 PM 1870

Dec 22 3 45 PM 1870

Dec 22 3 45 PM 1870

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Dec 22 3 45 PM 1870

Dec 22 3 45 PM 1870

Proceedings of the Madras Govt. Engineer date the 21st Jan 71. Read the following:-

From the Engineer, G. D. (Ltr. No 130 of 15 Nov. 70)

(The following)

The estimate, Rupees 1580, for the restoration of the Kattampulley Dam and for rendering a recurrence of the accident improbable, by largely increasing the waterway, is sanctioned.

2. The Government Reserve, with reference to the latter part of Col. Walker's letter of the 15th November last, No 130, that no blame attaches to the D. P. W. (Engineer) in connection with the failure of the work which was executed by

the

I must quit this 2nd part of this draft which is simply a summary of Colonel Walker's fully justified of the best of officers with whom he is brought into contact. The matter of the 15th November is to my mind a very desirable & a production of a spirit. Another part of the solution of the

C-102 Jan 1870

authorities.

the Revenue (Officers) and the responsibility for the accident rests entirely with them for allowing any alteration of the design, without first consulting the Supt Engineer, and Col. Walker (also) was right in declining to authorize the advance asked for by the Collector without the previous sanction of competent authority.

W. 7/1/70

W

having he has already provided of his responsibility for an office in which the faculty of co-operating in a joint manner with the officers of other departments is an important part of it. It is perfectly obvious that the action of the Revenue Officers in this matter has not been correct but it is the fault of Col. Walker's duty to call upon the Government to ensure that this indication should not justify Col. Walker's fully mature

By J. D.
To Supt. Engr. & the
Collector, L. & A. C.
Acc. Genl.
Rev. Dept. of
Works & Buildings
24/2/70

see para 3. Col. Walker's letter.

in the Collector's office

I think that the tone of Col. Walker's communication as is unfortunately the case is often with this otherwise excellent officer, is objectionable but I at the same time think that the responsibility of the failure of the work in question undeniably rests with the Revenue authorities & that this should be stated.

It now appears that they were furnished with a plan & original estimates. This plan appears to have been mislaid & did not serve to guide either the Tahsildar who was to carry out the work or the Overseer who advised him and who prepared a revision of estimates made to suit the exigency of the work but the amount of money sanctioned. If in due course the revised estimate with an explanation had been submitted to the Supt Engineer the defect in the estimate & its preparation without the plan would have been apparent. R.E.

Cy 4815 ~~4532~~

~~Cy 922~~

Govt. of 1870 Madras.

PUBLIC WORKS.

To
The Superintending Engineer
7th Division

Further Pw of 1024 of 15-4-71

Dated

Recd.

Encl.

G. O. 31st Jan 1870, No. 372

No. 718-719

Atampully Dam Estimate
No. 1580 for the restoration
of Atampully Dam in the
Taluk of, sanctioned work
marks.