

(1) Number of pages _____

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(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	1915	Press	<i>Original</i>
B.P. No.		Mis.	
Dated	27. 7.	195	
		1876	

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
27th July 1876. No. 1,915.*

Read the following :—

No. 110-W.

No. 477.

Note by the Chief Engineer for Irrigation.

THE history of the Katumylur Anicut Project up to the middle of last year is recorded in the Proceedings of the Madras Government as per margin, in the later of which sanction to a supplemental estimate of Rupees 4,740 was given, of which 740 Rupees were to cover excess already incurred, and Rupees 4,000 were for work then to be done.

2. The District Engineer now reports that there will be a further excess of Rupees 1,060, making the total cost Rupees 18,460, and he shows that this increase is due to a larger quantity of rock having been met with than was expected, and to the great cost of its removal. Major Mead considers the rate at which the rock has been taken out unnecessarily high, and the undersigned fully agrees with him. Under proper supervision probably at least half the excess now reported would have been avoided. The work is only some 15 or 16 miles from the range head-quarters at Virdachellum, and Mr. O'Ratigan, if his health rendered him unable to look after his work, should have been required, directly it was found that this inability extended beyond a few days, to obtain a medical certificate, upon which the District Engineer would have been able to determine what arrangements were necessary for carrying on the range duties properly. The responsibility of District Engineers in such cases appears not to have been properly understood by Major Mead, and in Vizagapatam also recently an officer appears to have been allowed to remain in charge of a range long after he had ceased to be able to do his work properly.

OOTACANTOND,
22nd July 1876.

(Signed)

JOHN MULLINS, Lt.-Col., R.E.,
Chief Engineer for Irrigation.

To the Secretary to Government, Public Works Department.

From Major H. R. MEAD, R.E., District Engineer, South Arcot, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, dated Camp Peria Shevely, 7th July 1876, No. 64.

I REGRET to have to report that there will be a considerable excess on the work of the completion of the Katumylur channel owing to more rock being found than estimated for, and to the great cost of removing it.

1 Comparative Statement.

2. In G.O., No. 2,015, dated 15th July 1875, will be found the history of this work, and in it sanction was given for Rupees 4,000 to complete it; this estimate was prepared by Overseer Abdul Lateef. I believe he estimated the quantity of rock to be removed as well as he could, judging from the surface of the top of the excavation; there were however no trial pits dug, and even had there been, as the rock is very irregular. I do not think a really accurate estimate could have been prepared, as in many parts there are boulders.

3. The estimate, as far as I can find out, was not checked in detail by any officer. The item of excavation is the only one that calls for remark, and the excess is due to there being 822 cubic yards of rock in the place of 294 allowed for in the estimate. In the original estimate this was divided into two, and estimated at two rates, Rupees 1½ and Rupees 1 per yard; in the revised estimate it is divided into four rates—

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27th July 1876. No. 1,915.*

142 cubic yards executed for Rupees 358-11-2 or Rupees 2-8-5 per cubic yard.
71½ Do. do. " 66-12-0 or " 0-15-4 do.
467 cubic yards to be done at an estimated cost of Rupees 2 per cubic yard and 142 yards
at 8 Annas a yard.

I regret to say that this work has not had the attention it should have had, and the circumstances were not reported to me as soon as they should have been.

4. The work was in charge of Mr. O'Ratigan, and from the Progress Report I had reason to believe that, although it was progressing slowly, it was going on satisfactorily. I was informed personally in March that more rock than anticipated was found, but that there would be but little, if any, excess in May; however, Mr. O'Ratigan reported that the 140 cubic yards of rock estimated for had been removed; that it had cost Rupees 2½ a cubic yard; and that there was much more rock than estimated for to be blasted. It appears that this was reported to him in April, but, as he was sick, he was unable to personally inspect it, and did not report it until he had done so. I regret to say, however, that he did not send me an estimate of what was required, but only made a general report regarding it.

5. I inspected the channel on the 2nd June 1876, and found the excavation completed, except where the rock had not been removed.

6. With regard to the cost of the work done, Mr. O'Ratigan, in March, sent Supervisor Serjeant Stewart to the work, and he reports that he had a portion of the work done in his presence, and the result showed the charges were fair; as, however, I find the coolies were paid so much a hole including all charges (for gunpowder, &c.), I do think with better supervision the work might have been done for less than 2½ Rupees a cubic yard, and I have therefore, in the revised estimate, entered Rupees 2 as the rate.

7. I have, and I trust Government will approve, directed the work to be carried out in anticipation of sanction. I regret that so much time has been lost, and the present Range Officer, Soobroyachariar, has of course much difficulty in procuring labor for this special work. I trust, however, he will succeed, and be able to carry out successfully this important project.

No. 478.

ORDER THEREON, 27th July 1876, No. 1,915.

IRRIGATION, No. 51.
Account.

THE revised estimate of Rupees 18,460, being Rupees 1,060 in excess of the sanction given in G.O., 15th July 1875, No. 2,015, for the Katumylur Anicut Project, which has been in progress since July 1875 is shown to have been very unsatisfactory, and, as Mr. O'Ratigan remained in charge of the range, his inability from ill-health to look after his work cannot be accepted as an excuse for the mismanagement and waste of money which have resulted.

2 It is necessary that District Engineers and Executive Officers generally should clearly understand that they will be held responsible if they allow officers or subordinates to remain in charge of works which they are unable from ill-health to look after.

3. This sanction has been registered as No. 73-I of 1876-77, and subjoined are the usual particulars:—

Fund Ordinary.—Agricultural.

Class.—Original Works.

Name of Work.—Katumylur Anicut Project.

Amount of Estimate.—Rupees 18,460.

*Proceedings of the Madras Government, Public Works Department,
27th July 1876. No. 1,915.*

4. The expenditure of the current year will be met from the District grant for Minor New Works.

(True Extract.)

Colonel,

Offg. Under Secy. to Govt., P.W.D.

To District Engineers.

To the Collector of South Arcot.

" Examiner of Public Works Accounts.

" Chief Engineer for Irrigation.

" Revenue Department.

Exd. W. H. French.
Spare Copies

No 64

Distt Engrs Office Arcot
Camp Peria Shetty 7th July 178

From

The District Engineer
South Arcot

To
The Chief Engineer for
Irrigation

Enclosure

1 Comparative
Statement.

I regret to have to report that there will be a considerable excess on the work of the completion of the Rattomylare channel owing to more rock being found than estimated for and to the great cost of removing it.

2. In G.O. No 2015 dated 15th July 175 will be found the history of this work and in it sanction was given for Rs 4000 to complete it. This estimate was prepared by Overseer Abdul Latif. I believe he estimated the quantity of rock to be removed as well as he could judging from the surface of the top of the excavation, there were however no trial pits dug and even had there been as the rock is very irregular. I do not think a really accurate estimate could have been prepared as in many parts there are boulders.

3. The estimate was as far as I could find out was not checked in detail by any

any Officer. The item of excavation is the only one that calls for remarks and the excess is due to there being 822 cys of Rock in the place of ~~estimated~~ 294 allowed for in the estimate. In the original estimate this was divided into 2 and estimated at 2 rates $\$1\frac{1}{2}$ and $\$1$ per yard, in the revised estimate it is divided into 4 rates:

142 cys executed for $\$358.11.2$ or $\$2.8.5$ per cy

717 ~~do~~ $\$16.12.0$ or $\$15.4$ ~~do~~

467 cys to be done at an estimated cost of $\$2$ per cy. and 142 cys at 8 annas a yard.

I regret to say that this work has not had the attention it should have had and the circumstances were not reported to me as soon as they should have been.

4. The work was in charge of Mr. O'Ratigan and from the Progress Report I had reason to believe that although it was progressing slowly it was going on satisfactorily. I was informed personally in March that more rock than anticipated was found, but that there would be but little if any excess, in May however Mr. O'Ratigan reported that the ~~rock~~ of rock estimated for had been removed that it had cost $\$2$ a cy and that

there was much more rock than estimated for to be blasted; it appears that this was reported to him in April but as he was sick he was unable to personally inspect it and did not report it until he had done so. I regret to say however that he did not send me an estimate of what was required, but only made a general report regarding it.

5. I inspected the channel on the 2^d June 176 and found the excavation completed except where the rock had not been removed.

6. With regard to the cost of the work done, Mr. O'Ratigan in March sent Supervisor Sergeant Stewart to the work and he reports that he had a portion of the work done in his presence and the result showed the charges were fair, as however I find the coolies were paid so much a hole including all charges (for gunpowder &c) I do think with better supervision the work might have been done for less than $\$2\frac{1}{2}$ $\$2$ per cy, and I have therefore in the revised estimate entered $\$2$ as the rate.

I have, and I trust Government will approve, directed the work to be carried out in anticipation of sanction. I

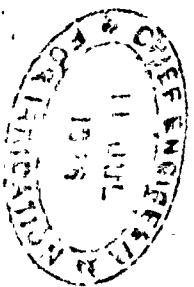
I regret that so much time has been lost and the present Range Officer - Subbrigadier has of course much difficulty in procuring labour for this special work. I trust however he will succeed and be able to carry out successfully this important project.

I have the honour to be Sir

Your most obedient servant

M. M. D. — Major R. E.
District Engineer

P. 4. 5. 31/7/76



From the District Engineer
South coast

Date 7 July 1876
Recd.

At the same time I am sending you the statement of the cost amount to quoted for the completion of the — and stating that the work has been ordered to be executed with an understanding of the

OFFICE OF CHIEF ENGINEER FOR IRRIGATION,

Colacumund

Port St. George, 22 July 1876

11/7/76 - W

Note by the Chief Engineer for Irrigation.

Enclos. 2

No. 3143. 5 Nov. 1874
" 2016. 15 July 1875

The history of the Katunigylur amount project up to the middle of last year is recorded in the P. M. G. as per margin, in the letter of which sanction to a supplemental estimate of Rspees 4,740 was given of which 740 Rspees were to cover excess already incurred, and Rspees 4,000 were for work then to be done.

2. The District Engineer now reports that there will be a further excess of Rspees 1060 making the total cost Rspees 18,460, and he shows that this increase is due to a larger quantity of rock having been met with than was expected, and to the great cost of its removal. Major Head considers the rate at which the rock has been taken out unnecessarily high, and the undersigned fully agrees

P.O. 15 July 75 No 2015
5 Nov 74 8143
23 Jan 72 - 212
Oct 68 - 3087

P. W. 1876 Department

Form No. 18.

with ch to

-80 5 H 36

From

The Chief Engineer for Irrigation,

To

The Secretary to Government,
Public Works Department.

Dated 22nd July
Despatched
Received 31st July 1876.

ENCLOSURES 2 1/2

No. 110. W

Subject.

Katunghur Amient project
South Arcat. Note regarding
the excess amount required
for the completion of the-

No. 1915.

P.W. Dept.

Proceedings of the Madras Government
Under date 28th July 76.
Read the following:-

Note by the Chief Engineer for Irrigation.
No. 110. H, dated 22nd July 1876.

The revised estimate
of Rupees 18,460 being
Rupees 1060 in excess of
the sanction given in
G.O. 15th July 1875, No 2015,
for the Katunghur Amient
project is sanctioned. The
management of the work
which has been in pro-
gress since July 1875 is
shown to have been very
unsatisfactory, and as
Mr. P. Ratigan is retained
in charge of the Range
his mobility from ill

No. 1277

Cii - 25.7.76
H. Sherr 44 July

2. It is necessary that District Engineers and Executive Officers generally should clearly understand that they will be held responsible if they allow officers or subordinates to remain in charge of works which they are unable from ill health to look after.

4. Second Ordinary Agricultural
 Class - Original Work.
 Name of Work - Katurmylu
 - ancient Project
 Amount of Estimate Rs 18,460

44. 24/7

St. Louis
Collector S. Angelo
Ex R. W. G. H. L. L.
C. E. P. H. L. L.
Rec'd Sept 17

181

Sept - 11-8-96

Rec'd 17

5436

Cont. of 1876

PUBLIC WORKS.

The Engineers

Recd. to: from the

1-8-76

27 July 1915

4-7-78

Continued 17-8-78

Katumaylus Ancient
Project - Pontic Crest S.

The revised Estimate
for the — owned & the
S. Sup. & Executives
Officers informed that they
will be held responsible if
they allow Officers or subordinates
to remain in charge of work
while they are unable from ill
health to look after