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*Proceedings of the Madras Government, Public Works Department,
9th April 1875.*

No. 188. Read the following endorsement of the Chief Engineer for Irrigation, dated East Coast Canal, 18th March 1875, No. 302:—

From G. S. SAGE, Esq., District Engineer, South Arcot, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, dated Cuddalore, 16th December 1874, No. 196.

With reference to your memorandum, No. 585-B, of 4th September 1873, I have the honor to observe that the submission or investigation of the several projects alluded to in the List of Unanswered References, referred to in G. O., No. 133, of 22nd August 1873, has been suspended by G. O., No. 3,441, of 7th instant.

2. As, however, the information called for by you has been only lately received from ranges, I now submit it in order that your requisition may be omitted from my future lists of Unanswered References, and that the projects may be dealt with by you in the order they are entered when time for taking them on hand comes:—

First.—Villapuram and Kolianur Channel Improvement.—For this project surveys and levels have been made, but they have not been checked. It is necessary to check levels and take a few more lines. For these and for the preparation of the requisite estimates, &c., a Surveyor at 60 Rupees, a Draughtsman at Rupees 40, and four Lascars at Rupees 6 each are required for two months; or a sum of Rupees 248 is still required for completion and submission of this project.

The outlay already incurred on account of the investigation of the project is Rupees 1,453-5-7.

Second.—Keenanoor Extension Project.—For the extension of this project, for which several applications have been made, surveys and levels are said to have been taken by the late Superintendent of the Mehmathur Anicut. A great deal more has to be done to complete this, and many more old channels have to be surveyed and levelled; what has been done is not reliable; no bench-marks anywhere, and the work cannot consequently be properly checked; in fact the project will have to be gone over again. For this it is considered that a Surveyor for four months at 60 Rupees per month with a Draughtsman at Rupees 40 and four lascars at Rupees 6 each for the same period is necessary, or in all Rupees 496 are required for completing this project. Rupees 50-7-8 have been spent already.

Third.—Athur Anicut Project.—The state of this project has been already noticed in G. O., No. 2,380, of 29th September 1873, and an establishment sanctioned for its investigation, which cannot be now undertaken owing to press of other more important works.

Fourth.—Reddicoopum Anicut Project.—All levels and surveys have been taken, and estimates, &c., also prepared, but the levels have not been checked, and it is believed they are wrong to a great extent, and the whole project will have to be gone into afresh. For this a Surveyor for three months at Rupees 60 with a Draughtsman at Rupees 40 and four lascars at Rupees 6 each for the same period is considered necessary, or in all a sum of Rupees 372. A sum of Rupees 770-3-4 has been already spent for the investigation of this project.

Fifth.—Pullagacherry Project.—The state of this project was already reported, and the completion of its investigation sanctioned in G. O., No. 2,416, of 2nd

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9th April 1875.*

October 1873. One Surveyor, Mr. Seeluna, was employed under Supervisor Mr. Hicken for completing this project; he has not done his work according to the instructions of the late Acting District Engineer, and he, leaving it in a very incomplete and unsatisfactory state, absconded from the district. The establishment sanctioned in the Government Order will therefore be again required. The outlay already incurred on this project is Rupees 1,496-0-9.

Sixth.—Yanthai Project.—Plans, surveys, and levels are in an incomplete shape; the levels have not in any case been checked. For completing this project a Surveyor for three months with a Draughtsman and four lascars, or an establishment at a cost of Rupees 372, is considered necessary. No outlay appears to have been incurred for the project, but the present Range Officer, Mr. Norfor, states that he is told that his predecessor Mr. Bell paid the Surveyor from Irrigation estimates.

3. Neither myself nor the Range Officers can at present find time to supervise the preparation of any of the projects abovenamed.

4. The present Range Officer's special attention has been drawn to the early submission of the storage project of the Pelandorai Anicut, and it will be submitted when received.

5. I append to this a statement showing the period and amount required for completing each project.

Name of Project.	Period required for completion.	Amount required for completion.	Outlay already required.
		RS.	RS. A. P.
Villapuram and Kolianur Channel	2 months	248	1,453 5 7
Keenanoor Extension Project... ..	4 „	496	50 7 8
Athur Anicut do.	3 „	222	
Reddicooopum do.	3 „	372	770 3 4
Pullagacherry do.	4 „	340	1,496 9 0
Yanthai do.	3 „	372	
		2,050	3,770 9 7

(Signed) G. S. SAGE,
District Engineer.

SUBMITTED to Government in connection with G. O., 7th December 1874, No. 3,441. A good deal of time and money has been wasted on a desultory system of investigating projects in South Arcot, and when the time comes for taking up again those which have been partially examined into it will be desirable to go on with them one by one until completed. The Villanur channel improvement, and the Keenanoor Anicut Extension Project, being intended to make existing works more useful and efficient, should be completed as soon as the District Engineer can manage to superintend the investigations. All entirely new projects, such as the Athur Anicut, may be postponed until some future time without inconvenience.

(Signed) JOHN MULLINS, Lieut.-Colonel, R.E.,
Chief Engineer for Irrigation.

*Proceedings of the Madras Government, Public Works Department,
9th April 1875.*

No. 189.

ORDER THEREON, 9th April 1875, No. 944.

IRRIGATION, No. 23.

ORDERED to be recorded.

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,
Secretary to Government.

To the District Engineer, South Arcot.
„ Chief Engineer for Irrigation.
„ Revenue Department.

Exd. S. T. Austin.

Spare Copies

No 196

50 71
Dist. Engineer's Office S. Arcot.
Cuddalore 11th December 1874

From

The District Engineer,
South Arcot.

To

The Chief Engineer,
For Irrigation.

Sir,

With reference to your memorandum No 585 B of 4th September 1873, I have the honor to observe that the submission or investigation of the several projects alluded to in the list of Unanswered References, referred to in G.O. No 133 of 22nd August 1873 has been suspended by G.O. No 3441 of 7th Instant.

2. As however the information called for by you has been only lately received from Pranges, I now submit it in order that your requisition may be omitted from my future lists of Unanswered References, and that the projects may be dealt with by you in the order they are entered when time for taking them on hand comes.

1st

756 Villupuram and Kolianur
Channel Improvement. For this
project surveys and levels have been
made, but they have not been
checked. It is necessary to check
levels and take a few more lines.
For these and for the preparation of
the requisite estimates ~~see~~ a Surveyor
at 60 Rs, a draughtsman at Rs. 40 and
4 Lascars at Rs. 6 each are required
for 2 months; or a sum of Rs. 248 is still
required for completion and submission
of this project.

The outlay already incurred
on account of the investigation of the
project is Rupees 1453-5-7.

2nd Keenaroor Extension project.
For the extension of this project for which
several applications have been made,
surveys and levels are said to have
been taken by the late Superintendent
of the ^{Meliamathur} Ancient. A great deal more
has to be done to complete this, and
many more old channels have
to be surveyed and levelled; what
has been done is not reliable; no

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no Bench marks any where and the
work cannot consequently be properly
checked, in fact the project will have
to be gone over again. For this, it is
considered that a Surveyor for 4
months at 60 Rupees per month with
a Draughtsman at Rupees 40 and 4
Lascars at Rs. 6 each for the same
period is necessary - or in all Rs. 496
are required for completing this project.
Rs. 50-7-8 have been spent already.

3rd Athur Ancient Project.
The state of this project has been
already noticed in G. O. No 2380 of
29th September 1873 and an Establishment
sanctioned for its investigation, which
cannot be now undertaken owing
to press of other more important works.

4th Reddicopam Ancient Project.
All levels and surveys have been
taken and estimates ~~see~~ also prepared,
but the levels have not been checked
and it is believed they are wrong
to a great extent and the whole
project will have to be gone into
afresh. For this a Surveyor for 3 months

at Rs. 60 with a Draughtsman at Rs. 40 and 4 Lascars at Rs. 6 each for the same period is considered necessary, or in all a sum of Rs. 372. A sum of Rs. 770-3-4 has been already spent for the investigation of this project.

5th. Pullagacherry Project. - The state of this project was already reported and the completion of its investigation sanctioned in G. O. No 2416 of 2nd October 1873. One Surveyor Mr. Seeluna was employed under Supervisor Mr. Hicken for completing this project, he has not done his work according to the instructions of the late Actg. District Engineer, and he, leaving it in a very incomplete and unsatisfactory state, absconded from the District. The Establishment sanctioned in the G. O. will therefore be again required. The outlay already incurred on this project is Rs. 1496-0-9

6th. Yanthul Project. - Plans, surveys and levels are in an incomplete shape; the levels have not in any case been checked. For

90 3
Completing this project a surveyor for 3 months with a Draughtsman and 4 Lascars, or an Establishment at a cost of Rupees 372 is considered necessary. No outlay appears to have been incurred for the project, but the present Range Officer ^{Mr. Hicken} states that he is told that his predecessor Mr. Bell paid the surveyor from Irrigation Estimates.

3. Neither myself nor the Range Officers can at present find time to supervise the preparation of any of the projects above named.

4. The present Range Officers' special attention has been drawn to the early submission of the Storage project of the Pelandorai Amicut and it will be submitted when received.

5. I append to this a statement shewing the period & amount required for completing each project.

I have the honor to be
Sir,

Your most obedt servant.

W. H. H.

District Engineer

P.T.O.

Name of Project	Period required for completion	Amount required for completion	Outlay already incurred
Villupuram and Kilianur channel	2 months	248	1453-57
Kecanur extension project	4-do.	496	50-7-8
Attur Ancient-do	3-do.	222	—
Reddikoppam — do	3-do.	372	770-3-4
Pallagacherry — do	4-do.	340	1496-9-0
Yanthol — do	3-do.	372	—
		2050	3770-9-7

[Signature]
District Engineer

To the Secy of the Co 302
of 18th March 75-

Box No 2393
Humboldt Co

District Engineer
To South Street
The Chief Engineer
Irrigation
D. D.

Dated 16th
 Recd 19th Decr 1874
 No. 106

Reporting the pro-
gress made in the
investigation of Irrig-
ation Projects in
the South West Dis-
trict.
96-1966-4 April 75
in B-1
Mr 1961/25

N^o 302

Submitted to Government in connection with G. O. 7th December 1874 No 3441. -

A good deal of time and money has been wasted on a desultory system of investigating projects in South Arcot, and when the time comes for taking up again those which have been partially examined into, it will be desirable to go on with them one by one until completed. The Villanur channel improvement, and the Keenansoor Anicut extension project, being ^{intended to} ~~required only for~~ make existing works more useful and efficient, should be completed as soon as the District Engineer can manage to superintend the investigations. All entirely new projects, such as the Athur Anicut, may be postponed until some future time without inconvenience. -

East Coast Canal
18th March 1875.

To The Secretary to Government Chief Engineer for Irrigation
P. W. D. Lieut. Col. R.

J. H. De Parthe

Proceedings of the Madras Court.
Read the following
from.

The Chief Engineer
for Irrigation } (H.E. No. 302 of 18th March 1875)
944

Ordered to be recorded.

[Signature]

To the Dist. Insp. South Arcot ✓
- Chief Eng. for Irrigation ✓
- Revenue Dept. ✓
Dated - 10-4-75

11
21
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Q.D. 7. Dec/74 No 3441
" 20 Dec/73 " 2416
" 25 June/ " " 1652
" 14 May/72 " 1279

B. W. 1875 Seph.
No 302 No 1961

From
The Chief Engineer
for Irrigation
To Mr. Secretary & Govt.
P.W.D.

Dated 18th Decr 1875 }
No 23 } March 1875
Recd. 24.

Enclosure 11.

Submits for consideration
from the report of the
Dist. Insp. South Arcot
on the investigation of
irrigation prospects in
his District.
S. J. No 944.9.4.75

14/188

1961
Govt. of Madras.
PUBLIC WORKS.

To
Mr. Eymour
South Arcot.

Dated

Recd.

Encl.

G. O., 9 April 1875, No.

944

Dec. 188. 189.

Irrigation Projects in the
South Arcot Dist. - Report
submitted by the Chief
Engr. for Irrig. on the
progress made in the
investigation of —, &c.

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21
16
48