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(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.**Government of Madras.***Public works* **DEPARTMENT.**

G.O. No. <u>2-374</u>	Press Mis.
<u>19/10</u>	
Dated <u>1-10-1870.</u>	

Not to be folded or roughly handled

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*Proceedings of the Madras Government, Public Works Department,
1st October 1870.*

No. 19. Read the following letter from the Superintending Engineer in charge of 4th Division, to the Acting Chief Engineer for Irrigation, dated Madras, 26th August 1870, No. 2,181 :—

I HAVE the honour to send on, for your consideration, the plans, specification, and estimate, amounting to 9,900 Rupees, for re-opening the Seeshamungalam tank channel in the Arnee Jaghire, Polur Talook, North Arcot District. This letter is accompanied by four plans and the eight documents as per margin.

- 1 Letter from Captain Hasted.
- 1 Ayacut Statement.
- 1 Specification.
- 1 Estimate.
- 1 Letter from Collector.
- 1 Translation of Jaghiredar's khat.
- 1 Memorandum by Superintending Engineer.
- 1 Letter from Mr. Assistant Engineer Bevan.

2. The Jaghiredar opposes the work, as the channel passes through a portion of his land; but I do not consider his objections tenable, and both the Revenue and Public Works Officers have long thought this a desirable project for execution.

3. There are no reliable registers of the water from the Seeaur River beyond the return taken last season, but Captain Hasted's and Mr. Bevan's reports would show that at any rate there is sufficient surplus water available for the small amount of land embraced in this project.

4. On my last visit to Arnee Captain Hasted pointed out to me the old course of the channel and the Seeshamungalam tank, and the project appeared perfectly feasible, there being no difficulty in the way. I would, however, add an item of 600 Rupees to the estimate as compensation for land, as the channel for three-quarters of a mile will run through the rice lands of the Jaghiredar.

5. Captain Hasted calculates a return, from 250 acres of nunjah at $4\frac{3}{4}$ Rupees per acre, of Rupees 1,187, or 12 per cent., on the amount of his estimate Rupees 9,300. I believe that this financial result may be expected from the proposed outlay on the project, because the ayacut and revenue statement shows that in the best of five seasons there were still 127 acres of nunjah ayacut, 87 acres of punjah, and 118 acres of waste land still remaining uncultivated. The ayacut of the land under the Seeshamungalam tank, moreover, gives the assessment as 6 and not $4\frac{3}{4}$ Rupees per acre.

No. 20. ORDER THEREON, 1st October 1870, No. 2,374.

IRRIGATION, No. 4.

WITH his letter of the 26th August 1870, the Superintending Engineer of the 4th Division transmits an estimate of Ru-

pees 9,900, for restoring the channel from the Seeaur to the Seeshamungalam tank in the Wandiwash Talook of the North Arcot District.

2. It appears that in 1866 an estimate was prepared for a similar work, and was approved of by the Collector and Superintending Engineer, but, in consequence of the opposition of the Arnee Jaghiredar, through whose lands the channel would pass, the submission of the project to Government was delayed, and the direction of the channel near its proposed head has been changed, in order to interfere as little as possible with the Mooyumpoody tank, and the cultivation under it. It is reported that the Pymash accounts show that a channel from the

Proceedings of the Madras Government, Public Works Department,
1st October 1870.

river formerly existed, and that this channel, except through the nunjah lands under the Mooyumpoody tank, is still easily traceable.

3. The ayacut area and assessment under the Seeshamungalam tank, are acres 889 and Rupees 5,269, and the average cultivation and revenue of the five years, 1863 to 1867, were acres 630 and Rupees 4,436. The difference is 229 acres and Rupees 833, and probably the revenue would be somewhat more, as the collections appear to include assessment for second crop. There are also 87 acres of dry land, and 118 acres of waste, which are likely to be irrigated if the water supply be increased.

4. The capacity of the tank is stated to be 3½ millions of cubic yards or about sufficient for 500 acres, and it would seem therefore that its supply is even now fairly good, as it must not only fill, but also thereafter receive additional water in order to be capable of irrigating the 630 acres of actual cultivation.

5. It may be anticipated that the re-opening of the river channel would add materially to the security of the present average area of cultivation, and also admit of a considerable extension of irrigation, and the returns would probably amount to between 1,200 and 1,400 Rupees, or 12 to 14 per cent. on the amount of the estimate. Under these circumstances, the project is one which His Excellency the Governor in Council thinks that it will be desirable to carry out, and it is accordingly sanctioned for entry in the Budget of 1871-72. Before however the work can be allowed to be proceeded with, it will be necessary that the circumstances connected with the old channel should be enquired into, the ground which this occupied ascertained, and the compensation to be paid to the Jaghiredar for carrying the new channel through nunjah cultivation belonging to him settled, and the papers connected with this project will therefore be transferred to the Revenue Department with a view to the necessary enquiries being made. It will be observed that the estimate contains an item, Rupees 600, for land compensation.

(True Extract.)

Colonel, R.E.,

Secretary to Government.

To the Acting Chief Engineer for Irrigation.
" Superintending Engineer, 4th Division.
" Controller of Public Works Accounts.
" Revenue Department.

Ed. S. T. Augustin.

No 2181. Supg Engineer Office 4 Division
Madras 26 August 1870.

From

Lieut Colonel J. Dean R.E.
Superintending Engineer
in charge of 4 Division

To

Major J. Mullins R.E.
Acting Chief Engineer for
Irrigation

Enclosures 12

Sir, I have the honor to send on for your consideration the plans specification and estimate amounting to 9,900 Rupees for re-opening the Seeshamungalam Tank for re-opening the Arnee Jaghirdar Solur channel in the Arnee Jaghirdar Solur Taluq North Arcot District. This letter is accompanied by 4 plans and the 8 documents as per margin.

- 1 Letter from Captain Hastid
- 1 Ayacut Statement
- 1 Specification
- 1 Estimate
- 1 Letter from Collector
- 1 Translation of Jaghirdar's statement
- 1 Memo by Supg Engineer
- 1 Letter from Mr. [unclear]

2 The Jaghirdar opposes the work, as the channel passes through a portion of his land, but I do not consider his objections tenable, and both the Revenue and Public Work Offices have long thought this a desirable project for execution.

There

3 There are no reliable registers of the water from the Secaur river beyond the return taken last season, but Captain Hasted's and Mr. Piran's reports would show that at any rate there is sufficient surplus water available for the small amount of land embraced in this project.

4 On my last visit to Arnee Captain Hasted pointed out to me the old course of the channel and the Seeshamingalum tank and the project appeared perfectly feasible there being no difficulty in the way. I would however add an item of 600 Rupees to the estimate as compensation for land as the channel for three quarters of a mile will run through the rice lands of the Jaghirdar.

5 Captain Hasted calculates a return from 250 acres of mungah at $4\frac{3}{4}$ Rupees per acre, of Rupees 1187 or 12 per cent on the amount of his estimate Rupees 9,300. I believe

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that this financial result may be expected from the proposed outlay on the project, because the Ayacut and Revenue statement shows that in the best of 5 seasons there were still 127 acres of mungah ayacut, 87 acres of poorjah, and 118 acres of waste land, still remaining uncultivated. The Ayacut of the land under the Seeshamingalum tank moreover gives the assessment as 6 and not $4\frac{3}{4}$ Rupees per acre.

I have the honor to be
Sir

Your most obedient servant

W. H. C. L. S. G. M. B.
S. G. P. G. M. B. C. H. S.

2374 Engr. C. W. D.
 Proceedings of the Madras Govt
 under date the 1st Decr/70
 No 2374 Read the following

From

The Supr Engr } (H. E. No 2181 of 26th Aug/70)
 Lt. Col.

With his letter of the
 26th August 1870 the Su-
 perintending Engineer 4th
 Division transmits an
 estimate, Rs 9,900, for
 restoring the Channel from
 the Seaur to the Deshamun-
 galum Tank, in the
 Handiwash Talook of the
 North Arcot District.

2. It appears that in
 1866 an estimate was pre-
 pared for a similar work
 and was approved of by the

11/18/70 Recd
 Mr. H. G. D. Engr

From No 3762

The Supr Engineer
 in charge of the

of the Supr Engineer
 for irrigation

26th Aug 1870

No 2374-1st Decr/70

Obtained for consideration
 the plan, specification and
 estimate amounting to Rs 9900
 for repairing the desamungalum
 tank channel in the Arise
 Handiwash Talook of the
 North Arcot District &
 accompanied by 4 plans
 and 8 documents.

No 2374-1st Decr/70

2374

Collector and Superintending
Engineer, but in consequence
of the opposition of the Amu
Jagherdar, through whose
lands the channel would
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for 2^d crop. There are also
87 acres of dry lands and
118 acres of waste, which
are likely to be irrigated,
if the water supply be in-
creased.

4. The Capacity of
the Tank is stated to be $3\frac{3}{4}$
millions of cubic yards or

about sufficient for 500 Acres,
and it would seem therefore
that its supply is even now
fairly good; as it must
not only fill, but also
thereafter receive additional
water in order to be capable
of irrigating the 650 acres of
actual Cultivation.

5. It may be an-
-ticipated that the reopening
of the river channel would
add materially to the security
of the present average area
of Cultivation, and also
admit of a considerable
extension of irrigation, and
the returns would probably
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circumstances, the project
is one which the Excellency
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sanctioned for entry in the
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however the work can be
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tained, and the compen-
sation to be paid to the
Jagherdar for carrying
the new Channel through
munsif's Cultivation be-
-longing to him settled,
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with this project will therefore
be transferred to the Revenue
Department with a view
to the necessary inquiries
being made. It will be
observed that the estimate
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for land compensation.

14/9/70

Adl

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- To
 - 3 The Chief Engr for Irrigation
 - 9 S. Engrs
 - 5 Controller
 - 2 Rev - Dept of Public Works
- Chief Secy to Govt*

Ch 3762

It. of 1870: 311 dcs.
PUBLIC WORKS.

The Asst Chief Engineer
for Irrigation

Dated

Exd.

Recd.

G. O., 1st Dec 1870, No. 2376

Nos. 19910

Channel. The estimate of
\$9,000 for reclaiming the
channel from the Secaur
to the Seeshamungalum
tank in the North Arcot
District, sanctioned with
remarks.

on 1st Dec 1870

indented