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MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No.	156	Press
B.P. No.		Mis.
Dated	19-1-195	

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
19th January 1875.*

Read the following papers :—

No. 325: Endorsement of the Acting Chief Secretary, dated Ootacamund, 18th August 1874.

Proceedings of the Board of Revenue, dated 8th August 1874, No. 2,148.

From J. H. GARSTIN, Esq., President of the Local Fund Boards, South Arcot District, to J. GROSE, Esq., Secretary to the Board of Revenue, dated Cuddalore, 28th July 1874, No. 66.

I HAVE the honor to submit, for the sanction of the Board of Revenue, an estimate (to be returned), accompanied by a plan for constructing two groynes on the right bank of the Vellaur river, near Muttalur, at a cost of Rupees 720 each.

2. The District Engineer says that the village of Muttalur is in great danger, and the proposed groynes are urgently needed.

3. The Virdachellum Local Fund Board, while passing the estimate, are of opinion that the cost should properly be a charge on Imperial or Provincial Funds, and, pending the decision of this question by Government, an allotment of the required amount has been made in the supplemental Budget of the Circle for the current year.

4. I request that early orders may be passed on the subject.

5. A copy of the Local Fund Board's Resolution passing the estimate is enclosed.

ENCLOSURE No. 1.—Estimate.

ENCLOSURES Nos. 2 and 3.—Plans.

ENCLOSURE No. 4.—Extract from Proceedings of Local Fund Board.

SUBMITTED for the orders of Government.

2. Two groynes are required in the Vellaur river to protect the village of Muttalur, and the estimated cost is Rupees 1,440 for the two.

3. The Board agree with the Local Fund Board that the work, though necessary, is not one which they should be called upon to pay for, and resolve to recommend Government to undertake it.

(A true Copy and Extract.)

(Signed) J. GROSE,
Secretary.

TRANSFERRED to the Public Works Department for consideration and disposal.

(Signed) D. F. CARMICHAEL,
Acting Chief Secretary.

Proceedings of the Madras Government, Public Works Department,
19th January 1875.

No. 325A. From G. S. SAGE, Esq., District Engineer, South Arcot, to Colonel G. W. WALKER, R.E., Chief Engineer, Public Works Department, dated Camp at Cuddalore, 22nd December 1874, No. 193.

With reference to your Memorandum, No. 675, of 1st September last, I have the honor to submit a fresh survey and levels of the Vellaur river, which I think you will find correct.

1 Survey and levels per banghy.
1 Estimate and Specification.

2. I am unable to show the supposed encroachments made by river during the last few years, but from the appearance of the survey from what I have seen, and from the statement of the present Range Officer, Mr. Norfor, who knows the place well, and who states that very little damage has been done during last eight years, the old groyne put in 1866 though very short has silted up, and I think the two groynes now suggested will meet all requirements.

3. It is proposed to construct the groynes of the debris of the old bridge so that nothing but labor is required. Stone is very expensive having so much carriage, and earthen groynes so liable to be washed away unless heavily protected by horses, etc., and these are very expensive.

No. 326.

ORDER THEREON, 19th January 1875, No. 156.

CIVIL WORKS, No. 19.

THE statement now made by the District Engineer on the authority of the Range Officer that very little damage has been done during the past eight years, is apparently inconsistent with his statement as quoted in the Collector's letter, recorded with Proceedings of the Board of Revenue, No. 2,148, of 8th August, that the village of Muttalur is in great danger and groynes urgently required. And as the survey now submitted bears out the former statement, and the District Engineer does not seem to have thought the matter worth personal inquiry by him, His Excellency the Governor in Council is not of opinion that the work is one of any emergency. He declines therefore to sanction the estimate, reduced though it is from Rupees 1,440 to Rupees 230, by using the materials of the Muttalur bridge.

(True Extract.)

Colonel, R.E.,

Secretary to Government.

To the District Engineer, South Arcot.
.. Controller of Public Works Accounts.
.. Financial Department.

Exd. T. O'Connor.
Spare Copies

N.3 Range South Arcot Dist. Chellambaram Taluk.
Miscellaneous Public Improvements New Work Rs.

Abstract Estimate of 1874-75.

For R. Constructing two groynes across the River Vellaur near the Village of Muttalur.

Remarks. This work is very necessary and should be undertaken at once as the village of Muttalur is threatened with total destruction from the encroachment made by the River during the past few years.

Estimate by whom called for. By Dist. Engineer
Estimate by whom prepared. By Mr. J. A. McKee
Date of inspection of work by Range Officer. 27th March/74.

Quantity.	Description of work.	Rate or Amount.	Total
2054	Cu Yds of Earth work	1 Cu Yd 128 6	
214	Ds of Paddle walk	5 " 67 3	
666	Sq Yds of Manual Mudditharany	6 Sq Yd 249 12	
237	Cu Yds of Manual rollers	8 Cu Yd 118 8	563 13
	Carried Over		563 13

Brought Over

563 13 -

31 Palmarah Horses with Sumbas legs, Bamboos Mats &c Complete	4 8" each	139 8" 139 8"
Sundries at 2 1/2 per cent		16 11
Total Estimate Rupees		720 -
D ^o for another Vagany		720 -
Grand Total Estimate Rupees		1440 -

N^o 3 Range Office
South West
20th April 1874

Signed J. A. McKim
Range Officer

McKim
J. A. McKim
J. A. McKim

J. H. Gault
President L. S. Board

Brought Over

South Arcot Dist.

Recd in letter No 68
22nd July 1874

Abstract Estimate
for Constructing 2 groynes
across the River Vellaur
near the Village of
Muttalur.

July 1874

Amount of Estimate Rs. 1440
No. 5183A/74

No. 2,148.

PROCEEDINGS OF THE BOARD OF REVENUE, dated 8th August 1874.

Read the following letter from J. H. GARSTIN, Esq., President of the Local Fund Boards, South Arcot District, to J. GROSE, Esq., Secretary to the Board of Revenue, dated Cuddalore, 28th July 1874, No. 66 :—

I HAVE the honor to submit, for the sanction of the Board of Revenue, an estimate (to be returned), accompanied by a plan for constructing two groynes on the right bank of the Vellaur River, near Muttalur, at a cost of Rupees 720 each.

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3. The Virdachellum Local Fund Board, while passing the estimate, are of opinion that the cost should properly be a charge on Imperial or Provincial Funds, and, pending the decision of this question by Government, an allotment of the required amount has been made in the supplemental Budget of the Circle for the current year.

4. I request that early orders may be passed on the subject.

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ENCLOSURE No. 1.—Estimate.

ENCLOSURES Nos. 2 and 3.—Plans.

ENCLOSURE No. 4.—Extract from Proceedings of Local Fund Board.

SUBMITTED for the orders of Government.

2. Two groynes are required in the Vellaur River to protect the village of Muttalur, and the estimated cost is Rupees 1,440 for the two.

3. The Board agree with the Local Fund Board that the work, though necessary, is not one which they should be called upon to pay for, and resolve to recommend Government to undertake it.

(A true Copy and Extract.)

J. Grose
Secretary.

To the Acting Chief Secretary to Government, Financial Department,
the President of the Local Fund Boards, South Arcot District,
the District Engineer, South Arcot.
with three enclosures.

Ed. A. Grubert.

211,9.07

Thamby

My Chief Permitting

AUGUST.
No. 2, 148.

Received. 18. August 1794.

1/10/88

Enact

Sept 14 Aug 11/74

PROCEEDINGS, 8TH AUGUST 1874, No. 2, 148.

Board of Directors

MADRAS.

6414

March 1874. Denmark.

81-276

The
 18
 21

[The page contains faint, illegible handwritten notes.]

37

Dist. Engineer

P. W. 1874 Dept.
 P.W. for Camp
 No: 5189A

From

The Ag. Chief Secy:

Dated 18 Aug 1874.
 Recd. 19 - - - 1874.

E. 2

Transferring
 P.W. of the Board of
 Rev. submitting a
 plan & estimate for the
 construction of groynes
 in the Vellaur river
 for the protection of
 the village of Muttalur
 in the South Arcot
 District
 G.O-156-19-1-75

No 325

South Arcot District
 No 3 or Vindachellum Range
 Detailed Estimate of 1874-75
 New Work
 Estimate for Constructing two groynes on the
 South Bank of the Vellaur river opposite the village of Muttalur

No of Items	Particulars of Measurement	Area	Mean Length	Contents
1				
2	$\frac{23+3}{2} \times 10.00$	130.00	65.00 10	650.00
3	$\frac{21.46+3}{2} \times 9.23$	112.88	121.44 40	4857.60
4	$\frac{9+3}{2} \times 3.00$	18.00	65.44 50	3272.00
end			9.00 3	27.00
Total cut feet				8806.60
Cut yards				326.17
Say Cut yards				326

Abstract

Quantity	Detail of Work	Rate	Per	Amount	Total
326	Cut of Vellaur Bridge debris inclusive of carrying & packing	56	cents	1121	-
	Supervisors & sundries	2	cent	215	-
Total Rupees					115
do for another					115
Total amount of Estimate Rs					230

Camp Buddalur
 22 December 1874

Chellap
 Dist. Engineer

3. Specification Report to accompany
the Estimate for the construction of the 2
Groynes on the south bank of the Vellam
River at Muthoor in Chittambaram.



Taluk of the South Arcot District

1. Amount of estimate for 2 groynes Rs. 230

2. This estimate provides for the con-
-struction of 2 groynes to be carried out at
an angle of 45° from off the south bank
at the places indicated in the Survey sheet. The
groynes will be 100 ft. in length and to start from
3 ft. below top of bank, the nose of Groyne termina-
-ting with a top level of 3 ft. above bed of river, top
width of groyne to be 3 ft. with slopes on either
side 1 to 1. The groynes to consist of the debris of
the ruined bridge, to be thrown in on line of
Groyne which is in the first instance to be
staked out with Baulkers which should show
above water line as the River is tidal here &
there is always from 5 to 6 ft. of water. The
Debris will be thrown in until the groyne reaches
such a height as to enable the workmen to
carefully pack the debris, as far as possible the
portion of groyne below water level will also
be packed taking advantage of low tides.

Dist Engr's Office S. Arcot
Camp. Cuddalore
22^d December 1874

District Engineer

Camp *Uddalur*
Dated *22nd December* 1874.W.
ARCOOT.No. *198*

From

The District Engineer,

South Arcot.

To

The

Chief Engineer D.P.W.

Enclosures.

1. Survey & levels
1. Estimate & specification

Sir,

With reference to your Memo No. 675 of 1st September last, I have the honor to submit a fresh Survey and levels of the Vellur River, which I think you will find correct.

2 — I am unable to show the supposed encroachments made by river during the last few years, but from the appearance of the survey from what I have seen and from the statement of the present Range officer, Mr. Votfor, who knows the place well, and who states that very little damage has been done during last 8 years: the old groyne put in 1866 though very short has tilted up and I think the 2 groynes now suggested will meet all requirements.

3 — It is proposed to construct the groynes of the debris of the old bridge so that

*South Arcot District**Williamson Esq.**Detailed Estimate 19/10/74**Estimate of Works**Report on the construction**of 2 groynes on the south**bank of the Vellur river**at station 1000**by Mr. J. J. J.**Mr 8008/74**1/10/74**Amount of Estimate Rs 130*

14-
9
That nothing but labor is required. —
Stone is very expensive having so much
carriage and earthen groyves so liable to
be washed away unless heavily protected
by horse te and these are very expensive.

I have the honor to be

Sir

your most obedient servant

W. H. H. H.

District Engineer

10:20 PM
10:20 PM
10:20 PM

Proceedings of the Mexican Government

Read the following
of the Board of Resol. (H.E. No. 2148 of 8th Aug/98)
Eng. South Arcot - (" 198 - 22 Dec 1874")

The statement
now made by the District Engineer on the
authority of the Range Officer that very little
damage has been done
during the past 8 years,
is apparently inconsistent
with his statement
as quoted in the

The District Engineer
South Arcot.

MS 48

To
The District Engineer
South Arcot.
D. E. M.

Dated 22nd
Despatched 22nd December
Received 24 1874

No. 198
Enclosures 2 1/1

Subsisting with certain
information Survey sheet
of the Williamson River
the named Bridge together
with an estimate for 2
years proposed to be
constructed there.

4-0-156-14-1-45

MS 325 28
1005-1-75

Collector's letter recorded
with Proceedings of
the Board of Revenue
No 2148 of 8th August
that the village of
Muttalur is in great
danger and groynes
urgently required. And
as the survey now sub-
mitted bears out the
former statement, and
the District Engineer
does not seem to have
thought the matter
worth personal inquiry
by him, His Excellency

the Governor in Coun-
cil is not of opinion
that the work is one
of any emergency.
He declines therefore
to sanction the estimate,
reduced though it is
from Rs 11,40 to Rs 230
by using the materials
of the Muttaloor Bridge.

C.M.W.

38/3
To The Dy. Sup. South Arcot
Financial Dept.
Controller
Sept 20/1/75.

5189 A
8068
Govt. of Madras.
PUBLIC WORKS.

To

The District

S. Arcot

Dated

Recd.

Encl. 4

G. O. 19 Aug 73, No.

156

No.

225-226

Groynes - Declining
to sanction the Estimate
for the construction of
groynes in the Villams
river for the protection
of the village of Muttaku
in the South Arcot D.