Public Works (1899) Department.

(To be handed very carefully)

G.O., No. 451 I

DATED 25 May 1899

130

[Despatch Abstract.]

Kunnamkal Dam

Requesting the Resident in Travancore and Cochin to arrange for the recovery from the Cochin Durbar of a moiety of the expenditure incurred since 1884 on repairs and improvements to the ——, calling on the Supdg. Engineer to see that all claims on the Cochin Durbar are made in future without any delay, and that all unusual expenditure has the prior sanction of the Govt. and directing that the Rs 595 claimed by the Durbar for expenditure on the inner dam be paid at once.

[260—27-4-99.]

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

IRRIGATION.

Government {1899} of Madras.

PUBLIC WORKS.

au... } 1899.

Enclosures

Spare copies

G.O., No. 451 I., 25th May 1899.

MAY.

Enamakal Dam

Requesting the Resident in Travancore and Cochin to arrange for the recovery from the Cochin Darbar of a moiety of the expenditure incurred since 1884 on repairs and improvements to the —; calling on the Superintending Engineer to see that all claims on the Cochin Darbar are made, in future, without any delay, and that all unusual expenditure has the prior sanction of both the Governments, and directing that at the Rs. 595 claimed by the Darbar for expenditure on the inner dam be paid at once.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.

READ—the following papers :—

From the Superintending Engineer, IV Circle, dated 13th February 1899, No. 42 I.

From F. A. NICHOLSON, Esq., Acting Resident in Travancore and Cochin, to the Chief Secretary to Government, dated Bolghatty, 13th March 1899, Ref. on C. No. 643.

I have the honour to solicit the orders of Government on a claim for Rs. 10,443, preferred by the Executive Engineer, West Coast division, against the Cochin Sirkar on account of a moiety of the cost of works done by the British Government to the Enamakal dam since the year 1884 and which the Darbar is unwilling to admit.

2. In March 1898, the Dewan of Cochin forwarded to my predecessor a statement of expenses incurred by the Cochin Darbar in connection with the erection of the inner earthen bund at the Enamakal dam in the year 1896–97 amounting to Rs. 600, and asked him to address the Collector of Malabar with a view to obtain payment of Rs. 300, being the moiety due to that State. My predecessor accordingly wrote to the Collector for the repayment of the amount.

3. In April 1898, another letter was received from the Dewan for the recovery of Rs. 295, being the moiety of the cost of erecting an inner earthen bund at the Enamakal dam for the year 1897–98. This claim was also communicated to the Collector in due course.

4. The Collector, however, forwarded a copy of a letter, dated 30th July 1898, No. 990 M., from Mr. Wood, Executive Engineer, West Coast division, and a statement prepared by the latter officer showing the amount of estimates sanctioned and expenditure incurred on repairs and improvements to the Enamakal dam from 1884–85 to 1898–99. Copy of the Executive Engineer's letter and its enclosure are herewith forwarded.

5. In the above communications, the Executive Engineer advances a claim for Rs. 10,443 against the Cochin Darbar on account of the expenditure incurred by the British Government on the dam during the past fourteen years.

6. I addressed the Dewan on the subject, but he is unwilling to admit the claim. In his letter, Ref. on C. No. 292, dated 15th October 1898 (copy enclosed), while admitting the mutual liability of the two Governments to contribute a moiety of the expenditure incurred by either party for all repairs and improvements to the dam proper and the earthen bund connected with it, he contends that a sum of Rs. 9,913 has already been contributed by the Sirkar during the above period of fourteen years on account of the dam, and that as no information was given to the Darbar of the works executed in connection with it from time to time, nor of the probable expenditure thereon, it seems improper now to demand this large sum and, as regards most of it, at a considerable distance of time.

7. I also pointed out to the Collector that, from the statement of expenditure on the dam since 1883, furnished by Mr. Wood, it would appear that whenever any large outlay was made as in the construction of revetments and other works of restoration to the dam, the moiety of the expense was promptly demanded by the British authorities and paid by the Darbar then and there as in the years 1887 and 1892. It also appears that the cost of annual maintenance and repairs had not been demanded since 1884, *i.e.*, from the time the Sirkar was put to the necessity of constructing the inner bund which effectually stopped the influx of salt-water. It may be that the British Government refrained from pressing the demand, because the dam put up by them proved ineffectual.

8. At any rate, the British Government not only did not ask for any contribution towards the annual maintenance of the dam, but they sanctioned an annual contribution of the moiety of the amount spent by the Cochin Sirkar on the inner bund (*vide* G.O., No. 161 I., Public Works, dated 3rd March 1888).

9. When the last contribution was demanded and received from the Darbar in February 1896, all claims and liabilities up to that date should have been finally adjusted or due intimation given regarding claims still outstanding. But the British authorities have failed to do so.

10. The Collector and the Executive Engineer are unable to explain why such claims for contribution towards the maintenance of the dam were not demanded for so many years. The latter says that the reason is not traceable in the records of his office.

11. As regards the contribution of Rs. 595 now due to the Cochin Sirkar on account of repairs to the inner earthen bund, during the last two years, I think it should be paid as usual, since G.O., No. 161 I., Public Works, dated 3rd March 1888, above quoted, authorises such payment, and the moiety of charges has always been regularly paid since that year; there appears to be no reason why it should not be paid in the present instance.

12. Moreover, in 1894–95, when it was found that the single bund usually erected was not strong enough to protect the cultivation of the lake, the Cochin Government constructed two additional bunds of the same dimensions at a cost of Rs. 1,536–5–0 and claimed a moiety, viz., Rs. 768–2–6. The Executive Engineer objected to pay anything more than Rs. 300 or the normal expenditure as no previous notice was given of the extra work found necessary. When the Dewan, however, proved that the average annual outlay was Rs. 600, the Collector paid the moiety of Rs. 768–2–6 and said that, for the future, when it is likely that the annual expenditure will exceed Rs. 600, previous intimation should always be given to the Executive Engineer—*vide* copy of Malabar Collector's letter, Ref. on C. No. 4986/P-95, dated 11th May 1896, herewith submitted.

The moiety now claimed by the Cochin Government amounts to only Rs. 595 for the past two years, *i.e.*, less than the average fixed. I request therefore that Government will be pleased to pass early orders for the payment of the same to the Cochin Sirkar.

13. I also request that orders may be passed regarding the payment or non-payment of the contribution of Rs. 10,443 claimed by the Executive Engineer, West Coast division, on behalf of the British Government and which the Cochin Darbar is unwilling to admit.

No. 63 I.

Note by the Chief Engineer for Irrigation.

The Enamakal dam in the Malabar district is an old work built to keep the salt water out of a large lake east of Trichúr. A great portion of the bed of this lake is, during the dry season, cultivated; during the rains it is covered with fresh water which, when sufficiently high, escapes over the dam. The land protected by the dam belongs to British and Cochin ryots, and these Governments have for some years shared the cost of the maintenance of the dam.

This dam has always leaked, and for many years a ring bund of clay between piles has been constructed yearly close above the dam. After the fresh water has subsided, the crest is raised by means of wooden boxes filled with clay, half the cost of this is paid by this Government and half by the Cochin Darbar.

Owing to the unsound state of the dam, the Cochin Darbar found it necessary to put up annually from 1883 an inner temporary bund, a moiety of the cost of which is met by this Government under the sanction accorded in G.O., No. 161 I., dated 3rd March 1888.

With his letter read above the Superintending Engineer, IV Circle, forwards correspondence regarding the non-payment by the Cochin Darbar of the moiety of the expenditure incurred by this Government during the past fourteen years on repairs and improvements to the dam.

From this it would appear that the contributions from the Darbar were paid up to 1884 and discontinued thereafter, except in the case of the estimates for improvements sanctioned in the marginally-noted orders.

G.O., No. 491 I., dated 12th July 1886.
„ No. 493 I., „ 11th Oct. 1889.
„ No. 440 I., „ 8th June 1894.

The Resident reports that the Dewan of Cochin is not inclined to admit the claim of Rs. 10,443 now advanced by the Executive Engineer, though he admits the mutual liability of the two Governments towards contributing a moiety of the expenditure incurred by either party for all repairs and improvements to the dam proper and the earthen bund connected with it. The Dewan contends that, during the above period, the Darbar having contributed Rs. 9,913 already for expenditure on the dam, it seems unfair that a large sum of money should now be demanded for work done, but of which no intimation was given to the Darbar. No explanation can be afforded by the local officers why the usual contribution was not claimed from the Darbar every year. The Dewan infers that no claims were made obviously in recognition of the fact that this Government failed to do what was afterwards successfully accomplished by the Darbar since 1883 by putting up a bund annually to effectively keep out the influx of salt water.

The Superintending Engineer asks that it may be decided whether, under the above circumstances, it would be advisable to press the claim.

He also brings to notice that the contributions from the two Governments should be proportionate to their respective interests in the work. As shown in the report printed in Proceedings of Madras Government, No. 440 I., dated 8th June 1894, the area of British irrigation is 2,126 acres and that of Cochin irrigation 6,116 acres. The Dewan states that the latter area was only 4,310 acres in 1896–97 and that, after making certain necessary deductions, it would be found that there is not any glaring disproportion in the contributions. It would appear that the Cochin portion of the lake is now under survey and correct figures can be given only when the survey is over. It does not seem necessary to discuss this matter further.

(Signed) W. HUGHES,
Chief Engineer for Irrigation.

15th March 1899.

ORDER—No. 451 I., dated 25th May 1899.

From page 17 of the Malabar District Manual it is observed that ever since the idea of constructing the new dam proposed in 1858 was abandoned, the present dam has been maintained at the joint cost of the British Government and the Cochin Darbar. This Government therefore considers that it would not be equitable to waive the claim for a moiety of the expenditure actually incurred since 1884, merely because the contribution due by the Cochin Darbar towards the cost of repairs and improvements to the Enamakal dam and the earthen bund connected with it was not, through inadvertence, claimed annually. The Resident in Travancore and Cochin will be requested to arrange for the contribution due by the Darbar being paid into the Government treasury and credited to the Public Works Department.

2. The Superintending Engineer will see that all claims on the Cochin Darbar for expenditure on the maintenance of the dam are made in future without delay and in case of any unusual expenditure being contemplated the prior sanction of both sides should be taken.

3. The Rs. 595 claimed by the Cochin Darbar for expenditure on the inner dam should be paid at once.

(True Extract.)

Under Secretary to Government,
Irrigation Branch.

To the Chief Engineer for Irrigation.
„ Superintending Engineer, IV Circle.
„ Examiner, Public Works Accounts.
„ Revenue Department.
„ Political Department.

Exd. Shaik Karim.

Public Works (1897) Department.

CURRENT No. 4057

From The Chief Engr for Irrign

Order

No. 637.

Dated 15. March 99.

Received

Registered 20. 5. 99

Enclosures 7 14

Spare copies.

SUBJECT.

Enamakal Dam - Note regarding the contrb". payable by the Cochin Govt. on account of work done to the —.

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

E. I. Form No. 22—2,606—8-8-96.

KEEP-WITH.

No. , dated 189 .

15

GOVT. OF MADRAS. 189 .

CHIEF ENGINEER FOR IRRIGATIO

Govt
Madras, April 26 1899.

OFFICE NOTE No.

Circulation Register.

To	From	Despatch Date.	Receip Date.
The Secretariat Dept.	The Joint Secy to Govt. P.W.D. Irrign. Branch	27.4.99	

The draft order has been altered and is submitted for consideration

W.H. 26/4 J

26/4
EJ

- Please see Note in continuation Pol Note on next sheet below.

HJS 3/5

To the Cs

Subd. that the draft order is in correct form. The despatch only "Pol. Dept for "record transmission to the Darbar" should be "Pol. Dept". The Pol. Dept. will then do what is necessary when the paper proceedings reaches it

D.S.W. 12/63
11.5.99.

Cmd
D. 5.5.9.

11/5/99.

I.

The order may now be issued — the correction suggested above having been made —

WH.
12.5.99

12/5
58.

Order
Cos 7/99

15/

Pol E.C. No 1021
17.4.99
Sent to R&D on the
17.4.99

Para 2 of Secy to Govt Letter No 990 M dt 30/7/98 (Encl 1 to Ct) —

22/

[G. 104]
1,000 — 10-98.

) Department.

CURRENT No. 420

CHIEF SECRETARY
24 MAR. 1899
GOVERNMENT OF MADRAS

A C. No. 420 From the Resident in

" " "

" " "

" " "

From

The Resident in Travancore & Cochin

Letter No. 643

Dated 13th March 1899

Received 24-3-99.

Registered

Enclosures 4

Spare copies

SUBJECT.

Forwards a claim for Rs 10443 preferred by the Executive Engineer West Coast Division against the Cochin Sircar on account of a moiety of the charges for works done to the Ernakulam Dam during the year 1886-

BACK PAPERS.

G.O.	No.	Department	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.

Political — DEPARTMENT.

Ryon C

C — , No. 643 , dated 13. 3. 1899.

....., ,, ..., ,, ... 189 .

....., ,, ..., ,, ... 189 .

....., ,, ..., ,, ... 189 .

Encl.

No 990 M.

Sir,

With advert
5-4-98 and 998/P.98 da
of my letter no 925
I have the honor to
on the payment of
by the Cochin State
and 295 respectively
of the earthern bund
decision has to be a
the British Gover
contributing a m
repairs and improv
proper and the ea
2. It will be nec
G.O no 141 I, Public
7/1-2-98) that the im
about the year 1893
commendation o
the Government a
incurred by the
ever since that date
Mr Logan's lette no
letter No 1492 of 30-9-
Cochin State was
obtain

Orders -

This Current relates to a dispute
between the Sub Engineer of Public
Works - West Coast Divn - & the
Dewan of Cochin regarding
Dept
Dewan
the cost of the
maintenance of the dam

This dam has
always leaked, & for
many years a ring
bund of clay between
the tiles has been con-
structed yearly clos
over the dam After
the fresh water has
subsided the contri-
similar
bution described although a year
has been regularly
paid

Dewan

paid by this Govt for woman
by the Cochin Circar in main
from year to year an "inner
bund" erected by them in 18
the dam proper. The Engineer
that he is "unable to trace any
"prohibiting the levy of the usual
"bution" towards the cost of
nor "to ayc for the demand for
"usual contribution not having
"made every year". Under
circumstances the Secy of Sta
a third payment of a charge
£595 made by the Cochin Si
for a moiety of the cost of
in 1896-7 & 1897-8, the "inn
Earthen bund" already alluded
has made, on that State a
claim for the sum under a
3. The Diwan of Cochin admi
liability of the State to pay, an
a moiety of expenses incurred
British Govt on these works;
admits that for 14 years past
has been paid on this ayc bu
the other hand the he deprecia
present heavy claim for arre
the following words - "His
"Govt has always admitted,

) executed by the 24
ascertained on enquiry
e that from the year
pay any contribution
which the estimates
me unable to trace
the usual contri-
one by the British
account for the demand
ving been made

rences on the subject
his letter no 1897 dated

this office why and
the British Government
nditure incurred
by the British
ll appears however
n 1883, in which
the necessity of
ther bund at its

ochin Government
ely when it was
at its own cost
only did not question
tioned the payment
d to this Government
Works)." You will
er no 230 dated 23-1-97
ided by the Cochin
this established that
British Government
le. As regards the
letter quoted above
ty of the British
t of works done
though various

Go. No 491 J. dy 12-7-86
" " 403 J. 87/5-7-87
" " 493 J 87/11-10-89
" " 401 J 87/8-6-94

the inner earthen bund =

* Cochin State

the right of claim
merely of expense
the parties have a
is done by one p
gratuitously for
from Government
issued subsequent
have always inv
Contribution and
thereto.

Again with
bution it was re
5012 dated 1-10-97)
for keeping out Sal
the matter of adj
5. From the Sta
be seen that a
moiety of the exp
from the year 1884 u
for works in prog
be recovered from
fore request that
adjustment of
will be no good as
-core and Cochin
the amount.

6- With referen
Cochin State an
would request to b
for 1896-97 is in ad
that year to the
Causes that led to
ascertained.

7. In connection

non Question, the mutual liabil
of the two Govts to contribute a
moiety of the expenditure incurr
by either party for all repairs
improvements to the Enamakal
dam proper & the Earthen bund
connected with it but would a
the same time strongly urge that
this Govt is entitled to be kept
informed of the works that are
being carried out from time to
time & the probable expenditur
required therefor". He connects
the proposal for annual payment
British Govt with the erection b
the Cochin Sirkar of the "inner
Earthen bund" erected in 1883 &
renewed it by the Sirkar every yea
since & which he says was rende
ed necessary "owing to the defectiv
maintenance of the permanent
dam by the British Govt & also the
unsatisfactory condition of the
mud put up by it to the rear
the dam". On these grounds
in view of the fact that up to 1883
sums were always adjusted at
the time of the execution of repairs

to the Cochin State withheld by
the Exec^ve Engineer. With rega
to the large sum of Rs 10443 cl
ed from the Cochin State by th
P.W.D it would appear that mor
information is required as to t
reason for the demands not ha
been made at the time of the
execution of the respective works for which it
now claimed and as to whether
the erection of a bund by Cochi
in 1883 was held by this Govt
cancel the obligation of the
with Cochin to contribute towards
repair to British works. It is
not at all clear why certain
works done by the British Authorit
ties in 1887 & 1892, were partly
paid for by the Durbar whilst
other works done on the same dam
not even referred to by the Bri
authorities. It is obvious that
reason must exist for this st
of things & that the Current mi
therefore, be referred to the P.
for fuller information on the

Govt has

the proportion of
to be equitable inequitable
comparing the
o I. dated 8-6-94 that
British limits is 1/26
and in all Irrigation
tory the contributions
Comanom is fixed in
irrigation and
nt for the difference
ully, I consider, be
mment to arrive
point also.

have &c
(Sd) C. W. Wood.
Executive Engineer

Rajagopalachary
For Collector
6th August 98.

Lt Nicholson.

Resident.

Executive Engineer's Office.
West coast Division
Calicut 30th July 1898

From

C. W. Wood Esquire
Executive Engineer
West Coast Division.

To,

The Collector of Malabar.

ce to your letters nos 697/P 98 dated
ted 25-5-98 and in continuation
no. dated 25.7.98 on the same subject
inform you that before deciding
a moiety of expenditure incurred in 1897-98
e during the years 1896-97, viz Rs 300
y in connection with the erection
ne front of the Enamakal Dam
rmined as to the liability of
ment and the Cochin State towards
iety of the cost by either party of al
rovement to the Enamakal dam
ntern bund connected with it.

rom the correspondence printed with
Works dated 3.3.88 (G.O. no 745 Re
ew earthern dam was constructed
by the Cochin State and on the re
W. Logan Esqr the Collector of Malaba
ed the payment of a moiety of expens
chin State and it is being continue
It will also be seen from para 7 of
118/8-11-87 and para 9 of the Dewan's
printed with they G. quoted that the
being a moiety of the cost of
the

H. 14 Form No. 1 (a)—200—21-4-98.

15 3 95

Lyn

[illegible] Cochin.

[illegible] Dec 1895 [illegible]
[illegible] Cochin [illegible]
[illegible] Cochin [illegible]
[illegible] Cochin

West Coast Division

Statement showing the amounts of Estimates sanctioned and expenditure incurred on repairs and Improvements to the Enamakal Dam from 1884-85 to 1898-99.

Serial No.	Particulars.	Estimate. Amount	Authority	No.	Date	Expenditure. Rs	as	p	Remarks.
1	Repairs to the South Wing wall and revetment of Enamakal Dam	1320	S.E.	1	1884-85	1221	4	..	
	Annual maintenance of Do Do	600	do	2	do	573	..	..	
	Do Do 1885-86	600	do	2	1885-86	577	..	..	
	Do Do 1886-87	600	do	2	1886-87	587	..	..	
4(a)	Constructing revetment to the Enamakal Dam	9000	G.O. S.E.	3	1886-87	7281	15	8	Contribution fully recovered in Feb: 1887
5	Annual maintenance of Enamakal Dam 1887-88	757	S.E	4	1887-88	523	10	9	
6	Repairs to the Enamakal Dam (Special)	1030	do	5	1886-87	991	3	1	
7	Annual maintenance of Enamakal Dam 88-89	805	do	4	1888-89	738	3	9	
8	Do Do 1889-90	1358	do	1	1889-90	1531	8	6	
	Do Do 1890-91	830	do	2	1890-91	467	3	11	
10	Constructing a rough stone revetment to the Western slope and repacking the face stone of Enamakal Dam	4940	G.O. S.E.	493.9 1	11-10-89 1890-91	4169	7	8	Contribution fully received and adjusted on January 1892.
	Annual maintenance of Enamakal Dam 1891-92	590	S.E.	2	1891-92	796	1	4	
	Do Do 92-93	380	do	2	1892-93	391	11	..	

	Closing breaches in the body of Enamakal Dam 1892-93	140	S.E.	2	91.92	129	7	7	
	Annual Maintenance of the Enamakal Dam 93-94	650	do	3	93.94	627	7	3	
	Temporarily closing the breached portion of Enamakal Dam	190	do	4	93.94	188	3	2	
16	Fixing demarcation stones for the flood bank of Enamakal Dam	110	do	1	94.95	114	15	5	
			E.W	4403	2.6.94	8374	-	-	moiety fully recovered in Feb: 1896
17	Restoring the Enamakal Dam —	9800	S.E	4	94.95				
18	Providing enamelled guages to the Enamakal Dam	40	S.E	1	93.94	38	7	3	
	~~Maintenance of Do — 94-95~~	~~780~~	do	2	94-95	680	1	6	
	Temporarily closing the breached portion of the Enamakal Dam	190	do	6	94-95	176	3	2	
		820	do	3	95-96	528	15	11	
21	Annual maintenance of — Do — 95-96	11	do	5	96.97	7	6	-	
22	Surveying and levelling — Do —	640	do	4	96.97	1394	4	11	
23	Annual Maintenance of — Do — 96-97	950	do	2	97.98	773	10	9	
24	— Do — Do — 97.98								
125	Repairing the breach in the body wall of the Enamakal Dam —	3390	do	1	98-99	3148	5	1	Contribution promised by the Dewan in his letter No 3582 9/12-5-98. Work in Progress
		570	do		98-99	570	-	-	
26	Annual Maintenance of — Do — 98-99								
					Total —	36,600	15	8	

Amount shown against 4 (a), 10 and 17 moiety of Contribution having been recovered		19825 7 4
Balance.		16775 8 4
Add		
23% for Establishment.		3858 - -
1½% for Tools and Plant		252 - -
		20885- 8 4 or 20886
Moiety to be recovered.		10,443 - -

(Sd) C. W. Wood
Executive Engineer

(True Copy)
(Sd) V. Rajagopalachary
For Collector
6-8-98.

(True Copy)
Ag. Resident.
13-3-99.

Ar 5-10
1405 7/98

1898
Public Works Dept
Enclosure No 2
to
G.O. No. 420

30/ Enclosure II

Huzur Cutchery
Ernakulam, 15th October 1898.

Public works Branch.

Ref on C no 292 of 74.

From

P. Rajagopala Chari Esquire
Dewan of Cochin

To

The Honourable Mr. F. A. Nicholson.
Ag: British Resident in Travancore and Cochin.

Sir,

I have the honour to acknowledge the receipt of your Ref: on C no 2613, dated 27th August, 1898, forwarding for my remarks a copy of the letter to you dated 6th idem from the Collector of Malabar with its enclosure, being a report to the Collector from the Executive Engineer, West Coast Division, regarding the Contribution due to, and payable by, the British Government on account of the Enamakal dam.

2. Mr. Wood contends that a sum of Rs 10443, representing a moiety of the expenditure incurred by his Government from the year 1884, including the amounts of estimates for works now in progress during the current year, has to be recovered from the Cochin Sirkar, and that this question has to be disposed of before deciding upon the payment of a moiety of the expenditure incurred by Cochin during the years 1896-97 and 1897-98 for the erection of the earthen bund in front of the dam. I beg to submit that this claim is not admissible. The Enamakal dam ~~was~~ are ~~is~~ [illegible]

constructed, periodically, repai
throughout, by the British Gover
expenditure incurred on all t
been invariably paid by the
timely information and requ
same. Thus, a sum of Rs 9913 ha
last fourteen years. and anoth
during the current year, and it
now to call upon it to pay up
rupees on account of the expen
incurred by the British Gover
the same period of fourteen y
which no information was ge
for payment at the time. H
has always admitted, and I
the mutual liability of the tw
Contributing a moiety of the ex
by either party for all repair
the Enamakal dam proper a
connected with it. but I woul
strongly urge that this Govern
be kept informed of the work
out from time to time, and of
required therefor. In the abse
the presumption is that no w
that the British Government h
the Sirkar for any Contributio
hypothesis. I do not quite le
ment made no requisition

ned, and maintained
rnment, and half the
ese accounts had
Sirkar on receiving
estions in regard to the
d been paid during the
er sum of Rs 1574 promised
is hardly fair to the Sirkar
more than ten thousand
diture said to have been
rnment on the dam during
earo - expenditure about
iew or demand made
His Highness' Government
do not now question,
Governments towards
penditure incurred
nd improvements to
the earthen bund
d at the same time
ent is entitled to
that are being carried
e probable expenditure
e of such information,
k had been done, or
d no intention to ask
. Except under the latter
why the British Govern
or any payment on
1883, while

it did not fail to
any repairs had
3. As I told Mr. Th
I am unable to q
the Sirkar dis-co
the expenditure
ment on the temp
it was dis-conten
Sirkar began to
front of the dam
of the permanent
and also the un
bund put up
water began fr
the detriment of
that in 1882. the
agricultural op
year therefore, it
-ment to construct
at the expense o
year we have be
year. Since then
made by the Bri
of half the cost
but the annual p
-diture on the inner
sanctioned by the
dated 3. 3. 98 re
The Sirkar bund
of salt water yea

ask for contribution whenever
d to be done to the dam.
od when he made a reference to m
ote the authority under which
ntinued payment of a moiety of
incurred by the British Govern.
porary dam. But it appears that
ed in 1884, the year after the
put up its temporary bund in
v. Owing to the defective maintenance
t dam by the British Government.
satisfactory condition of the
y it to the rear of the dam, salt
ely to percolate through them to
Kole Cultivation, so much so
Cochin ryots were driven to disp
erations altogether. In the result
was resolved by the Cochin Govern
a temporary inner earthen bund
the Sirkar. and ever since that
en putting up such a bund every
, not only has no demand been
ish Government for the payment
the outer bund put up by it,
ayment of a moiety of the expen
bund put up by the Sirkar was
Madras Government in its G. O.
1611 P. W. The inference is obvious.
as effectively stopped the influx
p after year, notwithstanding the

-pects in the outer bund. In these circumstances, and in view of the fact that all claims on account of the dam and the bunds connected with it used hitherto to be adjusted between the two Governments there and there, I hardly think it reasonable to go into ancient history and make an exorbitant demand now.

4. In para 6 of his letter, Mr. Wood refers to claims made by the Sirkar to the extent of Rs 1536. in addition to the usual expenditure on the inner bund. But I do not see from the records that such a claim has been made, and I shall be much obliged if you will kindly quote the reference on the subject.

5. Mr. Wood further contends that the proportion of Contribution fixed is quite inequitable, in as much as the extent of irrigation within British limits is 2126 acres, while that within Cochin limits is 6116 acres. The G. O. from which Mr. Wood obtained these figures is not before me, so that I am unable to see how they were arrived at. According to the returns before me, the Cochin area under Kole cultivation in 1895-96 was 5259 acres, and in 1896-97 it was 4310 acres. A portion of this, covering the deeper bed of the lake, was registered only in recent years, and as the drainage of this portion for purposes of cultivation appears to have proved detri-mental to the cultivation of the other parts which have long been in occupation, the cancellation of the registry of the former

is under Consideration by the Sirkar. Further, a part of the Kole area lies to the South of Trichur and far away from the Enamakal dam. It is protected from the influx of salt water not by that dam, but by bunds on the Southern Side. These matters have to be taken into account in Comparing the areas under irrigation within British and Cochin limits, when it will be found that there is not any glaring disproportion in the Contribution as the figures quoted by Mr. Wood make out. The Cochin portion of the lake is now under Survey, and Correct figures can be given only when the Survey is over.

6. With regard to the Contribution due to the Sirkar on account of the inner earthen bund. I beg to Suggest that this being usual annual con-tribution, the amount may be paid as in previous years, pending the Consideration and Settlement of the other questions

I have &c

(Sd) Swaminath Iyer

for Seward

(True Copy)

F. A. Nicholson

Ag Resident.

Ref. m c no 4986/P.95. 35

Enclosure III

Malabar Collector's Office
Camp Cherupulacheri 11th May 18

From,

J. Hewtson Esquire
Ag. Collector of Malabar.

To,

The British Resident in
Travancore and Cochin

Sir,

Adverting to the correspondence ending with your Ref. m c no 744, dated 11th March 1895, I have the honor to request that you will be good enough to obtain and forward to me a receipt from the Dewan of Cochin for the contribution of Rs 768- 2- 6 claimed by him for the erection of the inner bund of Enamakal Dam for the year 1894-95. A cheque for the amount will then be issued.

2. The Executive Engineer West coast Divn desires that information should always be given to him when the annual expenditure is likely to exceed Rs 600. I request that the Dewan may be instructed accordingly.

I have the &c
(Sd) J. Hewtson
Ag. Collector.

(True Copy) [illegible]

Ag Asst

Ans. 5-11
4005/895

1895
Pol. Dept
Enclos. No 3
To
No 420

Ref on C.N. 643

36/CURRENT NO. 420

Resident's office on Circuit
Bolghatty 13th March 1899
Despd 21st "

From.

F. A. Nicholson Esqre
Ag: Resident in Travancore & Cochin

To

The Chief Secretary to Government
Fort St. George.

Sir,

I have the honor to solicit the orders of Government on a claim for Rs 10443 preferred by the Executive Engineer, West Coast Division against the Cochin Sirkar on account of a moiety of the cost of works done by the British Govt to the Enamakal Dam since the year 1884 and which the Durbar is unwilling to admit

2. In march 1898, the Dewan of Cochin forwarded to my predecessor a Statement of expenses incurred by the Cochin Durbar, in Connection with the erection of the inner earthen bund at the Enamakal Dam in the year 1896-97 amounting to Rs 600; and asked him to address the Coll[illegible]r of Malabar with a view to obtain payment of Rs 300, being the moiety due to that State. My predecessor accordingly [illegible]

0/5-12
405/85

189
Pub Dept.
Enclos. No
To
C. No Misl

amount

3 In April 1898, another letter was received from the Dewan for the recovery of Rs 295, being the moiety of the cost of erecting an inner earthern bund at the Ennamakal Dam for the year 1897-98. This claim was also communicated to the Collector in due course.

4 The Collector, however, forwarded a copy of a letter dated 30th July 1898 No 990 M from Mr Wood Executive Engineer West coast Division and a statement prepared by the latter officer Showing the amount of Estimates Sanctioned and expenditure incurred on repairs and improvements to the Ennamakal Dam from 1884-85 to 1898-99. Copy of the Executive Engineer's letter and its enclosure are herewith forwarded. Encl I

5. In the above communications, the Executive Engineer advances a claim for Rs 10443 against the Cochin Durbar on account of the expenditure incurred by the British Government on the Dam during the past 14 years.

6 I addressed the Dewan on the subject but he is unwilling to admit the claim. In his letter Ref on C No 292, dated 15th October '98 (copy enclosed) Encl II while admitting the mutual liability of the two

two Governments to contribute a moiety of the expenditure incurred by either party for all repairs and improvements to the Dam proper and the earthern bund connected with it, he contends that a sum of Rs 9918 has already been contributed by the Sirkar during the above period of 14 years on account of the Dam, and that as no information was given to the Durbar of the works executed in connection with it from time to time, nor of the probable expenditure thereon, it seems improper now to demand this large sum and, as regards most of it, at a considerable distance of time.

7 I also pointed out to the Collector that from the Statement of expenditure on the Dam since 1883 furnished by Mr Wood, it would appear that whenever any large outlay was made as in the Construction of revetments and other works of restoration to the Dam, the moiety of the expense was promptly demanded by the British Authorities and paid by the Durbar then and there as in the years 1887 and 1892. It also appears that [illegible] of annual maintenance

repairs had not been demanded since 1884. ie from the time the Sircar was put to the neces-sity of constructing the inner bund which effectually stopped the influx of salt-water. It may be that the British Government re-frained from pressing the demand, because the dam put up by them proved ineffectual

8. At any rate, the British Government not only did not ask for any contribution towards the annual maintenance of the Dam, but they sanctioned an annual contribution of the moiety of the amount spent by the Cochin Sirkar on the inner bund, (Vide G. O. No 161 I P. W. dated 3d. March 1888)

9. When the last contribution was demanded and received from the Durbar in February 1896, all claims and liabilities up to that date should have been finally adjusted or due intimation given regarding claims still outstand-ing. But the British authorities have failed to do so.

10. The Collector and the Executive Engineer are unable to explain why such ~~claims for contribution~~ towards the maintenance

of the Dam were not demanded for so many years. The latter says that the reason is not traceable in the records of his office.

11 As regards the contribution of Rs 595 now due to the Cochin Sirkar on account of repairs to the inner earthern bund, during the last two years, I think it should be paid as usual, since G. O. No 161 I P. W. dated 3d. March 1888, above quoted, authorises such payment, and the moiety of charges has always been regularly paid since that year. ~~And~~ there appears to be no reason why it should not be paid in the present instance.

12 Moreover in 1894-95 when it was found that the single bund usually erected was not strong enough to protect the cultivation of the lake, the Cochin Government con-structed two additional bunds of the same dimensions at a cost of Rs 15-36-5 and claimed a moiety viz Rs 768-2-6. The Executive Engineer objected to pay any-thing more than Rs 300 or the Normal ex-penditure as no previous notice was ~~extra work~~ found

When the Dewan however, proved that the average annual outlay was Rs600, the Collector paid the moiety of Rs 768-2-6 and said that for the future when it is likely that the annual expenditure will exceed Rs600, previous intimation should always be given to the Executive Engineer. Vide Copy of Malabar Collectors' letter Ref on C.No. 4986/P.95, dated 11th May 1896, herewith submitted

End III

The moiety now claimed by the Cochin Government amounts to only Rs 695 for the past two years ie less than the average fixed. I request therefore that Government will be pleased to pass early orders for the payment of the same to the Cochin Sircar.

13 I also request that orders may be passed regarding the payment or nonpayment of the

Contribution of Rs 1044 3, claimed by the Executive Engineer, West Coast Division on behalf of the British Government and which the Cochin Dewan is unwilling to admit.

I have the honor to be
Sir,
Your most obt Servt.

T. A Nicholson.

Ag: Resident.

13/3.

(42)

Public Works (1899) Department.

CURRENT No. 2nd

From A. H. Garrett Esq
Supg Engineer 4th Circle

Order

No. 42/9

Dated 13th February 1899

Received 16. do.

Registered

Enclosures 3

Spare copies

SUBJECT.

Enamakal Dam

Forwards for orders copies of correspondence on the subject of contribution payable by the Cochin Government on account of a moiety of cost of work done to the —

D.E.

...may be pa...
...pending th...
...settlement ...

...ion fixed
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...13 hitherto limits
...within Cochin
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...at Accord-
...ing the Cochin
...ation in 1895-96
...1896-97 it was
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...of
...was
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...Route

Fourth Circle — West Coast Division

Statement shewing the amounts of estimates sanctioned and expenditure incurred on Repairs and Improvements to the Enamakal Dam from 1884-85 to 1898-99

Item No	Particulars	Estimate				Expenditure			Remarks
		Amount	Authority	No	Date				
1	Repairs to the south wing wall and revetment of the Enamakal Dam	1320	S.E.	1	1884-85	1221	4	-	
2	Annual maintenance — do	600	do	2	do	573	-	-	
3	do — do — 1885-86	600	do	2	1885-86	577	-	-	
4	do — do — 1886-87	600	do	2	1886-87	587	-	-	
5	do — do — 1887-88	757	do	4	1887-88	523	10	9	
6	Repairs to Enamakal Dam (Spl)	1030	do	5	1886-87	991	3	1	
7	Annual maintenance — do — 1888-89	805	do	4	1888-89	738	3	9	
8	do — do — 1889-90	1358	do	1	1889-90	1531	8	6	†
9	do — do — 1890-91	830	do	2	1890-91	467	3	11	†
10	Constructing a rough stone revetment to the western slope and repacking the face stone of Enamakal Dam	4940	G.O. and Supg Engr	4 930 1	11-10-89 1890-91	4169	7	8	Contribution fully recovered and adjusted in January 92
11	Annual maintenance of Enamakal for 1891-92	590	SE	2	1891-92			4	
12	do — do — 1892-93	380	do	2	1892-93			1	

Brought up

						1250	7	6	
13	Closing breaches in the body wall of Enamakal dam	140	S.E.	2	1891-92	129	9	7	
14	Annual maintenance of —do—	650	do	3	1893-94	627	7	3	
15	Temporarily closing the breached portion of Enamakal dam	190	do	4	1893-94	188	3	2	
16	Fixing demarcation stones for the flood bank of Enamakal dam	110	do	1	1894-95	114	15	5	
17	Restoring the Enamakal dam	9600	G.O.	1440	8-6-94	8374	-	-	Moiety fully recovered
			S.E	4	1894-95				
18	Providing Enamelled guages to the Enamakal Dam	40	do	1	1893-94	38	7	3	
19	Annual maintenance of Enamakal Dam for 1894-95	780	do	3	1894-95	680	1	6	
20	Temporarily closing the breached portion of the Enamakal Dam	190	do	6	1894-95	176	3	2	
21	Annual maintenance of do—for 1895-96	820	do	3	1895-96	528	15	11	
22	Surveying and levelling —do	11	do	5	1896-97	7	6	-	
23	Annual maintenance of do for 1896-97	640	do	4	1896-97	1394	4	11	
24	—do— do— 1897-98	950	do	2	1897-98	773	10	9	
25	Repairing the breach in the body wall of the Enamakal Dam	3390	do	1	1898-99	3148	5	1	Contribution promised by the Dewan in his letter No 3582 dated 22nd May 1898
26	Annual maintenance of do for 1898-99	570	do		1898-99	570	-	-	Work in progress
	Constructing revetment to do	9000	do	491	17-7-98				

Total		36,600	15 8
Deduct			
Amount shown against 17 and 46(a) and 10 moiety of contribution having been recovered vide accounts (32 A Contributions) for February 1896 and February 1887		19,825	7 4
		16,775	8 4
Add			
23% for Establishment		3,858	- -
1½% for Tools and Plant		252	- -
		20,885	8 4 or
		20,886	
Moiety		10,443	

[Signed] C. W. Wood
Executive Engineer

(True copy)

Asst

Supg Engineer 4th Circle

10.2.99

16 FEB 1803