1. Number of pages.
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MADRAS RECORD OFFICE.

Government of Madras.

Public Works **DEPARTMENT.**

Con. 23—12—57

G.O. No. 2 386 Press Mis.

87-82

Dated 22—12— 185 7.

Not to be folded or roughly handled

Fort Saint George, Public Works Consultation of 23rd *December* 1857.

No. 81. Read the following letter from Colonel C. E. FABER, Chief Engineer; to H. FORBES, Esq., Acting Secretary to Government, dated 15th December 1857, No. 5972.

SIR,

1 Copy of letters for the District Engineer South Arcot No. 211 dated 13th July 1857.
1 Do. for the Collector do. No 566, dated 19th July 1857.
2 Plans.
1 Abstract estimate Rupees 2,030.

I have the honor to forward, for submission to Government, Plans and estimates amounting to Rupees (2,030) two thousand and thirty, for constructing a Head sluice and Calingulah on the Paukum channel breaching from the Pooniar River in South Arcot.

2. The necessity for these works is clearly explained in the accompanying copies of letters from the Collector and District Engineer, and the papers now sent up and the Central office in July last, but owing to the restrictive orders which were then received they were laid aside.

3. It seems however from Lieutenant Foord's statement, that the case is one so obviously necessary for the security of existing Revenue (the a mount of which has been called for) that I feel even at this late period constrained turge the entry of the estimates in the Budget of 1858-59.

4. The rates are moderate and sufficient.

Letter from Lieutenant E. A. FOORD, District Engineer of South Arcot; to Colonel C. E. FABER, Chief Engineer, dated Cuddalore, 13th July 1857, No. 211.

SIR,

Revenue irrigation.

I have the honor to forward for sanction an estimate of Rupees (2,030) two thousand and thirty for building a head sluice to the Paukum channel and also a Calingulah in its bank, for the escape of surplus water.

2. The Paukum channel is led from the Pooniar river near the crossing of No. 9 Trunk road. It was inspected by me in the month of April 1857 to see if a branch could not be cut from it for the irrigation of some other Villages. I then observed, that the channel required straightening and widening in places, and that there were several breaches in the banks. The improvements of the channel and the strengthening of weak parts of the bank are now being carried out, on an ordinary estimate, but it will be impossible to prevent breaches again occuring unless there are means for shutting out the water altogether, when there are very high freshes in the river, The water at such times, instead of being beneficial, is very injurious both to the channel and the fields it passes through, I therefore recommend the construction of a simple head sluice to regulate the supply of water a Calingulah is also required in the bank of the channel at a part where some drainage streams fall into it and where it usually breaches into the Pooniar. This Calingulah will allow of the escape of surplus water, and also of a considerable quantity of sand, which would otherwise fill up the channel.

3. There will be no direct return from these works, but they will be remunerative inasmuch as they will prevent the loss of revenue there is, when the channel breaches or when fields are injured by excessive floods and deposits of sand and the Collector therefore joins me in recommending the construction of these works.

Letter from ARTHUR HALL, Esq., Collector of South Arcot; to Lieutenant E. A. FOORD, District Engineer of South Arcot, dated Cuddalore, 19th June 1857, No. 566.

SIR,

I have the honor to return with my countersignature the estimate of Rupees 2,120 received with your letter of the 5th Instant, for constructing a Head sluice to the Paukum channel from the Pooniar river and building a Calingulah at a part where a breach frequently takes place when the freshes are high both works are much needed and their execution will be attended with beneficial results.

2. I therefore fully concur with you in the expediency of carrying out the project as you proposed.

3. I cannot however say that any increased of Revenue will be obtained by these works as the full Ayacut is nearly all under cultivation but it is well worth while to execute them, if only to avoid the constant which of repairing the bank of the channel which under present circumstances is unavoidable, and to save the crops which invariably suffer when the bank is breached.

No. 82. ORDER THEREON, No. 2366; dated 22nd December 1857.

1. With this letter, the Chief Engineer submits for entry in the Budget of 1858-59, Plans and Estimates amounting to Rupees, (2,030) two thousand and thirty, for a Head Sluice and Calingulah to the Paukum channel, a branch of the Pooniar river in South Arcot.

2. The works are stated to be required, the former to regulate the supply of water to the adjacent fields, and the latter to prevent breaches of the banks, and also to allow of the escape of surplus water, and of a considerable quantity of sand, which, during the freshes, fills up the channel.

3. Lieutenant Foord the District Engineer says that "there will be no direct return from "these works, but they will be remunerative inasmuch as they will prevent the loss of revenue." The Government observe, from the 3rd para. of the foregoing letter, that the Chief Engineer has called for a report of the amount of Revenue that will probably be saved by the construction of the proposed works; and till this is furnished, they resolve to postpone the consideration of the estimates submitted by the Chief Engineer. As the Budget is now closed, the Chief Engineer is directed not to send up any more estimates.

(Signed) H. FORBES,
Acting Secretary to Government.

3 A

No. 566.

From

Arthur Hall Esquire
Collector of South Arcot

To

Lieutenant E. A. Foord
District Engineer of South Arcot

Sir,

I have the honor to return with my countersignature the Estimate of Rupees 2,120, received with your letter of the 5th Instant, for constructing a Head Sluice to the Paukum Channel from the Ponjaur river and building a Calingulah at a part where a breach frequently takes place when the Freshes are high. Both Works are much needed and their execution will be attended with beneficial results.—

2 I therefore fully concur with you in the expediency of carrying out the project as you proposed.—

3 I cannot however say that any increase of revenue will be obtained by these Works as the full Ayacut is nearly all under Cultivation but it is well worth while to execute them

them, if only to avoid the Constant expence of repair-
-ing the banks of the Channels which under present
Circumstances is unavoidable, and to save the Crops
which [illegible] suffer when the banks is breached.

I have the honor to be Sir
Your most Obedt Servt
signed Sebastian F. Call
Collector

Cuddalore
19th June 1857.

/True Copy/
/signed/ E. A. Floyd
District Engineer Southern Dist

/True Copy/

Wm Baker Colonel
Chief Engineer

Encl. No. 3.

No 211.

To

The Chief Engineer

Department Public Works

Fort Saint George

Sir,

I have the honor to forward for sanction an Estimate of Rupees (2,030) two thousand and thirty, for building a head sluice to the Paukum Channel and also a Calingulah in its bank, for the escape of surplus water.-

2 The Paukum Channel is led from the Pongaur river near the crossing of No 9 Trunk Road. It was inspected by me in the month of April 1857. to see if a branch could not be cut from it for the irrigation of some other villages. I then observed that the Channel required straightening and widening in places, and that there were several breaches in the banks. The improvements of the Channel and the strengthening of weak parts of the bank are now being carried out, on an ordinary Estimate; but it will be impossible to prevent breaches occurring unless there are means for shutting out the water altogether when there are very high freshes in the river. The

water

water at such times, instead of being beneficial, is very injurious both to the Channel and the fields it passes through. I therefore recommend the Construction of a simple head sluice to regulate the supply of water. A Calingulah is also required in the bank of the Channel, at a part where some drainage streams fall into it, and where it usually breaches into the Pongaur. This Calingulah will allow of the escape of surplus water, and also of a considerable quantity of sand, which would otherwise fill up the Channel.

3 There will be no direct return from these works, but they will be remunerative in as much as they will prevent the loss of revenue there is, when the Channel breaches, or when fields are injured by excessive floods and deposits of sand the Collector therefore joins me in recommending the Construction of these works.-

I have the honour to be &c.

Cuddalore
13th July
1865

(signed) C. A. Foord
District Engineer of
South Arcot

(True Copy)

Lieut Colonel
Chief Engineer

Capt Hill

It was inspected by me in the month of April 1857 to see if a branch could not be cut from it for the irrigation of some other Villages. I then observed that the channel required straightening and widening in places; and that there were several breaches in the banks. The improvements of the Cahaduel and the strengthening of weak parts of the bank are now being carried out, under an ordinary Estimate, but it will be impossible to prevent breaches again occurring unless there are means for shutting out the water altogether when there are very high freshes in the river

river The water at such
times, instead of being beneficial,
is very injurious both to the Channel
and the fields it passes through. I
therefore recommend the construction
of a simple head Sluice to regulate
the supply of water. a Calingulah is
also required in the bank of the Channel
at a part where some drainage streams
fall into it and where it usually breaches
into the Poonniar. This Calingulah will allow
of the escape of surplus water, and also of a
considerable quantity of sand, which would
otherwise fill up the Channel.

3. There will be no direct return from
these works, but they will be remunerative
in as much as they will prevent the
loss of revenue there is, when the Channel
breaches or when fields are injured by
excessive floods and deposits of sand
and the Collector therefore joins me in
recommending the construction of
these works. — I have &c.

Cuddalore 13th July 1857

(Signed) C. A. Foord
Dy Engr of South Arcot

No. 566

To
Arthur Cobb Esqr
Collector of South Arcot

To
Lieutenant C. A. Foord
District Engineer &c &c

Sir,

I have the honor to return
with my Countersignature the Estimate
of Rupees 2120 received with your
letter of the 5th Instant for Constructing
a Head Sluice to the Paunkum Channel
from the Pennear river and build-
ing a Calingoollah at a part where a
breach frequently takes place when the
Freshes are high. Both works are much wanted
and their execution will be attended with
beneficial results.

2 I therefore fully concur with you
in the expediency of carrying out the
projects as you proposed.

3 I cannot however say that any
increased of revenue will be obtained by
these Works as the full extent is nearly
all under Cultivation but it is well
worth

worth while to execute them, if only to avoid the Constant risk of repairing the bank of the Channel which under present Circumstances is unavoidable, and to save the Crops which invariably suffer where the bank is breached.

South Arcot
C. Mrs. Cutchery
Cuddalore
19th June 1857

Sd/ Arthur Hall
Collector

True Copy
(Signed) E. A. Foord
Dist. Engr. South Arcot

114

To No 5972

The Secretary to Government D. P. W.

Sir

I have the honor to forward, for submission to Government, plans and Estimates amounting to Rupees (2030) two thousand and thirty, for constructing a Head Sluice and balinguela on the Paukam Channel breaching from the Ponyour River in South Arcot.

Revenue
Irrigation

Enclosures
1 Copy of Letters for the
Dy Engr Arcot No 211
dated 13th July 1857
1 for the Collr
of So No 566 of
19th July 1857
2 Plans
1 Abstt Estt Rs 2030

2 The necessity for these Works is clearly explained in the accompanying Copies of letters from the Collector and District Engineer, and the papers were sent up to the Central Office in July last, but owing to the restrictive orders which were then received they were laid aside.

3 It seems however from Lieut Foord's statement, that the case is one so obviously necessary for the security of existing Revenue (the amount of which has been called for) that I feel even at this late period constrained

constrained to urge the entry of the Estimates
in the Budget of 1858/59

4 The Rates are moderate and
sufficient.

[Signed] C. E. Faber Coll[r]
Chief Engineer.

No. 211 Southern Circle

To
The Chief Engineer,
D. P. W.
Fort St. George

Sir,

I have the honor to forward
for Sanction an Estimate of Rupees
(2030) two thousand and thirty for building
a head sluice to the Pauttum Channel
Revenue Irrigation and also a Calingulah in its
bank, for the escape of surplus
water.

2 The Pauttum Channel
is led from the Ponnar River near
the crossing of No. 9 Trunk Road.

I

Central Office of P. W.
Fort Saint George
5th December 1857.

No. 5972

From
The Chief Engineer

To
The Secretary to Government
Public Works Department

Sir,

Revenue
Irrigation

I have the honor to forward, for
submission to Government, plans and Estimate of
amounting to Rupees (2030) two thousand and thirty,
Enclosures 5. for constructing a Head sluice and Calingulah
in the Pauttum Channel branching from the Ponnar
River in South Arcot.

2 The necessity for these works is
clearly explained in the accompanying Copies of letters
from the Collector and District Engineer, and
the papers were sent up to the Central Office
in July last, but owing to the restrictive orders
which were then received they were laid aside.

3 It seems however from Lieutenant
Foord's statement that the case is one so obviously
necessary

necessary for the security of existing revenue (the account of which has been called for) that I feel even at this late period constrained to urge the entry of the Estimates in the Budget of 1858/59.-

4 The rates are moderate and sufficient.-

I have the honor to be
Sir,
Your most Obedt Servant
Alfd Waters Colonel
Chief Engineer

Fort Saint George
15 Decr 1857

A.C.

A. C. A. Circle

To
The Secretary to Government
P.W.D

Camp III

Public Works Dept.

No. 2366

Extract from the Minutes of Commissariat

Under date the 22nd December 1857

Read the following

Letter from the Chief Engineer

(Memd. thereon 22nd December 1857 No. 5973)

Mr. Chief Engineer

Chief Engineer submits for
sanction an Estimate
Rupees 2,030, Sicca
for Bridges over Sundry
Nullahs on the Line
of Road from Cuttack to Pooree

Public Works Office
22nd December 1857

Approved

Secretary to Govt.

Dated 15th December 1857

Received 17th December 1857

Encls: 5. No. 5973

1 Returned with Govt. Order No. 58 dated 19th January

Govt. Order No. 2366. 22nd December

Forwarded herewith in the Budget of 1858/59 Plans and Estimate amounting to Rs. 2030 for Constructing a Road Culvert and Causeway in the Pargana of Khamel in the District of South Arcot

No 81.

19 Dec. R 21

regulate the supply of water
to for the adjacent Fields, and
the latter to prevent breaches
of the banks, and also to allow
of the escape of surplus water
and of a considerable quantity
of sand which during the
Freshes fills up the Channel
~~No Description in fact~~
~~remains is furnished as~~
~~to the revenues arising there~~
~~from~~

Lt. Floyd the District
Engineer says that "there will
"be no direct return from
"these works, but they will be
"remunerative in as much as
"they will prevent the loss of
"revenue." The Government
observes from the 2d. para of the
foregoing letter, that the
Chief Engineer has called
for a report of the amount of
Revenue that will probably be
saved by the construction of the proposed works; and till this is
furnished they resolve to
postpone the consideration
of the Estimates submitted
by the Chief Engineer as the
Budget is now closed, the
Chief Engineer is directed
not to send up any more Esti-
mates.

J.G.

9 Copies to the Chief Engr.
Cuttack 23d.

Public Works 1857 Dept.
Ex. Cons 22d December.

No. 2366.

Extract Minutes of Cons:
of 22d Dec. 57.

Ex. Proceedings of the Chief Engr. of 22d Dec. 57
(with Col. No. 2565 in Cons.
19 Jany 58

Resolving to postpone
the consideration of the Estimates
amounting to Rs. 2030 for
constructing a Head Sluice and
Calingulah in the Pantiram
Channel in the District of
Tanjore, till the Report
called for, of the amount of
Revenue that will be saved
by the proposed works, is
furnished.

No. 81 & 82.

19 Dec 57