1. Number of pages: 16
2. Date of repair: 20-10-08
3. Initials of Reference: 4

M.R.O. 1—82,400—22-11-80.

MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

Cons. 27-4-1858

G.O. No. 753 Press Mis.

Dated 23-4- 1858

Not to be folded or roughly handled

No. 20. Read the following letter from Colonel C. E. FABER, Chief Engineer; to H. FORBES, Esq., Acting Secretary to Government, dated 18th March 1858, No. 8225.

SIR,

1. I have the honor to forward, for submission to Government, an estimate with plan, for constructing three small arched bridges over the Roya Calwah in the Bellary District, at a probable expense of Rupees 1,800 in lieu of the same number of dilapidated flat bridges, which obstruct the channel so much as to diminish its discharge and cause silting above, and cutting below their respective sites.

1 Copy of letter from District Engineer of Bellary; to Collector No.1640 of 5th February 1858.
1 Copy of do. to Chief Engineer, No. 402 of 23rd February 1858.
1 Plan.
1 Estimate.

2. In the accompanying letters from the District Engineer to the address of the Collector and myself under dates the 5th and 23rd February 1858 Nos. 1640 and 402, it is stated that, as the present flat bridges fill up nearly half the water way, the measures being carried out for the improvement of the channel, by the clearing out of its bed, and the repair of its banks, will be nullified, unless the bridges be removed; and that it is expected that, if this be done, not only will the Cammalapoor tank be well supplied, but likewise a large tract of additional land be irrigated under the channel.

3. As the Collector by his countersignature, endorses the District Engineer's views, it appears that the removal of the obstructive flat bridges, and the construction of others of more suitable design, are necessary, and I therefore recommend sanction being given to the proposed outlay of Rupees (1,800) one thousand and eight hundred, from the amount assigned for repairs in the Bellary District.

Letter from Lieutenant J. F. FISHER, District Engineer of Bellary; to C. PELLY, Esq., Collector of Bellary, dated 5th February 1858, No. 1640.

SIR,

I have the honor to forward a plan and estimate amounting to Rupees 1,800 for the construction of 3 bridges on the Roya Calwah one of the Toombudra channels.

2. I lately inspected this channel the water from the river having been cut off from its head to Chittawady the channel banks have been cut through in as many places as the ryots pleased many of these have been closed and the banks restored, head sluices for irrigation purposes are being constructed and I trust this evil will be removed on their completion, from Chittawady to the Cumlapoor tank the channel banks are in better order but its bed has been considerably silted up, not by any thing which has occurred this year but by the accumulation of years, in my opinion this channel never has been properly cleaned, the jungle streams which it crosses are received into it and these bring down a great deal of deposit. I have directed all these streams to be passed under the channel by tunnels these works are at present under execution.

3. The Roya Calwah is the main feeder of the Cumlapoor tank, one of the principal reasons why this channel does not supply the tank to the extent it can do is, that almost all the water entering at the head of the channel is monopolized by the people about Chittawady, what water does find its way down the channel is obstructed by three flat bridges, above these works the channel is very much silted up, and below it is scoured out in proportion, the channel itself is not more than 18 feet wide and the pieds of these bridges occupy 8 feet obstructing $\frac{4}{9}$ of the water way. I propose taking down these old bridges and throwing small elliptical arches across 18 feet span $4\frac{1}{2}$ feet rise resting on abutments, raised 18 inches, this will give the channel a considerable increase of water-way.

4. I trust these measures and the removing some other obstructions in the bed of the channel will give a better supply to the tank, but this tank is not in itself capable of holding sufficient water from its Ayacut lands, and I consider the tank bank should be raised both as making the bank more safe and for holding an additional supply of water to extend the irrigation into the Godlakirry valley.

5. I have lately pointed out the line, which line with a channel towards the Godlakirry valley must take to the Zilladar at Cumlapoor and his opinion is I believe that 600 acres of land can be obtained for cultivation the people seem anxious to have the work executed as I have

shewn them how groundless their fears were regarding their village being swept away. I request therefore you will be good enough to direct the Kumply Tahsildar to examine the area, which is likely to be irrigated and to report upon the same as soon as possible, as if the area is as large as it is now supposed to be it may necessitate the widening of the Roya Calwah.

Letter from Lieutenant J. F. FISHER, District Engineer of Bellary ; to Colonel C. E. FABER, Chief Engineer, dated 23rd February 1858, No. 402.

SIR,

I have the honor to forward for your sanction, an estimate countersigned by the Collector amounting to Rupees 1,800, for constructing bridges across the Roya Calwah I have ordered the work to be commenced on emergency from the funds sanctioned for irrigation repairs. A copy of my letter to the Collector pointing out the necessity of the work is also submitted for your consideration.

2. With these improvements and the enlargement and general clearing out of the Roya Calwah which I have ordered to be executed this year. I have very little doubt but that not only will the Camlapoor tank be kept constantly full but that a large tract of country now lying entirely waste under the channel, will also be brought into cultivation, the exact area has not yet been correctly ascertained but it is supposed to be nearly 1,000 acres.

No. 21. ORDER THEREON, No. 753 ; dated 22nd April 1858.

The Government authorize the Chief Engineer to sanction the estimate submitted with the above letter, out of the funds allowed for repairs in the Bellary District.

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

(2)

District Engineers Office
Camp Bellary 5th Feby 1858.

No 1640

From
Lieutenant J F Fisher
District Engineer of Bellary

To
C Pelly Esqr
Collector of Bellary

Sir Dated 5th Feby 1858 No 1640

I have the honor to forward a Plan and Estimate amounting to Rupees 1800 — for the construction of 3 bridges on the Royacalwah one of the Poombidra channels

2 I lately inspected this channel the water from the River having been cut off from its head to Chittawady the channel banks have been cut through in as many places as the spots pleased-many of these have been closed and the banks restored, head sluices for irrigation purposes are being constructed and I trust this evil will be removed on their completion from Chittawa-dy to the Camlapoor tank the channel banks are in better order but its bed has

has been considerably silted up, not by any thing which has occurred this Year but by the accumulation of Years, in my opinion this Channel never has been properly cleaned, the jungle streams which it crosses are received into it and these bring down a great deal of deposit. I have directed all these Streams to be passed under the Chan=nel by tunnels these works are at present under execution.

3 The Porpacalvah is the main feeder of the Cumlapoor tank, one of the principal reasons why this Channel does not supply the tank to the extent it can do is, that almost all the water enter=ing the head of the Channel is monopolized by the people about Chittawady, what water does find its way down the Channel is obstructed by three Flat Bridges, above these works the Channel is very much silted up, and below it is scoured out in proport=ion, the Channel itself is not more than 18 feet wide and the piers of these bridges occupy 8 feet obstructing $\frac{4}{9}$ of the waterway. I propose taking down these old bridges and throwing small Elliptical Arches across 18 feet span 6½ feet rise resting on abutments, raised 18 inches, this will give the Channel a considerable increase

of

of waterway.

4 I trust these measures and the removing some other obstructions in the bed of the Channel will give a better supply to the tank, but this tank is not in itself capable of holding sufficient water from its Ryacut lands, and I consider the tank bank should be raised both as making the bank more safe and for holding an additional supply of water to extend the irrigation into the Godla=-=hurry valley.

5 I have lately pointed out the line, which line with a Channel towards the Godlahurry valley must take to the Zilladar at Cumlapoor and his opinion is I believe that 600 Acres of land can be obtained for cultivation the people seem anxious to have the work executed as I have shewn them how groundless their fears were regard=ing their village being swept away. I request therefore you will be good enough to direct the Kumply Tahsil=dar to examine the Area, which is likely to be irrigated and to report upon

the

the same as soon as possible, as if the
Area is as large as it is now supposed
to be it may necessitate the widening
of the Roya Calval

I have &c. &c.

(Signed) J F Fisher Lieut

District Engineer of Bellary

(True Copy)

J Fisher Lieut

District Engineer of Bellary

(True Copy)

Wd Sadler Colonel

Chief Engineer

1911

District Engineers Office
Bellary 23rd July 1858.

No 402.

From
Lieutenant J. T. Fisher
District Engineer of Bellary

To
The Chief Engineer
P.W.
Fort Saint George

Sir

I have the honor to forward for Your sanction, an Estimate countersigned by the Collector amounting to Rupees 1800 for constructing Bridges across the Roya Colwah I have ordered the work to be commenced on Emergency from the funds sanctioned for irrigation repairs. A Copy of my letter to the Collector pointing out the necessity of the work is also submitted for your consideration.

2 With these improvements and the enlargement and general clearing out of the Roya Colwah which I have ordered to be executed this Year. I have very little doubt but that not only will the Canal-poor tank be kept constantly full but that a large track of Country now lying

1858 Duplicate Estimate
No
Submitted in a letter from the Chief Engineer
Do
Do
To the Secretary
to Government P.W.D.

Dated Bellary
the 23rd July
1858

Copy
Copy of a letter from the Executive Engineer
to the Collector of Bellary
dated 23rd February 1858.
No 1103. - On the consideration of the Circumstances mentioned in your letter I have authorized the Commencement of the Repairs to the Roya Colwah

lying entirely waste under the channel, will also be brought into cultivation, the exact area has not yet been correctly ascertained but it is supposed to be nearly 1,000 acres

I have &c &c

(Signed) J F Fisher Lt.
District Executive Bellary

(True Copy)

Lt Fisher Colonel
Chief Engineer

1861

No. 8225 — Central Office of P.W.
Fort St. George 18th March 1858.

From The Chief Engineer

To The Secretary to Government
P.W. Department

"Public"

Revenue
Irrigation

Sir.

I have the honor to forward, for submission to Government, an Estimate with Plan, for constructing three small arched Bridges over the Roya Calavaih in the Bellary District, at a probable expense of Rupees 1,800, in lieu of the same number of dilapidated flat Bridges which obstruct the Channel so much as to diminish its discharge, and cause silting above, and cutting below their respective sites.

2. In the accompanying letters from the District Engineer to the address of the Collector and myself, under dates the 5th and 23d February 1858 Nos 1640 and 402, it is stated that, as the present flat Bridges fill up nearly half the water-way, the measures being carried out for the improvement of the Channel by the clearing out of its bed, and the repair of its banks, will be nullified, unless the Bridges be removed, and that it is expected that, if this be done, not only will the Cummalapoor Tank be well supplied, but likewise a large tract

Enclosures 4.
1 Copy of Letter from District Engineer to Collector No: 1640 of 5th Feby 58.
1 Copy of do. to Chief Engineer No: 402 of 23d Feby 58.
1 Plan
1 Estimate.

1858 Department

No.

Enclosure in Letter from the Chief Engineer

To

The Secretary to Government
P.W. Dep.t

Dated 18th March 1858.

Received

No. 8225
Copy of Letter from Chief Engr.
Bellary to Revenue Despatch
Estimate
amounting to Rupees 1800
for construction of Bridges
over Roya Calavaih
in Cummalapoor
Tank

tract of additional land be irrigated under the Channel.

3. As the Collector by his Counter-signature endorses the District Engineer's views, it appears that the removal of the obstructive flat N Bridges, and the construction of others of more suitable design, are necessary, and I therefore recommend sanction being given to the proposed outlay of Rupees /1800/ One thousand and eight hundred, from the amount assigned for Repairs in the N Bellary District.

I have the honor to be

Sir.

Your most Obed[t] Servant.

Central Office of Ry.
Fort St George
18[th] March 1858.

A.W. Fraser Colonel
Chief Engineer

G.H.C.

No 753

The Government can authorize the Chief Engineer to sanction the Estimate submitted with the above letter, out of the funds allowed for repairs in the Bellary District.

Fort St George
22d April 1838

A Copy to the Chief Engr with Extract Proc.
Copy No 23

No 753

From
The Chief Engineer
To the Secy to Government
Rev Department

Dated 18th March 1838
Rec'd 19th March 1838

Rs 8225-

Encls 4
No 753. 22d April 1838.

Towards Plan and Estimate for 3 Bridges over Roya Canal in the Bellary District with Copies of letters from District Engineer & Collector and Chief Engineer and recommending their construction being sanctioned at a probable outlay of Rupees 1800 from the funds assigned for Irrigation Repairs in Bellary.

With an Order.

No 20 to 21

Encl 10 Papers

Cuttack