

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer *CP***MADRAS RECORD OFFICE.****Government of Madras.***Public Works* **DEPARTMENT.***Cons. 10-11-1859*

G.O. No.	<i>2592</i>	Press ~~Mis~~
<i>51-52</i> Dated	<i>4-11-</i>	<i>1859</i>

Not to be folded or roughly handled*Rev
2/2/58*

(1)

*Proceedings of the Madras Government, Public Works Department,
for the month of November 1859.*

No. 51. Read the following letter from Lieutenant-Colonel J. H. BELL, Chief Engineer ;
to J. D. BOURDILLON, Esq., Secretary to Government, dated 17th October 1859,
No. 6217.

I have the honor to forward herewith, a plan and estimate, amounting to Rupees 6,680, for raising the band and kalingala of the Parghi tank in the Pengonda taluq of the Bellary district.

1 Letter from Collector of Bellary, dated 29th June 1859, No. 17, with 2 enclosures.
1 do. to Dist. Engr. of Bellary, dated 29th July 1859, No. 3213.
1 do. from do. dated 17th August 1859, No. 163, with 2 enclosures.
1 do. to Collector, dated 17th September 1859, No. 5142.
1 do. from do. 21st do. No. 21, with 1 enclosure.
1 Plan.
1 Abstract estimate.

2. An estimate of Rupees 5,670 was sanctioned by this office on the 31st May 1858, (but as it appears to me erroneously, with the impression that the estimate came under the head repair) for raising the band of this tank one yard, and the kalingala $\frac{1}{2}$ a yard; in order to provide a better supply of water for the 2nd crop. The present estimate provides, for raising the kalingala one yard, strengthening the band throughout and raising it to a height of $2\frac{1}{2}$ yards above it; which, besides having the advantage formerly contemplated, will add largely to the revenue by increased cultivation. The estimated cost of the contemplated improvements is Rupees 10,690, from which deducting Rupees 4,010 (the balance remaining of the former sanction), the amount now requiring sanction is Rupees 6,680.

3. The average cultivation for the past five years under this tank was 1,378 acres, yielding Rupees 5,664, and adding fusi jasti (or the amount levied on a second crop) the revenue was Rupees 6,456. If the proposed improvements to the tank are executed, it is expected by the Collector and the District Engineer, that 829 acres of waste and dry land will be brought under cultivation, yielding a revenue of Rupees 2,326, and a fusi jasti of Rupees 500; to which must be added Rupees 790, the expected increase on the present fusi jasti, arising from the additional supply of water on the existing wet cultivation, making a total increase of revenue under this tank of Rupees 3,616. But the amount must be considered as reduced to Rupees 3,000, according to the local officers calculations, owing to certain lands, under adjacent tanks, being swamped by the increased spread of water which will follow on the proposed improvements.

4. The holders of the land which will be submerged; have, the Collector states, agreed to take up waste land under the Parghi tank in lieu without any compensation.

5. The project appears to have been carefully drawn up by Captain Syme, and has my approval. The estimate has been duly examined and the rates are found to be moderate but sufficient. I accordingly recommend that sanction be given for the entry of the work in the budget for 1860-61.

From Collector, dated 29th June 1859.
To Dist. Engr. 29th July.
From do. 17th August.
To Collector 17th September.
From do. 21st do.

6. The correspondence as per margin is enclosed.

No. 52. ORDER THEREON, 4th November 1859, No. 2592.

1. This is an application for entering in the budget of 1860-61, the sum of 6,630 Rupees for raising the band and kalingala of the Parghi tank in the Pengonda taluq of the Bellary district. The estimate is really one of 10,690 Rupees; but as there is a balance of 4,010 Rupees available out of a former estimate of 5,670 Rupees, stated to have been sanctioned by the Chief Engineer for a similar purpose, the difference of 6,680 Rupees only requires sanction.

2. The former estimate was for raising the band one yard and the kalingala half a yard, in order to provide a better supply of water for the second crop. But it is now proposed to raise the kalingala a full yard and the band to a height of two and a half yards above it, besides strengthening the band throughout; by which means, it is stated, a considerable extent of additional cultivation may be effected. The total increase of revenue to be thus obtained, after allowing for certain lands in other villages which will be submerged by the water spread, is calcu-

*Proceedings of the Madras Government, Public Works Department,
for the month of November 1859.*

lated by the local officers at 3,000 Rupees. It is further stated that the tank is well supplied by a channel from the river; and that the rāyats now occupying the land to be submerged, have declared their willingness to take in lieu of that land under the tank to be brought under irrigation by the proposed work.

3. From the papers before Government this appears likely to be a remunerative undertaking, and the Government authorize the Chief Engineer to insert it in the next budget.

4. There are two points however on which further information will be required at that time before the work can be finally sanctioned; viz. first, as to the sufficiency of the supply to the tanks, and whether any, and what, outlay will be necessary to improve it, in order to ensure the enlarged tanks being regularly filled; second, Government must be assured that definite arrangements have been made with the holders of the land to be submerged, as to the land to be taken by them in lieu of that. Respecting the former of these particulars, viz. the tank supply, clear information must be furnished; so that Government may not be liable to be called on, after the tank shall have been enlarged, to sanction additional outlay not before mentioned, to improve the supply.

5. The Chief Engineer will point out to the District Engineer the very imperfect state in which he first submitted this project; so that after two references, further information still remains to be supplied. Captain Fisher should remember how much this incomplete style of transacting business tends to produce unnecessary correspondence.

6. The Government agree with the present Chief Engineer that the former estimate was for an improvement, not for a repair, and as such required the sanction of Government.

(Signed) J. D. BOURDILLON,
Secretary to Government.

Central Office of P.W.
Fort Saint George
17 October 1859

6217

From,
The Chief Engineer.

To,
The Secretary
to Government P.W.D.

Irrigations

Sir,

Encls. 12

1 letter from Mr. J. Bellamy dated 29th June 1859, No. 1726 & 2 Encls.
1 do do do 29th July 1859, No. 3213.
1 do from do dated 29th Aug. 1859, No. 3213 with 2 Encls.
1 do to Mr. Bellamy dated 29th Sept. 1859, No. 3213.
1 do from do dated 29th Oct. 1859, No. 3213 with 1 Encl.
1 Plan
1 Abstract Estimate

I have the honor to forward herewith a Plan, and Estimate amounting to Rupees 6680, for raising the Bund and falingulah of the Purshur Tank in the Pengondah Talook of the Bellary District.

2. An Estimate of Rupees 5,640 was sanctioned by this Office on the 31st May 1858 (but as it appears to me erroneously, with the impression that the Estimate came under the head Repair) for raising the Bund of this Tank one yard, and the falingulah 1/2 a yard; in order to provide a better supply of water for the 2nd crop. The present Estimate provides, for raising the falingulah one yard, strengthening the Bund throughout

throughout and raising it to a height of $2\frac{1}{2}$ fms above it, which, besides having the advantage formerly contemplated, will add largely to the revenue by increased cultivation. The Estimated cost of the contemplated improvements is Rupees 10,690 from which deducting Rupees 4,010 (the balance remaining of the former sanction) the amount now requiring sanction is Rupees 6,680. . . . —

3. The average cultivation for the past 5 years under this Tank was 1,378 acres yielding Rupees 5,664: and adding Fuel Sasti (on the amount levied on a second crop) the Revenue was Rupees 6,456. If the proposed improvements to the Tank are executed it is expected by the Collector and the District Engineer that 229 acres of waste and dry land will be brought under cultivation, yielding a Revenue of Rupees 2,326, and a Fuel Sasti of Rupees 500, to which must be added Rupees 790, the expected increase on the present Fuel Sasti arising from the additional supply of water on the existing wet cultivation, making a total increase of Revenue under this Tank of Rupees 3,616. But the amount must be considered as reduced to Rupees 3,000, according

Collector's letter 29 June 1859
and enclosed. —

Collector's letter to District Engineer
17th 1859 11th August.

5 according to the local Officers calculations, owing to certain lands, under adjacent Tanks, being swamped by the increased spread of water which will follow on the proposed improvements. —

4. The holders of the land which will be submerged, have, the collector states, agreed to take up waste land under the Purghee Tank in lieu without any compensation.

5. The project appears to have been carefully drawn up by Captain Syme, and has my approval. The Estimate has been duly examined and the rates are found to be moderate but sufficient. I accordingly recommend that sanction be given for the entry of the work in the Budget for 1860/61. —

From Collector's letter 29 June 1859
To District Eng. — 29 July
From do — 17 August
To Collector — 17 September
From do — 21st do

6. The correspondence as per margin is enclosed. —

Encl. Office of P. O.
Fort Saint George
17 October 1859

Yr. Obedt.
To the Chief Eng. for
the P. O. Chief Eng. & the P. O.

Wm. J. J. J.

I have the honor to be,
Sir,
Your most obedient Servant
J. H. Bell
Chief Engineer

228 Oct 1859

No 51.

Received of Mr. J. H. ...
the sum of Rs. 100/-
being the amount of ...
for the year 1858-59.
J. H. ...
17th October 1859.

Oct 17 1859
Revenue 245
N. H. ...
Rs 1592. 4 2 Nov 2.

Chief Engineer
J. H. ...
to the Secretary
to the Government

Oct. 17th 1859
Received of Mr. J. H. ...
the sum of Rs. 100/-
for the year 1858-59.
J. H. ...

Revenue Irrigation.

(3)

(New Work)

Abstract of Estimate No. of 185 / 5

District — Bellary

Talook — Pargondah Village

Work — Raising Calingalah one yard and Bund to a Perpendicular height of 2 1/2 yards above Calingalah

Quantities.	Description of Work.	Rate.	Amount.	Amount of each part.
C. Yards.		Rs. a p.	Rupers.	Rupers.
1511	New Stone ———— 1/2 Cys	" 8 "	2255	
100 3/4	Old ———— 2 1/2	" 2 "	13	
61006	Earth ———— 2 1/2	" 1 8	6355	
61006	Stamping ———— 2 1/2	" " 3	953	
140	Brick in Churnam ———— 2 1/2	3 " "	510	
290	Sp. 1/2 Plastering ———— Sp. 1/2	" 3 "	92	
	Extra Establishment & Sundries	" " "	512	
	Total Rupers		10690	
	Less Sanctioned Expenditure			
	amount in hand			4010

Net Amount requiring Sanction Rs 6680

Central Office of Mr.
Fort Saint George
17 October 1859

J. H. ...
Chief Engineer
28/10/59

Quantities.	Description of Work.	Rate.		Amount.	Amount of each part
		No.	A P.	Rupers.	Rupers.
C. Yards.					

Enclosure

India Letter

From

The Chief Engineer

28/10/59

To

The Secretary to Govt.

28/10/59

N^o 2753/59

Dated 17th
Received

October 1859

N^o 6217

Abstract Estimate for
Raising a Calingulab one pair
and the Bund to a Perpendicular
height of 2 1/2 yards above Calinga-
lah in the District of Bellary.
Amounting to Rs 6680

(18)

Proceedings of the Madras Government

Under date 4th Novr/59

Read the following letter
from the Chief Engineer

Recommends for entry in the bud-
get, an estimate of 6,680 Rs for rais-
ing the band and Kalingala of the
Parghi tank in Bellary (Here enter 17th Oct. 1859 N^o 6217)

1. This is an application
for entering in the budget of 1860/61,
the sum of 6,680 Rs for raising
the band and Kalingala of the
Parghi tank in the Pongoda
tahiq of the Bellary District.
The estimate is really one of 10,690
Rs, but as there is a balance
of 4,010 Rs available out of a for-
mer estimate of 5,670 Rs, stated
to have been sanctioned by the
Chief Engineer for a similar
purpose, the difference of 6,680
Rs only requires sanction.

2. The former estimate
was for raising the band one
yard

yard and the Kalingala half
a yard, in order to provide a better
supply of water for the second
crop. But it is now proposed to
raise the Kalingala a full
yard and the band to a height
of two and a half yards above it,
besides strengthening the band
throughout, by which means,
it is stated, a considerable ex-
tent of additional cultiva-
tion may be effected. The to-
tal increase of revenue to be
thus obtained, after allowing
for certain lands in other vil-
lages which will be submerged
by the water spread, is calcula-
ted by the local officers at
3000 Rs. It is further stated that
the tank is well supplied by
a channel from the river, and
that the rayats now
occupying the land to be sub-
merged, have declared their wil-
lingness to take in lieu of that
land

land under the tank to be
brought under irrigation by
the proposed work.

3. From the papers be-
fore government this appears
likely to be a remunerative
undertaking, and the Govern-
ment authorize the Chief
Engineer to insert it in the
list to be submitted for the
annual review preparatory
to the framing of the ^{next} budget.

4. There are two points
however on which further in-
formation will be required
at that time before the work
can be finally sanctioned,
viz. first, as to the sufficiency
of the supply to the tanks, and
whether any, and what,
outlay will be necessary to
improve it, in order to ensure
the enlarged tanks being re-
gularly filled; second, Govern-
ment must be assured
that

that definite arrangements
have been made with the
holders of the land to be sui-
merged, as to the land to be
taken by them in lieu of that.

Respecting the former of the
particulars, viz. the tank
supply, clear information
must be furnished, so that
Government may not be
liable to be called on, after
the tank shall have been
enlarged, to sanction addition-
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tioned, to improve the supply.

The Chief Engineer
will point out to the Dis-
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perfect state in which he
first submitted this project,
so that after two references,
further information still
remains to be supplied. Mr
Capt Fisher should remem-
ber how much this incomplete

style

15

style of transacting business
tends to produce unnecessary
correspondence.

The Government
agree with the present
Chief Engineer that the
former estimate was for
an improvement, not for a
repair, and as such, requires
the sanction of Government.

J. A.

10 Copies to the Chief Engineer. Dist. 5?

Public Works 1859 Sept.
Pro. of Govt. 10th Nov.

No 2592.

no. of the Madras Govt.

D^y 4th November 1859.

From the Chief Eng^r 2/14 April 60

Est. 9/13 imp. 30-75-85-86

Estimate for raising
the bank and Kalungala
of the Parghi tank in
Bellary to be inserted in
the list preparatory to the
framing of the budget.

No 51452.

C 23 October 1859 Nov.