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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.
En 576/57

G.O. No.	<u>576</u>	Press
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<i>30 3/</i>		
Dated	<u>5-4-</u>	<u>1857</u>

Not to be folded or roughly handled

Fort Saint George, Public Works Consultation of 5th April 1859.

No. 30. Read the following letter from Colonel C. E. FABER, Chief Engineer; to J. D. BOURDILLON, Esq., Secretary to Government, dated 11th March 1859, No. 8510.

SIR,

I have the honor to submit for the sanction of the Right Honorable the Governor in Council, an Estimate, amounting to Rupees (3,200) three thousand and two hundred, for excavating a new supply Channel and constructing Dams for the manufacture of Salt from the Cotta Coodoo near to Moonepada, in the District of Masulipatam.

2. The work in question, Captain Chambers states in a letter* quoted in the margin, will in a great measure do away with the heavy yearly charge now unavoidable, and otherwise facilitate the manufacture of Salt in the Masulipatam Collectorate. At present the Mauttum Dam is annually destroyed by floods and the expense of renewing it is considerable, while the delay experienced on each occasion is very detrimental to the manufacture of Salt; and not only does the revenue thus occasionally suffer, but the Dam itself proves an obstacle to navigation. This would be obviated by the construction of the proposed Dams at other sites.

3. Under these circumstances, I beg to recommend that early and emergent sanction may be given to the Estimate herewith forwarded, the rates of which appear moderate and yet sufficient for the execution of the work. The Collector has countersigned the Estimate in testimony of his approval.

From Lieutenant OSBORNE CHAMBERS, District Engineer in charge Kistnah Division;
to the Chief Engineer, Department Public Works, dated Bezoarah, 4th February 1859,
No. 124.

SIR,

I have the honor of submitting with the countersignature and approval of the Collector, an Estimate* for digging a cut through swamps near the Buntoonilly Salt Pans, which will, in a great measure, do away with a heavy yearly charge now unavoidable, and otherwise facilitate the manufacture of Salt in the Masulipatam Collectorate. Mr. Ottaman's Report and Sketch, which accompany the Estimate fully explain the project, and leave nothing more for me to say on the subject, except that I hope the Estimate may receive early sanction at your hands, in order that the work may be at once undertaken and fully executed before the rains.

Report on Mauttum Dam.

The Mauttum Yairoo, a branch of the Samuldiva* Channel was till 1852, the main supplying Channel for the manufacture of Salt. In 1853† to prevent the Godavery water from entering this channel a Dam was thrown across it, and a new supplying Channel was excavated for the supply of Sea water from the Coortyvanee Swamp, west of Colonel Kenny's Bungalow, joining it with the Cottayairoo, an inlet of the Sea, which crosses the Coast Road from Masulipatam to Nursapoor.

The Mauttum Dam is annually destroyed by flood waters discharging into this channel and the trouble experienced every year to reconstruct it, is very great, and it is with the greatest difficulty that coolies can be procured to come to the site where the Dam is situated to do the work, as there is not a single tree for shelter nor a village within 2½ miles except one, a fisherman's village, where nothing can be had, and as the workmen are brought from a great distance, they are obliged to remain exposed for days until the work is completed.

The expense for renewing the Dam is considerable, and the delay is of great disadvantage for the manufacture of Salt, that the Estimate for Salt, falls short, especially this season, besides

*Letter from District Engineer Kistnah Division No 124, dated 4th February 1859.
Report by Mr. Sub Engineer Ottaman.
1 Sketch.
1 Abstract Estimate Rupees 3,200.

* Ooppootair.
† The Godavery fresh water in the year before had spoilt the making of Salt.

Fort Saint George, Public Works Consultation of 5th April 1859.

which the Dam is an obstruction to Navigation, which is very considerable. Had the Dam not been destroyed the past season, the manufacture of Salt would have been completed in March, and the estimated quantity of Salt realized.

To prevent an annual outlay of so large a sum of money and not to obstruct navigation, I would recommend a new supplying channel being excavated up to near Moonepada from the Cotta Coodoo. I have examined the line, and would strongly recommend the work being commenced with, that it may be completed by the middle of January next. This new channel will do away with the Mauttum Dam and Boats &c., will then be able to ply up to within 2 miles of Buntumulle for Salt and general commerce. A Dam will be necessary at Moonepada and Cotta Coodoo, but the expense will be trifling in comparison to that annually required for the Mauttum Dam, the Dam will be near the Cutcherry, and attention would be paid to its preservation.

The line proposed, it will be seen from the Sketch, is through the Swamp from the Cotta Coodoo, should any repairs be required, the workmen would more willingly come to undertake the work than they do at present there being villages along the line.

The existing Dam. A watch at the Dam would be very desirable, as it would prevent the Dam being cut open by the Boat or Pully people, as I suspect that the past season the Dam was cut through and not destroyed by flood water, should the Dam require any trifling repairs the watchmen could do the work themselves, if of any magnitude, one of the watchmen could leave the place and report the circumstance to the Ameen's who would send people to do what is required; should there be a flood of water from the land it would be impossible to save the Dam from being destroyed, as the swamp on all sides would be covered with water, and no earth could be had or even workmen, I would therefore recommend that two men be employed to watch the Dam to prevent it from being destroyed and to keep it in order if possible this season, and that the watchmen be provided with 2 momaties, 2 crowbars, and 24 baskets.

(Signed) A. T. OTTMAN,
Sub Engineer, Kistnah Division.
(Signed) W. KNOX,
Collector.

(Signed) O. CHAMBERS, Lieut.,
Acting District Engineer, Kistnah Division.

No. 31. ORDER THEREON, No. 800; dated 5th April 1859.

The Honorable the Governor in Council sanctions out of the one lack fund the Estimate amounting to Rupees (3,200) three thousand, and two hundred submitted with the above letter for excavating a new supply Channel from the Cotta Coodoo to near Moonepada in Masulipatam, and constructing two Dams; with the view of facilitating the manufacture of Salt in that District.

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

3K

N:124

The Chief Engineer
Department Public Works
Fort Saint George.

Have the honor of submitting with the countersignature and approval of the Collector, an Estimate for digging a cut thro' swamps near the Buntumully salt pans, which will, in a great measure, do away with a heavy yearly charge now unavoidable, and otherwise facilitate the Manufacture of salt in the Masulipatam Collectorate. Mr. Ottman's report and sketch, which accompany the Estimate fully explain the project and leave nothing more for me to say on the subject except that, I hope the Estimate may receive early sanction at your hands, in order that the work may be at once undertaken and fully executed before the rains.

Have the honor to be, Sir,

Bergarah
4 February
1859

Sir
Your Most Obedient Servt.
Signed O. M. Chambers Esq.
Dist. Engineer in charge
Kistnah Division

Report

Report on Manttum Dam.

The Manttum gives a branch of the Samuldiva Channel was till 1852 the main supplying Channel for the manufacture of Salt. In 1853 to prevent the Godavery water from entering this Channel a Dam was thrown across it, and a new supplying Channel was excavated for the supply of sea water from the Coortyance Swamp west of Colonel Kenney's Bungalow, joining it with the Cottagairas an inlet of the sea, which crosses the Coast Road for Masulipatam to Narsapur.

The Manttum Dam is annually destroyed by flood waters discharging into this Channel and the trouble experienced in repairing it is very great, and it is with the greatest difficulty that coolies can be procured to come to the site where the Dam is situated to do the work, as there is not a single tree for shelter nor a village within 2 1/2 Miles except one, a fisherman's village, where nothing can be had and as the workmen are brought from a great distance they are obliged to remain exposed for days until the work is completed.

The expense for renewing the dam is considerable and the delay is of great disadvantage for the manufacture of Salt that the Estimate for salt falls short, especially this season, besides which

+ or 30 feet

* The Godavery fresh water in the year before had spoiled the making of Salt.

the Dam is an obstruction to Navigation which is very considerable. Had the Dam not been destroyed the past season the Manufacture of Salt would have had been completed in March, and the Estimated Quantity of salt realized.

To prevent an annual outlay of so large a sum of Money and not to obstruct Navigation, I would recommend a New supplying Channel being excavated up to near Moonepada from the Cotta Coodos. I have examined the line and would strongly recommend the work being commenced with that it may be completed by the middle of January next. This new Channel will do away with the Manttum Dam and Boats will then be able to ply up to within 2 Miles of Buntmallee for salt and general Commerce. A Dam will be necessary at Moonepada and Cotta Coodos, but the expense will be trifling in comparison to that annually required for the Manttum Dam. The Dam will be near the Cutchery and attention would be paid to its preservation.

The line proposed, it will be seen from the sketch is through the swamp from the Cotta Coodos. Should any repairs be required the workmen would more willingly come to undertake the work than they do at present their being villages along the line.

the Existing dam.

A Watch at the Dam would be very desirable.

1859 Defunct

Enclosure in a letter

From

The Chief Engineer

To

The Secretary to Govt

1859

Dated 11th March 1859

No 8570

1858/59

Office of Correspondence
from the Chief Engineer
to the Secretary to Govt
for early answer on foot
for doing a cut the amount
near the waterworks
from amounting to Rs 2000.

desirable, as it would prevent the Dam being cut open
by the Boat or Pulley people, as I suspect that the past season
the Dam was cut through and not destroyed by flood water.
Should the Dam require any trifling repairs the watchmen
could do the work themselves if of any magnitude one of
the watchmen could leave the place and report the
circumstance to the Ameen who would send people to do what
is required, should there be a flood of water from the land
it would be impossible to save the Dam from being destroyed
as the swamp on all sides would be covered with water
and no earth could be had or even workmen. I would
therefore recommend that two men be employed to watch
the Dam to prevent it from being destroyed, and to keep
in order if possible this season, and that the watchmen
be provided with 2 Bomatoes, 2 Crowbars and 24 Baskets.
This was done and
the dam saved.

Respectfully
6 June 1858
Signed J. Ottman
Chief Engineer
Division
Collector
Chambers St
Chief Engineer
J. Ottman
Captain
Supr. Eng. No 2
Cuele

1859

Revenue Irrigation.

(New Work)

Abstract of Estimate No. of 185 / 5

District Masulipatan.

Talook Pednach Village.

Work Excavating a new supplying Channel for the
Manufacture of salt from the Cotta Cotta to near Mannapadu

Quantities.	Description of Work.	Rate.		Amount.	Amount of each part
		Rs.	A P	Rupies	Rupies.
C. Cuts.					
16,200	Earth work Excavating Channel 7 1/2 ft.	1		2888	
1600	Do Tur Dams 1 1/2 ft.	1		100	
	Sundries and Contingencies			212	
Total				Rupies	3200

Subal Office of P.W.
Fort St. George.
11 March 1859

Mr. Lister Colonel
Chief Engineer I. P. W.

11/18/59

11/18/59

Enclosure

Private Letter

From

The Chief Engineer

D. P. H.

To

The Secretary to Government

D. P. H.

Dated 11. March 1859
Received

MDCCC59

N^o 8510

Abstract of the work done in the
a new supply of salt for
the Manufacture of salt from
the Cotta Coodoo in the District

Amounting to

Public

Enclosure 3
+ 1 Copy of letter from
Letter from D^r Eng^r
H. D^r N^o 124. dated
4th February 1859.
Report by Mr. S. L. S. L.
Eng^r Ottomana
1 Sketch
1 Abstract Est^d Rs 3200.

From, The Chief Engineer.

To, The Secretary to Government

Public Works Department.

Sir

I have the honor to submit for the sanction of the Right Honorable the Governor in Council, an Estimate amounting to Rupees 3200/ Three thousand and two hundred, for excavating a new supply Channel and constructing dams for the Manufacture of salt from the Cotta Coodoo to near Moonepada, in the District of Masulipatam.

2. The work in question, Captain Chambers states in a letter quoted in the Margin, will in a great measure do away with the heavy yearly charges now unavoidable, and otherwise facilitates the Manufacture of salt in the Masulipatam Collectorate. At present the Maantham Dam is annually destroyed by floods and the expense of renewing it is considerable, while the delay experienced on each occasion is very detrimental to the Manufacture of salt; and not only does the revenue thus occasionally suffer, but the dam itself proves an obstacle to navigation. This would be obviated by the Construction of the proposed dams at other sites.

Under

3. Under these circumstances, I beg to recom-
mend that early and Emergent sanction may be given
to the Estimate herewith forwarded, the rates of which
appear moderate and yet sufficient for the execution of
the work. The Collector has Countersigned the
Estimate in testimony of his approval.

I have the honor to be,

Sir

Your Most Obedient Servant

W. P. Fisher Colonel

Chief Engineer

W. P.

Chief Officer
Fort St. George
11th March 1859

W. P.

20th March 1859. *Deposits*
into *April*.
No 585.

From *the* *Chief Engineer*
to *the* *Secretary to Council*
W. D.

Dated *11* *March* *1859.*
No *1148*

No *8510*

Archibald

Admission for donations and
Estimate's amounting to Rs. 3200, for
securing a river through Chand:
and for constructing dams for the
transportation of salt from the
other end to near Mungpaka
in the District of Mungpaka.

1330 531.

20th March 1859. *W. D. D. D.*

W. D. D. D.
1330-531. April 1859.

No *800.*

The Right Honorable the

Governor in Council and Honorable
the one the fund the estimate
amounting to Rs. 3200, the
thousand and two hundred
submitted with the above letter
for securing a new supply
channel from the other end to
near Mungpaka in Mungpaka
district, and constructing
dams with the view of
facilitating the transportation
of salt in that District.

From *the* *Chief Engineer*
to *the* *Secretary to Council*
W. D. D. D.
1330-531. April 1859.