M.R.O. 1—10,006—23-2-50.

(1) Number of pages

(2) Date of repair

(3) Initials of the Referencer

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No. 1068-69 (9) Press Original
~~B.P. No.~~ ~~Mis.~~

Dated 27. 4. ~~195~~ 1874

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department, 27th April 1874.

Read the following papers :—

No. 327. From Lieutenant-Colonel J. F. FISCHER, R.E., District Engineer, Godavery, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, dated Dowlaishweram, 11th February 1874, No. 3,365.

WITH reference to your memorandum, No. 81, dated 27th January 1874, and in continuation of my telegram of the 7th instant, I have the honour to inform you that of the allotment, viz., Rupees 2,00,000 for the Eastern Delta Project, Rupees 1,00,000 will not be required. In explanation of this surrender of grant the Range Officer states that, as there are no masonry works of importance remaining to be executed, and as the larger item of expenditure will be in earthwork, it is not expected that more than 1,00,000 Rupees can be got through during the current official year. For further explanations I would ask a reference to my letter, No. 2,295, dated 27th October 1873.

2. The amount to be surrendered from the allotment for the Western Delta Project is Rupees 10,000. The cause of this is owing to the opening of the Attili and Undi Canals early in May for the sake of irrigation, and the closure of the canals somewhat later than was anticipated by the Range Officer. If this latter sum be not wanted elsewhere, it may be left at my disposal, and my best efforts will be made to utilize on the proposed extension of the irrigation channel from Ellore Canal for the supply of lands of Agadala lunka and Chittenpad lunkas, an estimate for which was submitted with my letter, No. 3,285, dated 7th February 1874.

3. I would add that three years ago I applied for an increase of the floating plant of the district, and this application was in accordance with Colonel Orr's recommendations and fully supported by Colonel Rundall; after his late tour of inspection very little has been done in this matter as yet, and if the works are to be carried on systematically in all the deltas the plant must be increased as soon as possible; this year it was as much as we could do to supply the Western Delta with materials for all the works Mr. Walch put in hand, and nothing could be done for the Eastern and Central Deltas, and very little in the way of dredging; I had long ago expected we might have all three deltas on hand at once, as the Government were losing so much revenue quite unnecessarily owing to the incomplete state of this project, and it is only because this has not been the case we have been able to do as well as we have done.

From Lieutenant-Colonel J. F. FISCHER, R.E., District Engineer, Godavery, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation and Joint Secretary to Government, Public Works Department, dated Dowlaishweram, 4th October 1873, No. 2,073.

WITH reference to your memorandum, No. 550, dated 25th August 1873, I have the honour to report as follows :—

The amount applied for for the Eastern Delta Project in my budget list for 1873-74 sent in September last was only Rupees 1,00,000, and this Captain Brockman states was the proposed expenditure in the current official year. The Range Officer has, however, been requested to explain why the full allotment of Rupees 2,00,000 sanctioned by Government cannot be expended during the year, and his explanation will be duly communicated.

Funds for the current official year for the Samulcotta road have not yet been provided by the Local Fund Board of the Cocanada Circle; steps will, however, be taken for the adjustment of the expenditure on this road in the current official year. The excess expenditure on the Samulcotta Canal is due to higher rates being given for portions of the clearing of this canal, as the soil was of a harder nature (gravelly) than was originally contemplated; a portion of this excess will be recovered when the adjustments above referred to are carried out.

With regard to the small expenditure in the Western Delta, I have to state that there was the large sum of Rupees 18,000 expended in the month of July 1873, and this added to the expenditure of the past three months shows that a fair progress has been made up to that month. I expect that the full allotment on this project will be expended, and I have accordingly given instructions to Mr. Walch about the same.

The details of the estimate for Ellore Canal, viz., Rupees 2,43,700, are—

		RS.	RS.
	A.—Main Canal.		
1.	Earthwork	31,580	
2.	Masonry	23,420	
			55,000
	B.—Mid Level Channel.		
1.	Earthwork	23,800	
2.	Masonry	31,940	
3.	Compensation for land	8,440	
			64,180
	C.—Low Level Channel.		
1.	Earthwork	6,150	
2.	Masonry	10,380	
3.	Compensation for land	2,760	
			19,290
	D.—Pundicodu Drain.		
1.	Earthwork	34,600	
2.	Masonry	19,545	
3.	Compensation for land	5,385	
			59,530
	E.—Drain from 9½ miles. Mid Level Channel.		
1.	Earthwork	18,530	
2.	Masonry	3,370	
3.	Compensation for land	2,100	
			24,000
	F.—Drainage Diversion.		
1.	Earthwork	18,550	
2.	Masonry	3,150	
			21,700
			2,43,700

From the same Officer, dated Dowlaishweram, 27th October 1873, No. 2,295.

WITH reference to paragraph 1 of my letter, No. 2,073, dated 4th instant, I have the honour to inform you that Captain Brockman explains that the expenditure in the Eastern Delta Range under the head "Agricultural, Extraordinary" up to end of September 1873 amounts to Rupees 47,395, leaving an unexpended balance on the current year's allotment, viz., two lakhs, of Rupees 1,52,605. All the locks upon the Cocanada Canal are now, it may be said, complete, leaving only the earthwork to be carried out according to the project estimates. This there would be no difficulty in doing during the current year, the expenditure incurred thereupon being Rupees 27,826, or the balance under the item of earthwork. The earthwork on the Mandapetta Canal is completed, and the Pasalapudy lock is the only masonry work remaining to be done. In the Samulcotta Canal the side channels and distributing sluices remain to be taken up for which a

sum of Rupees 23,585 is allowed; under the Bank Canal and its branches of the Coringa and Injeram Canals, nothing can be done until the revised project for the former has received the sanction of Government. The Takee Main Drain estimate amounts to Rupees 2,66,300, of which earthwork amounts to Rupees 2,62,600 might be commenced as soon as the crops are harvested.

2. Your estimate of the rate at which work should be done implies that an expenditure of Rupees 1,000 per diem should be incurred during the six working months of the year. This, if the work to be done were earthwork alone, would require 4,000 buntadars to be steadily employed. Masonry works require careful construction. Under these circumstances, I beg to state that it is impossible during the three working months or so remaining of any official year to spend more than one-third of the balance at end of last month, or at the rate of Rupees 600 per diem.

No. 154.

MEMORANDUM.

For Irrigation channel from Ellore Canal for the supply of lands of Agadala lunka and Chettenpad lunkas in the Colair Lake.

IN reply to the letter, No. 3,285, of the 7th instant, from the District Engineer, Godavery, the undersigned has the honour to state that he is unable to approve of the authorization given by Colonel Fischer to the commencement of a channel from the Ellore Canal for the irrigation of certain islands in the Colair Lake.

2. In the first place the extension is outside the area contemplated in the Delta Completion Project, and it is doubtful whence the required supply of water will be obtained. In the next place it is believed that the islands are in the Kistna District, and it is necessary that the Revenue Officers should be consulted. Thirdly, so far as is known, the ordinary grant has been already exhausted, and consequently no funds are available.

3. When brought forward in a regular manner probably there will be no difficulty in getting the channel sanctioned, provided water can be shown to be available.

4. It must be remarked however that with so large an amount of work already sanctioned, it seems to be hardly advisable at present to go beyond the limits of the sanctioned delta estimates.

(Signed) J. MULLINS, Lieut.-Colonel, R.E.,
Chief Engineer for Irrigation.

13th February 1874.

From Lieutenant-Colonel J. F. FISCHER, R.E., District Engineer, Godavery, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, dated Dowlaishweram, 7th February 1874, No. 3,285.

Letter No. 492, dated 6th Jan. 1874, } From the Officer in charge No. 3 Range, Godavery.
„ „ 540, „ 26th „ „

IN herewith forwarding copies of two letters noted in the margin, and an estimate, amounting to Rupees 10,900, for digging an Irrigation Channel from Ellore Canal for the supply of lands of Agadala lunka and Chettenpad lunkas in the Colair Lake, I have the honour to inform you that, under the circumstances stated by Mr. Walch, and to save loss of revenue to Government, I have authorized the work to be put in hand at once in anticipation of sanction being accorded to the estimate, and request you will be good enough to approve of the same, and take the necessary steps for placing at my disposal Rupees 9,000 from the Reserve under head "Agricultural," or this can be provided *pro tem* from the Rs. 10,000 given up in the Western Delta.

From G. T. WALCH, Esq., Officer in charge of No. III. or Western Delta Range, Godavery, to Lieutenant-Colonel J. F. FISCHER, R.E, District Engineer, Godavery, dated Camp at Akeed, 26th January 1874, No. 540.

IN continuation of my letter, No. 492, of 6th instant, I have the honour to forward the estimate for the proposed channel to Agadala and Chettenpad lunkas. In order to make the irrigation of 3,000 acres pretty certain, I have had to continue it somewhat further than I at first intended, and the cost as estimated is Rupees 3,900 more than I guessed it would be before levels were taken. That the channel, even taking into consideration the probable cost of maintenance, will pay not far short of cent. per cent. I have no doubt.

2. If the first six miles be carried out at once ready to let water down by *end* of *May*, upwards of 2,000 acres will pay water-tax under it this year.*

* That is coming Fasli.

From G. T. WALCH, Esq., Officer in charge of No. III. or Western Delta Range, Godavery, to Lieutenant-Colonel J. F. FISCHER, R.E., District Engineer, Godavery District, dated Camp at Ellore Canal, 6th January 1874, No. 492.

WITH reference to your memoranda, No. 2,744, 13th December 1873, and No. 2,720, 9th December 1873, with enclosure,* I have the honour to inform you that I have this morning been to Agadala lunka and inspected the line for a channel to irrigate it and Chettenpad lunka. I have ordered measurements and levels to be taken, and when they are finished an estimate can be taken out; but in the meantime I may state that I consider it is likely the cost of the channel will be for earthwork about Rupees 7,000. I see no reason to doubt that it will, if not the first year at all events in the second, bring at least 3,000 acres of land newly under wet cultivation.

* Herewith returned.

I enclose letter No. 386, (2nd January 1874,) from Supervisor N. Cotiah* and its enclosure, and also a letter† from Mr. Bay to me on the subject, and as the execution in this season of the work (or at all events the first five miles of it) will depend much on Mr. Bay's co-operation and procuring of labour, I have the honour to request that I may be informed whether in case the estimate is submitted to you (for, say, Rupees 7,000 or thereabouts) by the 20th instant, it is likely I will be authorized to put the work in hand by the end of this month.

* To be returned.
† 30th December 1873.

No. 81.

MEMORANDUM.

Progress Report for December 1873, *Godavery District.*

IT is observed that in the Eastern Delta, under Extraordinary, only Rupees 49,226, out of an allotment of two lakhs of Rupees, had been expended in the nine months, and this indicates a progress far from satisfactory. In the Western Delta Rupees 82,669, out of Rupees 1,50,000, were expended, an amount which, though short of that desirable, is much better than the work in the Eastern Delta.

2. The District Engineer is requested to report by telegraph what sum must be surrendered from the Budget grants for each delta, in order that a report may be made to the Government of India. Explanation should be afforded of short outlay in due course.

(Signed) J. MULLINS, Lieut.-Colonel, R.E.,
Acting Joint Secretary to Government.

27th January 1874.

Telegram from Lieutenant-Colonel J. F. FISCHER, R.E., Dowlaishweram, to Colonel G. W. WALKER, R.E., Secretary to Government, Madras, dated 7th February 1874.

YOUR memorandum No. 81.—Surrender one lakh from Eastern Delta, ten thousand from Western Delta allotments.

No. 171C.

No. 327A. *Note by the Chief Engineer for Irrigation.*

THE short expenditure in the Eastern Delta of the Godavery, under Agricultural Extraordinary, may perhaps be to some extent explained by the change of Range Officers: Major Mead, the former officer, having been transferred to the charge of the Tanjore District in July 1873, and Captain Brockman having been

posted to the Eastern Delta in his place. I am not, however, at all satisfied with the progress made. It is certain that much more might have been done to the drainage works than has been accomplished, and it may be observed that with a balance of upwards of Rupees 6,75,000 of sanctioned estimates on the 1st April there should have been no difficulty on the score of a sufficiency of works not being sanctioned for execution.

2. The expenditure in the Eastern and Western Sections of the Delta in 1871-72 and 1872-73 was as follows :—

		RS.
1871-72 ...	Eastern ...	95,233
	Western ...	63,995
	Total...	1,59,228

		RS.
1872-73 ...	Eastern ...	1,18,853
	Western ...	1,19,844
	Total...	2,38,697

and that of 1873-74 is now estimated at :—

	RS.
Eastern ...	1,00,000
Western ...	1,40,000
Total...	2,40,000

3. Colonel Fischer alludes to the want of floating plant, but it is clear from papers that have recently been furnished by him that the most was not made of the boats which were at his disposal, while private boats are obtainable on hire at moderate rates to a very considerable extent, and are well adapted to much of the work to be done. In the Eastern Delta, moreover, it has been reported by him that much masonry work did not remain to be done, and for other work floating plant is not needed. I have not the means in camp of showing what amount of earthwork was done in the first half of the current year, but I find on comparing the progress reports for the last quarter of 1872-73 and the first of 1873-74 that taking unity for the whole of the work sanctioned the progress of the earthworks of the principal drains was as follows :—

	31st March.	30th June.
Biccavole	0·31	0·40
Tooliabaga*	0·66	0·49
Takee	*Nil.*	*Nil.*

* Apparent retrogression not explained, but it may possibly be due to quantities in the one and expenditure in the other case being taken as the basis of the calculation.

The estimate for this last work amounts to Rupees 2,66,200, and nothing had been done up to November; if an effort had been made it would not have been difficult to have spent 20 to 25 thousand Rupees on this drain.

4. The works referred to in the latter part of paragraph 2 of the District Engineer's letter are outside the Delta Completion Scheme, and it is to be regretted that Colonel Fischer has not given more attention to work which has been already sanctioned, instead of authorizing very irregularly the commencement of unsanctioned works. The District Engineer's No. 3,285 of the 7th

instant, and my reply thereto, No. 154 of the 13th idem, will be found among the papers submitted.

CAMP AT AHTTOOR ANICUT,
23rd February 1874.

(Signed) J. MULLINS, Lieut.-Col., R.E.,
Chief Engineer for Irrigation.

No. 328. ORDER THEREON, 27th April 1874, No. 1,068.

IRRIGATION, No. 21.

G. O., No. 297, 6th February 1874.
No. 555, 3rd March.

THESE Proceedings will be communicated to the Government of India, in continuation of those, as per margin, relating to the surrender of portions of the grants for works under execution from Loan Funds.

2. The Government consider that the progress of the works in the Eastern Delta of the Godavery has been far from satisfactory, and that to the drainage works especially more might have been done. It is probable that, under the circumstances, the full amount, Rupees 2 lakhs, of the Budget grant could not have been utilized, but with such large sanctions in force the outlay might at least have equalled that which has been found feasible in the Western Delta. The surrenders now reported are as follow:—

	Grant.	Surrendered.
Budget Item No. 2, Western Delta	1,50,000	10,000
Do. do. „ 3, Eastern do.	2,00,000	1,00,000

(True Extract.)

(Signed) J. MULLINS, Lieut.-Colonel, R.E.,
Joint Secretary to Government.

No. 329. (DOCKET, No. 1,069, dated 27th April 1874.)

COPY of the above forwarded to the Government of India.

(True Extract.)

Lieut.-Colonel, R.E.,
Joint-Secretary to Government.

Exd. E. C. Shunker and T. O'Connor.
Spare Copies

No. 171 C

Note by the Chief Engineer for Irrigation.

Enclosures - G

The short expenditure in the Eastern Delta of the Godavery under Agricultural Extraordinary, may perhaps be to some extent explained by the change of Range Officers; Major Mead the former Officer having been transferred to the charge of the Tanjore District in July '73 –, and Captain Brockman having been posted to the Eastern Delta in his place. I am not however at all satisfied with the progress made. It is certain that much more might have been done to the drainage works than has been accomplished, and it may be observed that with a balance of upwards of Rupees 6,75,000 of sanctioned estimates on the 1st April there should have been no no difficulty on the score of a deficiency of works not being sanctioned for execution.-

2 The expenditure in the Eastern and Western Sections of the Delta in 1871-72 and 1872-73 was as follows

1871-72	Eastern	Rupees	95,233
	Western	"	63,995
		Total	159,228
1872-73	Eastern	Rupees	118853
	Western	"	119,844
		Total	238,697

and that of 1873-74 is now estimated at,-

Eastern	100000
Western	140000
Total Rs	240000

3 Colonel Fischer alludes to the want of floating plant, but it is clear from papers that have recently been furnished by him that the most was not made of the boats which were at his disposal, while private boats are obtainable on hire

97

hire at moderate rates to a very considerable extent, and are well adapted to much of the work to be done. In the Eastern Delta moreover it has been reported by him that much masonry work did not remain to be done, and for other work floating plant is not needed. I have not the means in camp of showing what amount of earth work was done in the first half of the current year, but I find on comparing the progress reports for the last quarter of 1872-73 and the first of 1873-74 that taking **unity** for the whole of the work sanctioned the progress of the earth works of the principal drains was as follows-

	31 March	30 June.
Biccavole	0.31	0.40
Tooliabaga ×	0.66	0.49
Takee	Nil	Nil.

× Apparent retrogression not explained, but it may possibly be due to quantities in the one and expenditure in the other case being taken as the basis of the calculation.

The estimate for this last work amounts to Rupees 2,66,200, and nothing had been done up to November

November: if an effort had been made it would not have been difficult to have spent 20 to 25 thousand Rupees on this drain.

4 The works referred to in the latter part of para 2 of the District Engineer's letter are outside the Delta Completion Scheme, and it is to be regretted that Colonel Fischer has not given more attention to works which has been already sanctioned, instead of authorizing very irregularly the commencement of unsanctioned works. The District Engineer's No. 3285 of the 7th Instant and my reply thereto No. 154 of the 13th Idem will be found among the papers submitted.

Camp at Ahttoor Anicut.
23d February 1874.

Lieutt Col. R.E.
Chief Engineer for Irrigation

To
The Secretary to Government
P.W.D.

P.W. 1874 Deptt
From No. 838 A.
The Chief Engr
for Irrigation
To The Secretary to Govt
P.W.D
No 171 C.

Dated 23.
Despd 27 } Feb 74.
Recd
Incls 9 ✓

Reports on letter from D.E. Godavery reporting surrenders from grants for Extraordinary works in the Eastern & Western Delta & explaining cause of short outlay.

No 328

Despd to Acct 8 April /74
R.C. 25 March /74

114
44

District Engineer's Office Godavery
Dowlaishweram 7th February 1874

134

No 3285

From

Lieutenant Colonel J. F. Fischer R.E.
District Engineer Godavery

To

Lieutenant Colonel J. Mullins R.E.
Chief Engineer for Irrigation.

Sir,

In herewith forwarding Copies of two letters[×] noted in the margin and an Estimate amounting to Rupees 10,900 for digging an Irrigation channel from Ellore Canal for the supply of lands of Agadala lanca and chettennapad lankas in the Colair lake, I have the honor to inform you that under the circumstances stated by Mr. Walsh, and to save loss of revenue to Government, I have authorized the work to be put in hand at once in anticipation of sanction being accorded to the Estimate, and request you will be good enough to approve of the same, and take the necessary steps for placing at my disposal

× Letter No 492 dated 6th January 1874 from the Officer in charge 3rd Range Godavery
Do 540 Do 26th Do

disposal Rupees 9000 from the reserve under head "Agricultural". As this can be provided pro: tem: from the R10,000 given up in the W. Delta.

I have the honor to be

Sir

Your Most Obedient Servant

Lieut Col R.E.

District Engineer Godavery

Camp Akeed

Dated 26th January 1874

174

No 540

From

The Officer in charge No III or
Western Delta Range Godavery

To

The District Engineer Godavery

Sir,

In continuation of my letter No 492 of 6th Instant, I have the honor to forward the Estimate for the proposed channel to Agadala and Chellemapad Lankas. In order to make the irrigation of 3000 acres pretty certain I have had to continue it some what further than I at first intended and the cost as Estimated is Rupees 3900 more than I guessed it would be, before levels were taken. That the channel even taking into consideration the probable cost of maintenance will pay not far short of cent per cent I have no doubt.

If the first 6 Miles be carried out at once

ready

To The D.E. No 154 Feb 13. 74

C.E. No 343.

From Reg

The District Engineer,
Godavery

To

The Chief Engineer,
for Irrigation,

P4 972 [illegible]

No 327

Dated 7 February 1874

Despatched [illegible]

Recd 13 Feb No 3285

Enclosures three.

Forwards for approval an Estimate amounting to Rupees 10900 for digging a Channel from the Ellore Canal to supply irrigation to the lands of Agadallanka &c Villages in the Colair Lake and informs that the work was ordered to be put in hand at once to save revenue

5

ready to let water down by end of may
upwards of 2000 acres will pay water rate
under it this year+

+that is coming Rabi

I have the honor to be &c.

(Signed) G. W. Walsh
Executive Engineer

(True Copy)

Lieut. R.E.
District Engineer Godavery

CSO [illegible]

C.D. 8/34, 3/74

Enclosure in a letter
No 3285 dated 7th Instant
from the District Engineer
Godavery to the Chief
Engineer for Irrigation
D.P.W.

P.G.O. 27th April/74
In P.W. No 327
No 1138 A/74
6

Camp Ellore Canal
dated 6th January 1874.

No 492.

From
The Officer in charge No III or
Western Delta Range, Godavery

To
The District Engineer Godavery Distri

Sir,

With reference to your Memo No 2714
13/12/73 and No 2720. 9/12/73 with enclosu
with returned
I have the honor to inform you that I have this morning been to Agadala lanka and inspected the line for a channel to irrigate it and Chelenapad lanka. I have ordered measurements and levels to be taken and when they are finished an Estimate can be taken out but in the mean time I may state that I consider it is likely the cost of the channel will be for Earth work about Rs 7,000. I see no reason to doubt that it will - if not the first year at all events in the second, bring at least 3000 acres of land newly under wet Cultivation.

I enclose letter No 386 (2d January 1874) from Supervisor* H Colick and its enclosure and also a letter* from Mr. Ray to me on the subject and as the execution in this season of the work (or at all events the first 5 Miles of it) will depend much on Mr. Ray's Cooperation and procuring of labor I have the honor to request that I may be informed whether in case the Estimate is submitted to you (for say Rs 7000 or thereabouts) by the 20th Instant, it is likely I will be authorized to put the work in hand by the end of this Month.

* to be returned

* 30/12/73

I have the honor to be &c

(Signed) G. W. Walch
Executive Engineer

(True Copy)

Lieut. Col. R.E.
District Engineer Godavery

Recd. 27th Jany/74
Regr: 327
7/1858/74

B 2/31/1/74

No. 81

Memorandum

Progress Report for December /73 – Godavery D.
2BH

Government observe that in the Eastern Delta under extraordinary only Rupees 49226 out of an allotment of 2 lacs of Rupees had been expended in the 9 months, and this indicates a progress far from satisfactory. In the Western Delta Rupees 82669 out of Rupees 150,000 were expended, an amount which though short of that desirable is much better than the work in the Eastern Delta.

2. The District Engineer is requested to report by telegraph what sums must be surrendered from the Budget grants for each Delta in order that a report may be made to the Govt. of India. Explanation should be afforded of short outlay in due course.

27/1/74

Class. S. | **INDIAN TELEGRAPH.** | Local No. 6

To (Station) Madras

FROM (Station) Rajahmundry [illegible]

No.	Words.	Time tendered for transmission. (Madras time.) Day.	H.	M.	Official Instructions.—
22	22	7	14	15	

To (Person) Colonel Walker

From (Person) Colonel Fischer

1 Necklace	2 of [illegible]	3
4	5	6
7 Stone	8 [illegible]	9 81
10 Emeralds	11 One	12 one
13 [illegible]	14 [illegible]	15 [illegible]
16 Ten	17 thousand	18 [illegible]
19 [illegible]	20 [illegible]	21 [illegible]
22	23	24
25	26	27
28	29	30
31	32	33
34	35	36

Recd. from ______ (L. L.)
At ____ H. ____ M., on the 7. 2. 74
By ______
Date Madras

Sent to ______ (L. L.)
At ____ H. ____ M., on the ______
By Holmes
Telegraph Master.

No. 71.
To the C.S. Godavery

Dated 24th
Recd. 25th January 1874.

No. 10 58 of 74

P. 27th April 74
No 18 No. 327
Remarks [illegible]
[illegible]

D. E. No. 294/
From
The Dist. Engr.
Godavery
Dated 7
Recd 8 } Feby/74
No. 1138/74
Ref. G.O. dated 18 Aug/74
No. 327/
Surrenders
100000 Rs from
Eastern Section
Delta allotment

No. 3365

District Engineer's Office, Godavery,
Dowlaiswaram 11 February 74
7th

From,
Lieutenant Col. C. T. Fischer R.E.
District Engineer Godavery

To,
Lieutenant Col. C. Mullins R.E.
Chief Engineer for Irrigation
Madras.

Sir,

With reference to your Memorandum No. 81 dated 27th January 1874, and in continuation of my telegram of the 7th Instant, I have the honor to inform you that of the allotment Viz. Rupees 200,000 for the Eastern Delta Project, Rupees 100,000 will not be required. In explanation of this surrender of grant the Range Officer states that, as there are no masonry works of importance remaining to be executed, and as the larger item of expenditure will be in Earth work, it is not expected that more than 100,000 of Rupees can be got thro' during the current Official year. For further explanations I would ask a reference to my letter No. 2295 dated 27th October 1873.

The amount to be surrendered
on the allotment for the Western Delta
Project is Rupees 10,000. The cause of this
owing to the opening of the Attili and
di Canals early in May for the lake
irrigation and the closure of the Canals
me. that later than was anticipated by
Range Officer. Of this latter sum be
t wanted elsewhere, it may be left at
y disposal and my best efforts will
made to utilize on the proposed extension
the Irrigation Channel from Ellore Canal
the supply of lands of Agadala lanka,
d Chittenpad lankas an Estimate for
hich was submitted with my letter No 3285
ated 9th February 1874.

I would add that 3 years ago
applied for an increase of the floating
ant of the District and this application
as in accordance with Colonel Orr's
commendations and fully supported by
lonel Rundall, after his late tour of
inspection,

inspection very little has been done in this
matter as yet and if the works are to be
carried on systematically in all the Deltas
the plant must be increased as soon as possible.
this year it was as much as we could do
to supply the Western Delta with Materials
for all the works Mr. Walch put in hand
and nothing could be done for the Eastern
and Central Deltas and very little in the
way of dredging; I had long ago expected
we might have all 3 Deltas on hand at once,
as the Government were losing so much
Revenue quite unnecessarily owing to the
incomplete state of this project, and it is only
because this has not been the case, we have
been able to do as well as we have done.

I have the honor to be
Sir
Your Most Obedt. Servt.
W. Hitchins Lieut Col R.E.
District Engineer Godavery

side

From C.E.'s No. 353 Regd.

The District Engineer
Godavery

To

The Chief Engineer
for Irrigation
Madras.

Dated 11 February 1874.
Received 16 — " —

No 3365
P.G. No 27th April/74
In C.E. No. 327
Reports of the sums to
be surrendered from the grant
for Extraordinary works
in the Eastern & Western
Deltas with explanation of
the cause of short outlay on
them — B/1638A/74

No 327

No. 2295

GODAVERY DISTRICT.
DISTRICT ENGINEER'S OFFICE
DOWLAISHWARUM, 27th Octr 1873.

FROM Lieutt. Col. J. F. Fischer R.E.
DISTRICT ENGINEER,
GODAVERY DISTRICT.

TO Lieutt. Col. J. Mullins R.E.
Chief Engineer for Irrigation
Madras.

ENCLO.

Sir

With reference to para 1, of my letter No. 2073, dated 4th Instant I have the honor to inform you that Captain Brockman explains that the expenditure in the Eastern Delta Range under the "Head Agricultural Extraordinary" up to end of September/73, amounts to Rs: 47,395 leaving an unexpended balance, on the current year's, allotment viz two lacs, of Rs: 152,605. All the locks upon the Cocanada canal, are now, it may be said, complete, leaving, only the Earth work to be carried, out, according to the project Estimates. This, there would be no, difficulty in, doing, during the current year. the expenditure incurred thereupon being Rs: 27826, or the balance, under the item of earth work. The Earth work, on the Gundapetta Canal is, completed, and the Pasalapudy lock is the only Masonry work, remaining to be, done In the Samarlacotta Canal the side

[illegible]
vide G.O. 186 of
1871 [illegible] 77

side channels and distributing sluices remain to be taken up for which a sum of Rs: 23,585 is allowed, under the Bank Canal and its branches of the Coringa and Injeram Canals nothing can be done until the revised project for the former has received the sanction of Government. The Takee Main Drain Estimate amounts to Rs: 2,66,300, of which Earth work amounts to Rs: 2,62,600 might be commenced as soon as the crops are harvested.

Something might have been done at the beginning [illegible]

Your Estimate of the rate at which work should be done implies that an expenditure of Rs: 1000 per diem should be incurred during the six working months of the year. This, if the work to be done were earth work alone would require 4000 Cuntadars to be steadily employed. Masonry works require careful construction under these circumstances. I beg to state that it is impossible during the 3 working months or so remaining of any Official year to spend more than one third of the balance at end of last month, or at the rate of Rs: 600 per diem.

I have the honor to be
Sir
Your most Obedt Servant
Lieutt. Col. R.E.

From C. E. No 1922 Rg
The Dist. Engineer
Godavery Dist.
To The Chief Engineer
for Irrigation

Dated 27th } October 1873
Recd: 12th } Nov. — "

No 2295

States that it is impossible with reference to the expenditure on the Eastern Delta Range under the head Works Extraordinary up to end of Septr/73 as explained by Captain Brockman for reasons given to spend more than 1/3rd of the balance at end of last Month or at the rate of Rs 60,000 during the 3 working Months or so remaining of [illegible] Official year.

Recd 11-73
Rg: 27th April/74
Ltr Gd No: 327
Br 1638/74
2

No 2073 District Engineer's Office Godavery
Dowlaishwarum 4th October 73

From Lieut. Col. J. T. Fischer R.E.
District Engineer Godavery

To, Lieut. Col. J. Mullins R.E.
Chief Engineer for Irrigation & Joint Secy to Government P.W.D.
Madras

Sir,

With reference to your Memorandum No 550 dated 25th August 1873, I have the honor to report as follows.

1 The amount applied for for the Eastern Delta Project in my Budget List for 1873/74 sent in September last was only Rs: 100,000, and this Captain Brockman states was the proposed expenditure in the Current Official Year. The Range Officer has however been requested to explain why the full allotment of Rs: 200,000 sanctioned by Government cannot be expended during the year and his explanation will be duly communicated.

2 Funds for the Current Official Year for the Samulcottah Road have not yet been provided by the Local Fund Board of the Cocanada Circle, steps will however be taken for the adjustment of the expenditure on this Road in the Current Official Year. The excess expenditure on the Samulcottah Canal is due to higher rates being given for portions of the clearing of this Canal as the soil was of a harder nature (gravelly) than was originally contemplated; a portion of this excess will be recovered, when the adjustments above referred to are carried out.

3 With regard to the small expenditure in the Western

Western Delta I have to state that there was the large sum of Rs: 18,000 expended in the month of July 1873 and this added to the expenditure of the past 3 months, shews that a fair progress has been made upto that month. I expect that the full allotment on this Project will be expended and I have accordingly given instructions to Mr Walch about the same.

4. The details of the Estimate for Ellore Canal Viz Rs: 2,43,700 are –

A.	Main Canal		
	1 Earth work	31,580.	
	2 Masonry	23,420.	55,000.
B.	Mid Level Channel		
	1 Earth work	23,800.	
	2 Masonry	31,940	
	3 Compensation for Land	8,440.	64,180.
C.	Low Level Channel		
	1 Earth work	6,150	
	2 Masonry	10,380.	
	3 Compensation for Land	2,760.	19,290.
D.	Pundicodu Drain		
	1 Earthwork	34,600.	
	2 Masonry	19,345.	
	3 Compensation for Land	5,385.	59,330.
E.	Drain from 9½ miles Mid Level channel		
	1 Earth work	18,530	
	2 Masonry	3,370	
	3 Compensation for Land	2,100	24,000

Carried

	Brought over		222,00
F	Drainage Diversion		
	1 Earth work	18,550.	
	2 Masonry	3,150.	21,700
		Rs	243,700

37

I have the honor to be
Sir,
Your most Obdt Servant
Lieut. Kitchen
(District Engineer Godavery

Vide letter from A.E. Godavery No 27 Oct/73 R No 1922

From C.E.'s No 1714 Reg
The District Engineer
Godavery

To,
The Chief Engineer for
Irrigation D.P.W.
P.G. No 27th April Madras
In 18 No. 327/14
Dated 4 October 1873.
Received 10th " "

No 2073

Furnishes explanation regarding the small expenditure noticed in the Progress report of Agricultural Works of the District for the Month of June/73.

C.C. Recd
3-11-73

Br 1638 A/74

No. 154. Memorandum

3811

Enclosure one Site.

For the channel from Ellore canal to the supply of lands of Agada-la lanca & Chettunnapaid lancas in the Colair lake.

In reply to the letter No. 3283 of the 7th Inst. from the D.E. Godavery the undersigned has the honor to state that at this ~~[illegible]~~ unable to approve of the authorization given by Colonel Fisher to the commencement of a channel from the Ellore canal for the irrigation of certain ~~lands~~ islands in the Colair Lake.

2. In the first place the extension is not [illegible] in Delta Completion project, and it is doubtful whence the required supply of water will be obtained — In the next place it is believed that the islands are in the Kistna District and it is necessary that the Revenue Officers should be consulted — Thirdly so far as is known the ordinary grant has been already exhausted, and Consequently no funds are available.

3. When brought forward in a regular manner probably there will be no difficulty

in getting the ~~project~~ sanctioned.

Provided water can be shown to be available.

~~As~~ Through the remarks I endorse ~~that~~ with so large an amount of work already sanctioned it seems to be hardly advisable at present to go beyond the limits of the sanction in Delta estimates

13/2/74

343.

No. 154.
To
The D.E. Godavery.

P.G. d/ 27th April/74
In No. 327.

Dated 13
Despd 17 Feb 74.

Encls 1.

States that he is unable to approve of the authorization given by Col Locke to the commencement of a channel from Ellore Canal for the irrigation of certain islands in the Colair Lake for reasons stated.

Pr 1638 Ap 74

:4

1068 P.W.D.

Proceedings of the Madras Govt

437

Colonel Walker has countersigned Lt. Col. Mullins Draft, as it merely says in general terms that progress ~~generally~~ has not been satisfactory, especially with drainage works –

But he is not at all satisfied that the Chief Engr. for Irrign. was right in increasing the Dist. Engrs entry of One Lakh for Eastern Delta Works in the Budget of 1873-74, to Two Lakhs – Colonel Walker would not have allowed such an increase had he known the facts. – It is evident from the results of the three years

and that to the drain
works especially mo
might

Channel

works quoted by Lt Col.
Mullins that One Lakh
is a high average expen:
:diture for the Eastern
Delta; and that he
has brought this dis:
:appointment on him:
:self by doubling that
sum. -

Nearly all the work to
be done is confessedly
Earthwork at, say One
Anna per cubic yard;
of which it appears to
have been expected that
it was to be got through
at the rate of Rs 1000 a
day - Now, when you
come to turn Rs 30000
a month into its equi:
:valent in earthwork,
the demand for supervi:

117
4

[illegible] 1068 P.W.D. Irrign

Proceedings of the Madras Govt. 43H

Read the following :-

43H(a)

:sion is too great for the
powers of the Executive
Agency actually attach:
:ed to the Godavery Ir:
:rigation Ranges, the
strength of which has been
stated by Lt Col. Mullins
to be quite insufficient -
He has therefore, in Col.
Walker's opinion, no right
to expect his full stan:
:dard of progress to be
reached - In fact
if rapid progress is to be
insisted on, the Govt.
of India must be ap:
:plied to for special
agency -

Nothing can be more
provoking (to use the
mildest term) than to
find Lt Col. Fischer, with

to
a,
e,
ng
ds.
in
y,

and that to the drainage
works especially more
might

Channel

nearly 7 Lakhs of sanctioned works in hand, authorizing expenditure off hand of Rs 10000 on a new project; of which little or nothing had been heard before, for which Lt Col. Mullins hints the possibility of there being no water available, * which may not be in the Godavery District, and about which no Revenue authority appears to have been consulted!

G.N.W.
15.3.74

Really this last fact is deserving of serious censure - Col. F's conduct is most irregular, & subversive of discipline!
Col: Walker might be asked to submit a special Dft. G.O. on the subject - Col F's conduct is under consideration at this time

23/3

1068 P.W.D. Engg

45

Proceedings of the Madras Govt.
Read the following:

From the Chief Engr for Irrigation } R.E. No 171 C d/23d Feb

G.O. No 297/74
6th Feby/74
No 555 - 3d March -
[illegible] -

These Proceedings will be communicate the Government of Ind in continuation of tho as per margin, relat to the surrender of portions of the grant for works under execu-tion from Loan Fun

2 The Government consider that the progress of the works in the Eastern Delta o the Godavery has bee far from satisfactor and that to the dra works especially mo might

23/3

might have been done. It is probable that under the circumstances the full amount Rupees 2 lakhs of the Budget grant could not have been utilized; but with such large sanctions in force ~~it is considered that~~ the outlay might at least have equalled that which has been found feasible in the Western Delta. The surrenders now reported are as follow—

	Grant		Surrendered
Budget Item No. 2 Western Delta — }	1,50,000	—	10,000
" —— " —— " 3 Eastern do.	200000	—	1,00,000

Can't [illegible] of
this [illegible] to [illegible]
to [illegible] [illegible]
No. [illegible]

Wy. 23/2/74

To D. E. Godavery
" Chief Engr. for Irrn. "
" Controller "
A. G. [illegible]

Docket No. 1069 of

Copy of the above forwarded to the Govt. of India —

Govern[illegible]

[illegible]
[illegible]
[illegible]
[illegible]

6

especially in conn
with the drainage
Works in the Eastern
Delta —

Forwarding copy of P
:ceedings passed on the
by the Chief Engr. for Irriga
relative to the short e
penditure in ~~to the~~ wo
the Eastern & Western D
of the Godavy Dt. from
Funds

327 – 329.

Despd to Coly 8 Apl/74 [illegible] 16

1638 A

Govt. of 1874 Madras.

PUBLIC WORKS.

The Dist. Engr. Godavery
& Secy. to the Govt. of India.

[illegible]

Recd. Encl. 9.

G. O., 27th April 74, No.s 1068 & 1069

Nos. 327-329.

tern & Western Deltas
Godavery District.

Passing orders on the
te by the Chief Engr.
Irrigation relating to the
render of portions of the
nts for works under
cution from Loan Funds
the Deltas and remarking
~~[illegible]~~
tisfactory progress