M.R.O. 1—77,006—8-6-37.

(1) Number of pages 46

(2) Date of repair 2-2-23

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. 3120 Press Mis.-
25-26

Dated 1-10- 1866.

Not to be folded or roughly handled

No. 25. Read the following letter from the Superintending Engineer, 3rd Division, to the Secretary to Government, Public Works Department, dated Bellary, 13th September 1866, No. 1,782 :—

1. With reference to paragraph 3 of G. O. No. 2,606 of the 20th ultimo, directing me to depute Mr. Supervisor Gray to investigate the Bookacherla and Yeparal schemes, I have the honor to inform you that I have not been able to send him as, in consequence of Supervisor Syedyusuf having reported sick, I had to send Mr. Gray to take charge of the Kudligi Range, as already reported. In the meantime, I have made some enquiries about the quantity of water flowing down the Huggry river, as I do not suppose that Government would wish to incur expense in surveying, levelling, and estimating, &c., for a project which is not likely to pay a good profit, and thus afford the means to Government of extending irrigation.

No. 1,492, dated 21st August 1866.

2. On receipt of the Order of Government referred to, I wrote a demi-official letter to the Officiating Chief Engineer, Mysore, and asked him to give me all the information he could about the quantity of water passing down the Huggry river, as I learnt that Registers had been kept near Heerioor. Major Sankey, in reply, sent the accompanying abstract; the discharges have been calculated from sections and falls taken by the Mysore Engineer Department.

3. In his letter to me, Major Sankey states that he is about to submit a project to the Government of India, and hopes to stop every drop of water that would otherwise pass the Maury Canvai.

4. As this would cut off the greater portion of the water coming down the Huggry, it becomes a question whether a project is to be investigated, the returns for which would be very uncertain in consequence of the doubtful supply of water.

5. I have applied to the Collector for any Registers that have been kept in this District in the neighbourhood of Yeparal, but have not as yet received them. During the present year the only fresh that I can learn of, as having occurred in the Huggry river near Yeparal, has been one of about one foot in depth, which ran for two or three days.

6. I trust that I may not be misunderstood, and it be thought that I am wishing to cry down the project, as nothing would be further from my thoughts if there was a prospect of even a tolerable supply of water, as, in my opinion, it would be beneficial to Government to construct works of irrigation which would always return even an interest of only two or three per cent. than to lose lacs, as they will most probably, during the present year, in consequence of the drought, and in future years from the less extent of cultivation, which will probably occur from the number of cattle that have died.

7. In paragraph 10 of Captain Fischer's letter to you, mention is made of another project for constructing a reservoir across the Chinna Huggry: this would, I believe, yield good returns in years when there was a good rain-fall, but in years like the present one, it would have hardly a drop, and it remains for Government to decide whether such projects are to be taken in hand.

No. 1,247 of 2nd August 1866.

8. As regards the Bookacherla project, referred to in paragraph 3, I believe that it is much more likely to answer, as from what I hear the freshes are oftener in the Pennar river than in the Huggry river, and will take an early opportunity of deputing some one to thoroughly investigate it.

G. O. No. 2,006 of 20th August 1866.

Abstract of the registered depths of water passing down the Huggry river during the years 1863, 1864, and 1865, as supplied by the Madras Irrigation Company.

Months.	Number of days at feet in depth in 1863.							Number of days at feet in depth in 1864.							Number of days at feet in depth in 1865.						
	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7
January ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
February...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
March ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
April ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	..	..	...
May ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	1	3	1	1	4	1
June ...	13	5	2	...	2	...	...	5	...	2	...	1	...	...	3	4	3	1	1	1	1
July ...	...	...	...	...	...	...	...	7	1	1	1	...	...	...	1	1	...	...	1	1	2
August ...	16	9	...	...	...	..	...	3	5	1	...	...	...	...	...	1	...	...	...	...	...
September..	5	...	...	...	...	...	...	2	2	2	...	...	...	...	7	1	...	...	..	...	...
October ...	10	5	5	...	...	...	...	2	1	1	1	...	1	...	...	...	...	...	...	...	...
November...	2	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
December...	6	1	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	52	20	8	1	4	...	...	19	9	7	2	1	1	...	13	8	6	2	3	6	4

Abstract of corresponding discharges.

Depth of water in feet.	Calculated discharge in cubic yards per diem.	Discharge for 1863.		Discharge for 1864.		Discharge for 1865.	
		Days.	Cubic yards.	Days.	Cubic yards.	Days.	Cubic yards.
1	2,449,499	52	126,905,948	19	46,369,481	13	31,726,487
2	6,311,912	20	126,238,840	9	56,807,478	8	50,495,526
3	11,241,174	8	89,929,392	7	78,688,218	6	67,447,044
4	16,763,997	1	16,763,997	2	33,527,994	2	33,527,994
5	23,528,342	4	94,113,368	1	23,528,342	3	70,585,026
6	31,424,621	...	.....	1	31,424,621	6	188,547,726
7	40,318,794	...	.....	...	.....	4	161,275,176
	Total ...	...	453,951,545	...	270,346,134	...	603,604,989

No. 26. Order thereon, 1st October 1866, No. 3,120.

CIVIL WORKS, No. 9.

1. As, under the circumstances brought to notice in paragraphs 1 to 6 of this letter, it seems doubtful whether the Yeparal project will, if carried out, prove remunerative, the Government consider that its investigation may be set aside for the present.

2. The Superintending Engineer will take steps to ensure the very careful examination of the Bookacherla scheme, and it seems desirable that in submitting it to Government, Major Moberly should adopt the clear and comprehensive form in which he will observe, on reference to the printed selections marginally noted, a project for a tank at Ekrookh near Sholapore was laid before the Bombay Government.

Irrigation Series No. I., despatched on the 24th April 1866.

(True Extract.)

Colonel, R. E.,
Secretary to Government.

To the Superintending Engineer, 3rd Division.

Exd. S. T. Augustin.

No 1782

Bellary
Deputy Engineer's Office
13th September 1866.

From

The Superintending Engineer
3rd Division

To

The Secretary to Government
Public Department

Sir,

With reference to Para 3 of G.O.
No 2766 of the 20th ultimo directing me
to depute Mr Supervisor Gray to investigate
the Bootia cherla and Goperaul Schemes
I have the honor to inform you that I
have not been able to send him as, in
consequence of Supervisor Syed Ghauf having
reported sick, I had to send Mr Gray
to take charge of the Vudlighi
Ranger as already reported.
In the meantime I have
made some inquiries about the quantity of
water flowing down the Huggry River as
I do not suppose that Government would wish
to incur expense in surveying localities and
Estimating Rs for a project which is not
likely to pay a good profit and thus afford
the means to Government of extending irrigation

No

No 1492 dated
21st August 1866.

2. On receipt of the Order of Government referred to I wrote a demi-official letter to the Officiating Chief Engineer Mysore and asked him to give me all the information he could about the quantity of water escaping down the Muggry River as I learnt that registers had been kept near Hesirore Major Sankey in reply sent the accompanying abstract; the discharges have been calculated from sections and fallstaken by the Mysore Engineer Department.

3. In his letter to me Major Sankey states that he is about to submit a project to the Government of India and hopes to stop every drop of water that would otherwise escape through the Hemavy Channel

4. As this would cut off the greater portion of the water coming down the Muggry it becomes a question whether a project is to be investigated, the returns for which would be very uncertain in consequence of the doubtful supply of water

5. I have applied to the Collector for any Registers that have been kept in this District in the neighbourhood of Gopalrai but have not as yet received them. During the present year the only fresh that I can learn of as having occurred in the Muggry River near Gopalrai has been one of about 1 foot in depth which ran for two or three days

6. I trust that I may not be misunderstood and it be thought that I am wishing to ~~carry~~ lay down the project as nothing would be further from ~~my~~ mine

as nothing would be further from ~~my~~ mine if there was a prospect of even a tolerable supply of water, as, in my opinion, it would be beneficial to Government to construct works of irrigation which would always return even an Interest of only 2 or 3 Per Cent than to lose lacs, as they will most probably during the present year in consequence of the drought and in future years from the less extent of Cultivation which will probably occur from the number of Cattle that have died

7 - In.

7. In Para 10 of Captain Fischer's letter to you, mention is made of another project for constructing a reservoir across the Chinna Nuggur: this would I believe yield good returns in years when there was a good Rain fall but in years like the present one it would have hardly a drop and it remains for Government to decide whether such projects are to be taken in hand

No. 1247 of 2nd Augt 1866.

8. As regards the Bootlacherla project referred to in Para 3, I believe that it is much more likely to answer, as from what I hear the freshes are oftener in the Penner River than in the Nuggur River, and will take an early opportunity of deputing some one to thoroughly investigate it.

G.O. No. 2606 of 20th August 1866.

I have the honor to be.

Sir,

Your most Obedient Servt

A. Mibay Major R.E.

Superintending Engineer

3rd Dn.

Rec. 20th August 66 No. 390-400
Ans. 29th " " " 55

P. W. 1866/67 Dept.
Rec'd Cyclone for October
Nov. 38 pts

The Supdg. Engr.
3rd Divn.

The Secy. to Govt.
P.W.D. Dept.
No. 1782.

Dt. 13 September 1866
Rs. 17 — —

Ca: ous

esa 3120 - 12th Sept 1866.

Informs that the Anjegy River Scheme is not quite feasible as it would not be remunerative - and that the Bookacherla project will be thoroughly investigated & reported upon

No. 25

c. 21st Sept/66 Ca. 28th

Abstract of the registered depths of water passing down the Anjegy River during the years 1863, 64 and 65 as supplied by the Madras Irrigation Company.

Months	Number of days at 1 ft in depth in 1863	2	3	4	5	6	7	Number of days at 1 ft in depth in 1864	2	3	4	5	6	7	Number of days at 1 ft in depth in 1865	2	3	4	5	6	7
January	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
March	-	2	-	-	-	-	-	1	-	-	-	-	-	-	2	1	2	1	1	4	1
April	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4	2	1	1	1	1
May	-	-	-	-	-	-	-	5	-	2	-	1	-	-	1	1	-	-	1	1	2
June	13	5	2	-	2	-	-	7	1	1	1	-	-	-	-	1	-	-	-	-	-
July	-	-	-	-	-	-	-	3	5	1	-	-	-	-	7	1	-	-	-	-	-
August	16	9	-	-	-	-	-	2	2	2	-	-	-	-	-	-	-	-	-	-	-
September	5	-	-	-	-	-	-	2	1	1	1	-	1	-	-	-	-	-	-	-	-
October	10	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
November	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
December	6	1	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	52	20	6	1	4	-	-	19	9	7	2	1	1	-	13	8	6	2	3	6	4

Abstract of Corresponding discharges

Depth of water on sills	Calculated discharge in Cubic yards per diem	Discharge for 1863 Days	Discharge for 1863 C. yards	Discharge for 1864 Days	Discharge for 1864 C. yards	Discharge for 1865 Days	Discharge for 1865 C. yards
1	2,440,499	52	126,905,948	19	46,369,481	13	31,726,487
1	2,440,499	20	126,238,980	9	56,807,478	8	50,495,024
2	6,311,942	8	89,929,592	7	78,688,218	6	67,447,044
3	11,241,176	1	16,763,777	2	33,527,994	2	33,527,994
4	16,763,777	4	94,112,368	1	22,528,242	3	70,585,026
5	22,528,242	•	•	1	31,424,621	6	133,547,726
6	31,424,621	•	•	•	•	4	161,275,176
7	40,312,794	•	•	•	•	•	•
	Totals		458,951,545		270,346,134		603,604,989

7/9/66

Ev & W.P.

X
13

Public Works Department.

3120

No. 3120

PROCEEDINGS of the MADRAS GOVERNMENT Under date the 1st Octr 1866.

Read the following

From

The Superintending Engineer
of the 3rd Division

(Here enter No. 1782 dated 23 September 1866)

As under the circumstances brought to notice in Paras 1 to 6 of this letter, it seems doubtful whether the General project will, if Carried out, prove remunerative, the Government Consider that its investigation may be set aside for the present.—

The Superintending Engineer will take steps to ensure the very careful examination of the Bookacherla scheme, and it seems desirable that in submitting it to Government, Major Brodley

Superintending

should adopt the clear and comprehensive form in which he will observe, on reference to the Printed Selections marginally noted, a project for a Tank at Chrookh near Sholápore was laid before the Bombay Government.—

P. W. 1866. Department.

Pro. of Govt. for Octr. 1866.

No. 3120

PROCEEDINGS OF GOVERNMENT. of Madras

Irrigation Series No I
despatched on the 24 April 66.

Dated 1st Octr. 1866.

Irrigation Projects in the Bellary Dt. The investigation of the General scheme & the Selection for the present and instructions issued for the Examination of the Hookacherla Project.

A. 25. 26.

To The 1 Engr 5th Dn.

Disp. 2d Septr

re. 21st & 24th/66 No. 28th