

(1) Number of pages _____

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MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	3019	Press
B.P. No.		Mis.
Dated	10-11	C876
		195

Not to be folded or roughly handled

Read the following papers :—

No. 182. From W. A. GOODCHAP, Esq., District Engineer, Kurnool, to Major-General G. W. WALKER, R.E., Chief Engineer, Public Works Department, dated Kurnool, 23rd October 1876, No. 73.

With reference to your memorandum, No. 1,352, dated the 9th September, I have the honor to enclose a copy of a letter, No. 49, dated 22nd September, received from the Special Officer, Cumbum, with regard to the establishment required by him. In his letter of the 16th September, No. 43, he reports that "I do not remember ever having refused to do any emergent work to the Cumbum tank channels for want of efficient and sufficient establishment, however I feel my great want lies in not being able to pay for good maistries out of sundries of works."

2. From my inspection of the Cumbum tank channels this month and from what I understood Mr. Farmer to say, I anticipate that all the superficial clearing out of slush and weeds from the channels, &c., by the Revenue Department will be completed by the end of this month.

3. Actual work as to the improvement of the channels for irrigation has now to be estimated for by this department; but as Mr. Johnston reports that he has not received any definite instructions as to what channels are to be relinquished and what new ones to be made, nor has Major Hasted's instructions been approved by you, there is some delay in making proper arrangements with regard to the levels, &c.

4. As it will be necessary to retain the Surveyor's services for another three months and entertain some more lascars, I beg to submit an estimate for sanction amounting to Rupees 720.

5. There is no necessity at present in my opinion to enlarge the establishment under the orders of the Special Officer; but, as soon as definite instructions are received from you as to the actual improvements to be carried out to the Cumbum tank channels, action will at once be taken to procure sufficient and efficient maistries.

From J. C. JOHNSTON, Esq., Assistant Engineer, Cumbum, to W. A. GOODCHAP, Esq., District Engineer, Kurnool, dated Kanthalapuram, 22nd September 1876, No. 49.

I HAVE the honor to request you will kindly cancel my No. 43, dated 16th instant, with regard to the temporary establishment required by me, and to accept this letter as a reply in part to your No. 37, dated 13th instant.

2. Before I am able to state exactly what assistance I shall need, I should like to be informed (a), what works I am expected to carry out, and (b) what sums of money will be placed at my disposal every year, or, in other words, the rate at which Government would like the works to be carried out.

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3. The following are the works which, as belonging in a greater or less degree to the sanitary arrangements about to be carried out for the town of Cumbum, I suppose will be placed in my charge :—

<i>Works.</i>						RS.
(1) Irrigation channels and bridge over Gundlakamma	...	...	...	...	...	1,30,000
(2) Water-supply of town...	...	...	...	...	...	30,000
(3) Hospital	...	...	...	...	...	11,500
(4) Surface drainage	...	...	...	...	...	26,000
(5) Building	...	...	...	...	...	25,000
(6) Latrines	...	...	...	...	...	4,000
Total...						2,26,500

There are several other smaller items which Mr. Farmer thinks he will be able to carry out, and if he be allowed an extra Overseer with one or two good maistries on Rupees 30 or 40 a month, the latrines also may be handed over to him, leaving me the five other items mentioned in my list.

4. Presuming that I shall be expected to carry out these works at one and the same time, and that I shall be allowed as much money as I am able to spend, I think the following establishment will suffice :—

For item 1.—On Taluq Overseer with a good idea of levelling, of masonry, and earthwork.

For items 2, 3, and 4.—One Taluq Overseer well up in levelling and in masonry work.

For item 5.—The Sub-Overseer.

To assist these men five maistries on about Rupees 30 or 40 will be necessary (the high pay being given to attract only good men), and a few common ones on Rupees 10 or so a-month. All maistries may be charged to works, but the difficulty is to get good men. Perhaps an application to a few of the surrounding districts may be of avail. The above large establishment will be necessary only if Government wish the works to be executed rapidly.

No. 239 W.

No. 182-A.

Note by the Chief Engineer for Irrigation.

THE District Engineer states that some delay in making proper arrangements with regard to the levels of the irrigation channels under the Cumbum tank, because definite instructions have not been received as to the channels to be relinquished and the new ones to be made.

2. Major Hasted has given his opinion as to the arrangements likely to secure the objects desired, and he made his remarks as complete as the absence of levels would allow. The local officers should of course give full consideration to Major Hasted's views, but as these could not be worked out by him in detail, they are necessarily liable to modification to a greater or less extent as detailed data become available.

3. As far as the undersigned can judge, there is with the exception of the new Nukkalagundi channel and the proposal to supply the Cuthwa Calwa in dry weather direct from the head of the Pedda Cumbum channel, nothing in Major Hasted's recommendations which will make any material difference in the extent and nature of the levels required for the improvement of the

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irrigation arrangements, and the prevention of these becoming in the future a source of injury to the health of the town.

4. The estimate for Survey Establishment has been disposed of.

OOTACAMUND, (Signed) JOHN MULLINS, Lt.-Col., R.E.,
2nd November 1876. *Chief Engineer for Irrigation.*
To the Secretary to Government, Public Works Department.

No. 183. ORDER THEREON, 10th November 1876, No. 3,019.

IRRIGATION, No. 11.

RECORDED, with reference to G.O.,
No. 2,846, of the 25th October 1876.

(True Extract.)

(Signed) G. W. WALKER, Major-General, R.E.,
Secretary to Government.

To the District Engineer, Kurnool.

„ Special Officer, Cumbum.

„ Superintending Engineer, Kistna.

„ Chief Engineer for Irrigation.

„ Public Department.

Exd. E. C. Shunker.

Spare Copies

No. 239-14. 23 Oct. 1876.
Letter from D. Engr. Hurmool, No. 73.

Note by the Chief Engineer for Irrigation.

Enclos. 3

The District Engineer states that some delay in making proper arrangements with regard to the levels of the irrigation channels under the Gumburn Tank because definite instructions have not been received as to the channels to be relinquished and the new ones to be made.

2. Major Hasted has given his opinion as to the arrangements likely to secure the objects desired and he made his remarks as complete as the absence of levels would allow. The local officers should of course give full consideration to Major Hasted's views but as these could not be worked out by him in detail they are necessarily liable to modification.

to a greater or less extent as detailed data become available.

3. As far as the undersigned can judge there is with the exception Major Hasted's of the new Kalkaligundi Channel Memo para 1 and the proposal to supply the do. para 6. Kuthwa Calwa in dry weather direct from the head of the Pedda Cumbum Channel, nothing in Major Hasted's recommendations which will make any material difference in the extent and nature of the levels required for the improvement of the irrigation arrangements and the prevention of these becoming in the future a source of injury to the health of the town.

4. The estimate for Survey Establishment has been disposed of.

Wm. Lumsden

Atacamund 2^d Nov 1876 } Chief Engineer for Irriga-
tion

To 4/1 15 to G. Lumsden

Handwritten notes in the top right margin, including the number 7.

Handwritten notes in the middle right margin.

Handwritten notes in the bottom right margin.

229-7-76 No 168.
 30-8-76 - 2295
 8-9-76 - 42
 no. 1352 8/9/76
 4-10-76 No 16.
 25-10-76 - 2846.

1876. P.W.D.
 No. 5024

From
 The Chief Engineer for Irrigation
 to The Secretary to Govt.
 P. W. D.

Dated 2^d } Nov. 1876
 Decr. 6 }
 Encls 3.
 W. 239-W.

No 182

Note on the District Engineer's
 letter regarding arrangements
 for improvement of the Cumbum
 Tank Channels, with remarks
 that the estimate for survey
 establishment has been
 dispensed of.

No 3019

Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 10 Nov/76.
 Read the following:—

From D. Engr. Hurmoor Esq. No 73 dt. 23^d Octr. 1876.
 Note by the Chief Engr. Esq. dt. 2^d Nov. 1876.
 for Engr. Esq.

Recorded with
 reference to f.o.
 No 2846 of the 25th
 October 1876.

by 211
 [Signature]

2 Encls. of the
 Cumbum Tank
 Improvement
 Estimate
 1876-77
 D. Engr. Hurmoor
 Spl. O. Cumbum
 S. V. Krishna
 C. Engr. with 3 Encl. Encls
 Pub Sept. 18-11-76

gmk
Govt. of 1876 Madras.
PUBLIC WORKS.

To

Mr N. G. Hume

Dated

Issued

Recd

Encl

G. O., 10th Dec 1876, No.

30/9

Nos. 182/3

*Improvements of the
Cumbum Lake Channels
Barnool & Suby
Change for Engr in D's
letter regarding arrange-
ments for*

*But no Regd
20-11-76*