

(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.	1885	Press	<i>Original</i>
B.P. No.		Mis.	
Dated	25. 7.	195	1876

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
25th July 1876. No. 1,835.*

No. 424. Read the following endorsement of the Chief Engineer for Irrigation, dated 21st July 1876, No. 107 W.:—

From W. A. GOODCHAP, Esq., District Engineer, Kurnool, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, dated Camp at Cumbum, 13th July 1876, No. 27.

I HAVE the honor to subjoin correspondence marginally noted with reference to emergent repairs to the Cumbum Tank Channels. It will be seen by a reference to the Head Assistant Collector's letters, Nos. 231 and 233, dated 10th and 11th July respectively, that he proposes to employ village labor and pay them himself every three days while dependent on this department for money, tools, and supervision. I have raised no objection to this arrangement as Mr. Farmer states that it is to feed the poor of Cumbum. I have instructed the Range Officer, Cumbum, to disburse cheques to Mr. Assistant Engineer Johnston on the receipt of his indents, who will furnish the Range Officer with monthly accounts and vouchers for work executed. I am not quite sure whether this arrangement will be approved by the Examiner of Public Works Accounts, but I have ordered it as a temporary measure; in the meanwhile a reference will be made to him.

MEMORANDUM with regard to removing Silt from Channels under Cumbum Tank, dated Cumbum, 5th July 1876.

The marginally-noted arzees from the Tahsildars of this division show that want of rain and a contribution of other causes have conspired to make it very probable that famine may ensue if there is no rain within next fifteen days.

2. The Collector has already a list of works (famine relief) which may be undertaken without professional aid to be submitted.

3. The Government are desirous that the clearing of silt from the channels under Cumbum Tank shall be undertaken and completed as soon as possible, and that the earth bunds above the Seekrail Anicut should be removed.

4. The ryots interested in this work have given petitions praying that the work may be undertaken by the Revenue Department.

5. Three of the most influential representatives of the agricultural inhabitants of Cumbum and its neighborhood have shown that they are really in earnest by agreeing in writing to get the necessary number of laborers and get through the work within periods specified. They are heads of villages and men of influence and ability in whom confidence may be reposed.

6. It is most essential that no avoidable delay whatever should be allowed to take place, as the first rice crop (upon which all the cultivators about Cumbum depend for subsistence) ought to be sown within twenty or twenty-five days. Work in the channels may impede the supply of water and thus aggravate the symptoms of famine. The ryots who agree to undertake the work are most vitally concerned in carrying it out with the least possible delay and so as not to interfere, in any avoidable way, with cultivation prospects. I am, therefore, of opinion that, in the absence of insuperable objections, we ought to accept their offer.

7. The following is an abstract of the amount of work (not requiring professional aid) which is said to be required.

Proceedings of the Madras Government, Public Works Department,
25th July 1876. No. 1,885.

Abstract of Work required to be done to the Cumbum Channels.

1	2	3	4	5	6	7	8	9	10									
Name of Channel.	EXTENT OF THE WORK OF REMOVAL OF SILT AND BRUSHWOOD.			NUMBER OF CUBIC YARDS OF SILT, WHICH EACH PERSON CAN REMOVE IN A DAY.			NUMBER OF PERSONS PROPOSED TO BE EMPLOYED ON THE CHANNEL.			NUMBER OF CUBIC YARDS OF SILT, &c., WHICH ALL THE PERSONS EMPLOYED CAN REMOVE IN A DAY.			DAILY RATE OF HIRE PROPOSED			Total Amount that will be required to be paid to the Number of Persons employed at the Daily Rate in Column 7 and at the Daily Rate in Column 8.	Remarks.	
	Length in Yards.	Width in Yards.	Depth in Yards.	Number of Cubic Yards.			Number of Days in which the Total Cubic Yards can be removed by the Persons employed at the Daily Rate			For a Male Cooly.			For a Female or Juvenile Cooly.					For a Waddar.
				Male Cooly.	Female or Juvenile Cooly.	Waddar.	Male Coolies.	Female or Juvenile Coolies.	Waddars.	Male Coolies.	Female or Juvenile Coolies.	Waddars.	For a Male Cooly.	For a Female or Juvenile Cooly.	For a Waddar.			
Pedda Cumbum Sluice Channel	8,300	34	4	66	34	30	396	136	240	773	24	0.30	0.20	0.40	679 0 0			
Nakkalagandi Channel	4,000	24	4	32	15	10	210	60	80	350	17	0.30	0.20	0.40	185 15 0			
Marlapati Channel	8,183	12	4	20	10	6	120	40	48	208	7	0.30	0.20	0.40	45 8 0			
Chinna Cumbum Sluice Channel	9,333	8 1/2	4	66	34	20	396	136	160	693	31	0.30	0.20	0.40	670 6 0			
Katva Channel	11,966	5	4	80	40	20	450	160	160	500	47	0.30	0.20	0.40	1,175 0 0			
Removal of Earth-bunds in the Gundakama	44	3	1	10	10	...	20	10	...	30	3	0.30	0.20	...	9 6 0			
Removal of Silt from do. do.	220	81	1	70	20	...	103	30	...	135	116	0.40	0.20	...	2,443 12 0			
															Total	5,108 15 0		

Proceedings of the Madras Government, Public Works Department,
25th July 1876. No. 1,885.

8. Even if it takes more money and time than anticipated to do this work, I consider that with a little supervision the money will be spent in such a way as to be a real boon to the poverty-stricken and remuneration to Government.

9. It would further appear that the works of removing silt from tanks, channels, and wells, making and repairing village roads, carting, carrying, and preparing materials for the new chavadies now sanctioned (G.O., No. 707, dated 9th July 1873, Revenue Department,) are the only famine relief works which can with advantage be undertaken without professional aid in this division.

10. Copies of this memorandum will be sent to the District Engineer and the Assistant Engineer Mr. Johnston, who are expected in a day or two at Cumbum. Another copy will be submitted to the Collector with reference to his letter, No. 503, dated 7th June 1876. If the suggestions meet with approval, the desirability of giving immediate effect to them will be self-evident.

Copy of a letter from the Assistant Engineer on Special Duty, Cumbum, to the Acting Head Assistant Collector, Cumbum, No. 4, dated 10th July 1876.

With reference to your memorandum forwarded with your No. 226, dated 6th July 1876, I have the honor to express my opinion as follows.

2. Owing to the removal of the earthen bunds in the Seekrail Cuttwa and the consequent lowering of the water, the Seekrail Cuttwa Channel appears to be the only one which requires removal of silt on emergency.

3. All work to the channels done by this department has to be based on levels and proper estimates according to memorandum, No. 7 K.R., dated 25th March 1876, from the Chief Engineer for Irrigation; therefore the proposed removal of silt from the Seekrail Cuttwa Channel should not be considered as final repairs, but as "emergent work" carried out by the Revenue Department in order to save irrigation; for, as this work should be completed within three weeks, there is no time for the necessary levels and sections to be run.

4. I quite agree with you, considering the probability of a famine, that the clearing of the Seekrail Cuttwa Channel should be completed as soon as possible, but that the other channels noted in your abstract should be left entirely to this department.

No. 1-A.

I CONCUR in the opinion expressed by Mr. Johnston.

(Signed) W. A. GOODCHAP,
District Engineer.

Copy of a letter from the Acting Head Assistant Collector, Kurnool District, to the Assistant Engineer on Special Duty, Cumbum, No. 233, dated 11th July 1876.

As I understood from you yesterday evening, with reference to my letter, No. 231, dated yesterday, that you would be prepared both to advance the money requisite for clearing silt so as to allow water to flow in the Katva Kalva, and that you were also ready to supervise the work, I have the honor to inform you that about one hundred coolies have now (10 A.M.) come to work, and I should be glad if you would send me a cheque for Rupees 500 and allow one of your subordinates to look after the work and supply any tools which may be requisite and available.

Copy of a letter from the Acting Head Assistant Collector, Kurnool District, to the Assistant Engineer on Special Duty, Cumbum, No. 231, dated 10th July 1876.

Your letter, No. 4, dated 10th July 1876.

I have the honor to state that I infer from the above that you will be ready to disburse the money requisite for removing the silt from the Seekrail Channel, and will give us the advantage of your supervision as the work progresses.

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25th July 1876. No. 1,835.*

2. In case you are unable to pay the money, the matter will have to rest as it is until the Collector comes.

Copy of a letter from the Assistant Engineer on Special Duty, Cumbum, to the Acting Head Assistant Collector, Cumbum, No. 5, dated 12th July 1876.

With reference to your letter, No. 233, dated 11th instant, I beg to forward you a cheque for Rupees 500; an acknowledgement is requested. The proper section for the Seckrail Cutwa Channel and depths of excavation will be set out with an estimate framed by this Department. I hope soon to put a maistry in charge of the work.

• Since employed.

SUBMITTED for the information of Government.

2. The daily rates of hire proposed, given in column 8 of the abstract of work, are high. They will be unobjectionable if the quantity of work given in column 4 be executed, and if task-work be therefore the arrangement carried out.

(Signed) JOHN MULLINS, Lt.-Col., R.E.,
Chief Engineer for Irrigation.

To the Secretary to Government, Public Works Department.

No. 425.

ORDER THEREON, 25th July 1876, No. 1,835.

IRRIGATION, No. 46.

The arrangements reported by the District Engineer are approved. The remarks of the Chief Engineer for Irrigation on rates should receive the District Engineer's attention.
(True Extract.)

Colonel,

Offg. Under Secy. to Govt., P.W.D.

To the District Engineer, Kurnool.
" Chief Engineer for Irrigation.
" Financial Department.
" Examiner of Public Works Accounts.

Exd. J. W. Fischer.
Spare Copies

N^o 127-W.

Enclot

Submitted for the information of Government.

The daily rates of hire proposed, given in column 8 of the abstract of work, are high. They will be unobjectionable if the quantity of work given in column 4 be executed, and if task work be therefore the arrangement carried out.

John Mullins Lt. Colonel,
Chief Engineer for
Irrigation

Asst Commr
21st July 1876

To
The Secretary to Govt
P.W. Dept.

Rev. for 9/10/73 No 707
P.M. - 1 May 76 - 1094
- 30 June 76 - 1682

P. W. 1876 Department

No 107 W. - 5348

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

Dated 21 July 1876
Received 27th - 1876
Encls 1

Cumbum Tank Channels.
Kurnool District - Submit
arrangements of the D.E. Kurnool,
regarding the urgent repairs
to the —, with remarks as to the
high rates of hire proposed.

No 424

Ci - 22.7.76 Mda. 25.7.76
Th. Sheet 40 July

E. I. Form No. 31

No 1085

Public Works Department.

PROCEEDINGS of the MADRAS GOVERNMENT.

UNDER date the 25 July 76.

READ the following:—

Endorsement of the Chief Engineer for Irrigation
No 107 W. dated 21st July 1876.

The arrangements
reported by the District
Engineer are approved.
The remarks of the
Chief Engineer for Irriga-
tion on rates should
receive the District En-
gineer's attention.

Wm. 21/7

Wm.

D.E. Kurnool.
C.E. for I with 1 Encl ✓
J. C. S. P.
C. P. W. ✓ Desd. 18

5348

Govt. of Madras
PUBLIC WORKS.

To The D. B. Kinnaird

Dated

Issued

Recd.

Encl

G. O. 25th July 1876, No. 1855

Recd.

Lambert Tank Chan-
nels - Kinnaird

Approving with remarks
the arrangements of the
D. B. Kinnaird for the emergency
pairs to the —

For the D. B. Kinnaird
18-8-76