

(1) Number of pages _____

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(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Work DEPARTMENT.

G.O. No. 706 (W)	Press ~~Mis.~~
Dated 2-3-	1877.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
2nd March 1877. No. 706.*

No. 20. Read the following docket from the Government of India, Public Works Department, (Civil Works—Miscellaneous,) dated Fort William, 20th February 1877, No. 66 M:—

Copy of the following forwarded to the Government of Madras, Public Works Department, for information in continuation of Public Works Department, No. 44 M of the 10th current.

(By order)

(Signed) G. F. N. MARSHALL, Capt., R.E.,
Offg. Asst. Secy. to the Government of India.

From the Secretary to the Government of India in the Revenue, Agricultural, and Commerce Departments, to the Secretary to the Government of India, Public Works Department, dated 15th February 1877, No. 96.

With reference to the endorsement from the Public Works Department, No. 45 M, dated the 10th instant, the undersigned is directed to inform that department, that Lieutenants Hammond and Pascoe of the Marine Survey Department have already been deputed to Madras to conduct the survey of the Madras Roadstead.

No. 21.

ORDER THEREON, 2nd March 1877, No. 706.

CIVIL WORKS, No. 5.

COMMUNICATED to the Superintendent of the Harbour Works and to the Marine Department with reference to the under-mentioned orders:—

G.O., 2,922, dated 31st October 1876.

„ 576, „ 21st February 1877.

(True Extract.)

Colonel,
Acting Joint Secretary to Government.

To the Superintendent, Harbour Works.
„ Marine Department.

Exd. S. T. Austin.
Spare Copies

All communications
should be addressed
to the Secretary.

No. 66 M.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

Civil Works

Miscellaneous

Fort William 20th February 1877

*Copy of the following forwarded
to the Government of Madras Public Works
Department for information in continu-
-ation of Public Works Department
No. 44 M. of the 10th current.*

By order.

G. F. J. Marshall Capt. & C.

Offg. Asst. Secy. to the Govt. of India

No. 96 dated 15th February 1877

From Government of India

in the Res. Agri. & Commerce Dept.

*To, The Secy to the Govt. of India
in the P. W. Dept.*

*With reference to the endorsement
from the Public Works Department No. 45 M.*

dated the 10th instant, the undersigned
 is directed to inform that Department that
 Lieutenants Hammond and Pascoe of
 the Marine Survey Department have ~~from~~
 already been deputed to Madras to ~~the Govt of India~~
 conduct the Survey of the Madras Roadstead.

P.W.D.

27 FEB 77

2108

No.

Dated 20th February

1877

JP 86 No.

31st Oct: 1876 2922 + 2923

10th Aug 1877 No 81 + 81.

21 Feb^y .. No 576.

W. V. K.

No 706 of 2 March 77

Communicated to the
 Superintendent of the Harbour
 Works, and to the Marine
 Department with reference to
 the undermentioned orders

G.O 2922 of 31. Oct^r 1876

..576- 21. Feb^y 1877

M. J.

W. V. K.

28.2.77

Supt. H. Works. ✓

Marine Dept. ✓

Desd - 14-3-77

Obt. of 1877 Madras.

PUBLIC WORKS.

To *The Sup^t Harbour Works*

Dated

Issued

Recd.

Encl.

G. O. 2 *March* 1877, No. 706

Nos. 20-21

*Survey of the Madras
Roadstead - Docket of
the Govt of India forwarding
a memorandum from the Rev^d
Commissioner intimating that Lt
Commander and Passol of
the Marine Survey Dept have
already been deputed to Madras
to conduct the —, Command
the Sup^t Madras Harbour
by the Marine Dept.*

Proceedings of the Madras Government, Public Works Department,
28th March 1877. No. 1,061.

Read the following papers:—

No. 712. From Colonel F. J. MOBERLY, R.E., Superintending Engineer, Chingleput, to the Chief Engineer, Public Works Department, dated St. Thomas' Mount, 16th January 1877, No. 3,604.

In continuation of my No. 3,427, of 8th January 1877, I have the honor to observe that it is still impossible to say to what extent the people of the Chingleput District will require employment to assist them in procuring food.

2. As yet they have clearly not felt the pinch of famine very largely; very many from all the country are under the delusion that Government and charitable natives are feeding the people gratuitously, and I fear that there is yet some ground for this idea in the case of the natives.

3. The embankments of the Naranaveram river require 550,000 cubic yards of earthwork, and some further labor can be employed in clearing bushes.

4. Three hundred and thirty thousand yards are wanted on the Corteliar embankments.

5. From the best information I have been able to procure I reckon on having 10,000 people from Ponnery and 12,000 from Trivellur, the taluqs more immediately interested on these embankments; they will, therefore, give work for only twenty-five days. Up to 30th ult. the number employed was only 1,061.

6. We may find works on tanks and roads for perhaps half these numbers, and assume that we are in consequence ahead of our work by nearly two months.

7. For further employment in the district I am still somewhat in difficulty as no projects have been brought forward.

8. I may however mention the improvement of the system of irrigation at Utramclur, on the investigation of which Mr. Carless would now have been engaged if he had remained in the district, and a scheme which has occurred to me with reference to G.O., No. 1,025, dated 17th April 1875, of cutting a channel from the north end of the Tamarapak anicut down the Ponnery Taluq for the supply of various tanks which may probably be capable of sufficient improvement to enable us to supersede the Manavary system of irrigation.

9. There would be some heavy cutting near the head of this channel, but after two miles it would be, I think, entirely in embankment. I have not however any means of investigating the project, and I fear that the Revenue Department will find the pressure of famine relief works too heavy to allow of their examining into the financial aspect of the question.

10. An officer or intelligent subordinate might prepare the plans in two months if the project commended itself in the general statement which I have been able to make above.

No. 68—W.

No. 712-A. Note by the Chief Engineer for Irrigation.

The letter, No. 3,604, of the 16th instant, from the Superintending Engineer, Chingleput, was written in continuation of No. 3,427, of the 8th idem; but as the latter refers to a drain which is not an agricultural work, and the former deals with proposals which are for the most part of this description, it will be convenient to consider the latter separately.

*Proceedings of the Madras Government, Public Works Department,
28th March 1877. No. 1,061.*

2. *Naranaveram and Corteliar Embankments.*—It will be desirable to limit the amount of labor to be employed on these to that which can be fairly superintended. It may be expected that if a system of task-work be enforced the numbers will not be excessive, and that consequently these works will afford employment for between two and three months to about 6,000 people.

3. *Utramalur Irrigation Works Improvements. Channel on left bank of Corteliar from anicut of Madras Water-works.*—Neither of these projects has been as yet designed, and it is improbable that they could be matured in time to be carried out as famine relief works. They must be based on levels, and thereafter the best arrangements have to be determined with reference to the ascertained circumstances. Such projects hastily undertaken would be likely to do harm rather than good, and the undersigned does not, therefore, recommend their being dealt with at present when there is no one who could find time to attend to them properly.

4. In Proceedings of the Madras Government of the 12th January 1877, No. 102, a list of irrigation works is given, for the execution of which from Famine Relief Funds appropriations have been made, and, if a fair outturn of work be exacted in return for the relief afforded, those works will usefully employ five or six thousand people for a month. The Superintending Engineer probably has estimates either sanctioned or awaiting sanction for many similar works, but the difficulty will be to provide for laying out the work or for pointing out to the village officers, or to others charged with the supervision, where and how it should be done. Small scattered works would be most convenient for the people needing relief were arrangements for their supervision practicable, but they are not so; and if it be necessary to undertake them, a large proportion of the money spent will be without useful results.

FORT ST. GEORGE, (Signed) JOHN MULLINS, Lieut.-Col., R.E.,
24th January 1877. Chief Engineer for Irrigation.
To the Secretary to Government, Public Works Department.

No. 713. ORDER THEREON, 23th March 1877, No. 1,061.

IRRIGATION, No. 48.

ORDERED to be recorded.

(True Extract.)

Lieut.-Col., R.E.,
Secretary to Government, P.W.D.

To the Superintending Engineer, Chingleput.
" Chief Engineer for Irrigation.
" Revenue Department.

Exd. A. Grubert.
Spare Copies

From
The Superintending
Engineer,
Chingleput
18 JAN 77
To
The Chief Engineer
Department
Public Works

Dated 16th January
1877
Received

No. 3604.

Observes that it is
still impossible to
say to what extent
the people of Chingleput
District will require
employment to assist
them in procuring food.

OFFICE OF CHIEF ENGINEER FOR IRRIGATION,

Fort St. George, 24 January 1877.

N^o 58-14

Note by the Chief Engineer for Irrigation.

Encls 1

The letter N^o 3604 of the 16th Instant from the Superintending Engineer Chingleput, was written in continuation of N^o 3427 of the 8th Idem, but as the latter refers to a drain which is not an agricultural work, and the former deals with proposals which are for the most part of this description, it will be convenient to consider the latter separately.

2- Nannavaram and Cortiliar embankments.

It will be desirable to limit the amount of labour to be employed on these to that which can be fairly superintended. It may be expected that if a system of task work be enforced the numbers will not be excessive, and that consequently these works will afford employment for between 2 and 3 months to about 6000 people.

3. Utramelur irrigation works improvements.
Channel on left bank of Kortiliar from
Anicut of Madras Water Works.

Neither of these projects has been as yet designed, and it is improbable that they could be matured in time to be carried out as famine relief works. They must be based on levels, and thereafter the best arrangements have to be determined with reference to the ascertained circumstances. Such projects hastily undertaken would be likely to do harm rather than good, and the undersigned does not therefore recommend their being dealt with at present when there is no one who could find time to attend to them properly.

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74 5
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Columbians Lieut. Col. R.E.
Chief Engineer for Irrigation

To, The Secretary to Government.
P.W.D.

12.1.77 No 102
 12.12.76 " 3385
 6.3.77 " 590
 13.9.75 " 2622
 3.6.77 " 1560
 5.5.77 " 1270

P.W.D.

24 JAN 77

No 698

From

The Chief Engineer for Irrigation

To

The Secretary to Government,

Public Works Department.

Dated 24/1/77 }
 Despatched 24/1/77 } 1877
 Received

ENCLOSURE /

No. 68-12.

Subject.

Harmonization of Clark's Substantive
 ment to the Famine Relief Works -
 Chingpet District - Reference to
 S's letter, stating how the poor may be
 employed on the —

No 712A

L. H. H. H.

Govt. of Madras.
PUBLIC WORKS.

To

The S. E. Chengalput

Dated

Issued

Recd

Encl.

G. O. 28th March 1906 No. 1061

HOS.

Put in file.

Sanction and Costal
Embankments and other
Relief Works in the Chingle
-put District - Note by the
Ch. Engr for Irrigation on
letter from the Supt. Engr
regarding the employment
of the poor on the —
recorded