

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

P. M. DEPARTMENT

G.O. No.	15	Press
B.P. No.		Mis.
Dated	17-	18

Not to be folded or roughly handled

Read the following papers:—

No. 231. From W. FRASER, Esq., C.E., District Engineer, Kurnool, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, dated Camp at Nullagunta, 19th May 1873, No. 193.

I HAVE the honour to request that sanction will be given for two surveyors for ten months from the 1st of next month. The establishment I ask for is as follows:—

	RS.
2 Surveyors at 100 Rupees each	200
4 Lascars (permanent), two at 7 Rupees and two at 6 Rupees each	26
8 Do. (temporary) for half a month at 3 Rupees each	24
Contingent charges, pegs, etc.	50

300 × 10 months = Rs. 3,000.

2. They would be employed—

I.—In completing the surveys of irrigation projects already partially investigated.

II.—Of projects altogether new, of which I have already seen many favourable sites.

III.—In the preparation of plans and estimates for improving existing tanks.

IV.—Preparing plans, etc., for the restoration of old tanks.

3. I have not yet seen in this district any site suitable for the storage of water on a large scale; but I have seen a good many where moderately large tanks could be economically constructed, and where, so far as one can judge by appearances, there is an ample supply of water.

So long ago as November 1868, the Collector, in his letter No. 393, printed in G. O. No. 2,921, dated 6th September 1869, drew attention to fifteen irrigation projects of various kinds, not one of which has yet been fully investigated; and only three, the Dhone, Talari Cheruvu, and Kalavatala Tank projects, have been partially surveyed. Besides these there are several projects which have been noted by the Range Officers, none of which have been investigated.

4. I have named 100 Rupees a month, because I find I cannot get a competent surveyor for less; this amount includes all contingent and travelling allowances. I am uncertain whether I can get two surveyors at once, but I can get one who has been very highly recommended; he is the man, Mr. Nipps, of whom I spoke to you; he is living near Nandial, and I would employ him for a month on the survey of that tank.

5. If this establishment is sanctioned I shall do my best, by taking up on project after another, to get through them satisfactorily, and to see that full value is got for the money paid.

Note by the Chief Engineer for Irrigation.

I do not think that it is advisable at the present time to proceed with any investigations for new irrigation projects in the Kurnool District. The establishment at the District Engineer's disposal will, for some time to come, find more

Proceedings of the Madras Government, Public Works Department.
17th June 1873.

than sufficient occupation in ascertaining the requirements of existing irrigation works, and in putting them into a state of complete efficiency, and similarly the roads need much attention. It is probable, however, that it will be worthwhile to employ one surveyor in order that proper estimates for the repair and improvement of existing works of irrigation may be the more promptly and correctly prepared, and that their circumstances in relation to neighbouring works may be ascertained. In the first instance therefore I would recommend that sanction for the employment of one surveyor for six months be given, and the District Engineer can, shortly before the close of that period, submit a report on the work done, and apply for such further sanction as may be necessary.

2. The circumstances of the Kurnool District being somewhat exceptional, the scale of pay, 100 Rupees a month, proposed for the surveyor may be allowed,

* Based on two lascars at Rupees 7 as also a lump sum of 35 Rupees a month for lascars* and contingencies.
Do. three .. at .. 6

3. The District Engineer should require the work done by the surveyor to be recorded day by day, and it should be examined either by himself or by a competent assistant at frequent intervals, so that the time of the surveyor may not be spent upon work not really needed. Full and detailed instructions for the guidance of the surveyor should also be prepared before his entertainment, so that he may go to work at once, understanding what he has to do, and what time is necessary for doing it.

OOTACAMUND,
31st May 1873.

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

No. 232.

ORDER THEREON, 17th June 1873, No. 1,585.

ESTABLISHMENT, No. 26.

THE Government sanction the employment of a surveyor and lascars for six months in the Kurnool District for the purpose of ascertaining the requirements of existing works of irrigation, the present condition of which is understood to be far from efficient. On the receipt of a report of the work done by this temporary establishment, it will be considered whether a continuance of its employment will be desirable.

2. The cost of the surveyor and lascars which will not exceed Rupees 135 a month will be met from the provision for temporary establishments.

(True Extract.)

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

To the Chief Engineer for Irrigation.
" District Engineer, Kurnool.
" Controller of Public Works Accounts.

Exd. E. C. Shunker.

Spare Copies.

193

District Engineer's Office,
Camp Hallagunta,
19th May 1873.

From, The District Engineer,
Kurnool.

To, The Chief Engineer,
for Irrigation.

Sir,

I have the honor to request that sanction will be given for two Surveyors for ten months from the 1st of next month. The establishment I ask for is as follows:—

2 Surveyors at 100
Rs. each } 200

4 Lascars (permanent
2 at 7 Rs & 2 at 6 Rs each. } 26

8 -do- (temporary for
half month at
3 Rs each } 24

Contingent Charges
Pegs &c } 50

300 x 10 months = Rs. 3000

2. They would be Employed:-

I In Completing the Surveys
of Irrigation projects already
partially investigated;

II Of projects altogether new
of which I have already

seen many favourable sites;
III. In the preparation of
plans and estimates for improv-
ing existing tanks;

IV. Preparing plans &c
for the restoration of old Tanks;

3. I have not yet seen
in this District any site sui-
table for the storage of water
on a large scale; but I have
seen a good many where mo-
derately large tanks could
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and where, so far as one
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which have been noted by
the Range Officers, none of
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Surveyor for less. This
Amount includes all Contingents
and travelling Allowances.

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but I can get one, who has
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He is the man, Mr. Phipps,
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He is living near Handial
and I would employ him
for a month on the Survey
of that tank.

5. If this establishment
is sanctioned I shall do
my best, by taking up one
project after another, to get
through them satisfactorily,
and to see that full value
is got for the money paid.

I have the honor to be

Sir

Yours most Obedient Servt.

William Massey

C. E.

District Engineer

1873-74 P. W. D.
C. S. No. 813.
From The Distt. Engr.
Kurnool
To The Chief Engineer
for Irrigation
Dated 19 } May 1873.
Recd 25 }
No. 193
O. S. 17 June 73 B. 231
Requests sanction
for two surveyors
for the reasons
therein explained.
P. W. 3358/73.

Note by the Chief Engineer for Irrigation.

I do not think that it is advisable at the present time to proceed with any investigations for new irrigation projects in the Kurnool District. The establishment at the District Engineers' disposal will, for some time to come, find more than sufficient occupation in ascertaining the requirements of existing irrigation works, and in putting them into a state of complete efficiency; and similarly the roads need much attention. It is probable however that it will be worth while to employ one surveyor in order that proper estimates for the repair & improvement of existing works of irrigation may be the more promptly and correctly prepared, and

Public Works Department
 No 1585
 Proceedings of the Madras Government
 Read the following

From The Chief Engineer for Irrigation } H.E. No 8/31st May/73/

The Government sanction the employment of a surveyor & lascars for 6 months in the Tirunelveli District, for the purpose of ascertaining the requirements of existing works of irrigation, the present condition of which is understood to be far from efficient. On the receipt of a report of the work done by this temporary establishment, it will be considered whether a continuance of

MR

P. M. 1843 Michael
 Port John Street
 No 3358.

The Chief Engineer for
 Irrigation

To The Secretary to
 Govt P.W.D.

Order of the
 Govt of Madras
 No 9 June 3/73.

Enc. 1

Recommend to the
 employment of a
 surveyor & lascars
 for 6 months in
 the Tirunelveli

No 1585

No 1585-17th June 73.

of the ~~Government~~
will be desirable.

2. The cost of the
Surveyor & his cars,
which will not exceed
Rupees 135 a month
will be met from
the provision for tem-
porary establishment.

by 2/6/73
G.M.M.

Cp. 3358

GOVT. OF INDIA
PUBLIC WORKS.

The Chief Engineer for
Irrigation

Recd.

Recd.

Encl. 1

G.O. 17th June 1585.

No. 231 & 232

Temporary Establishment.

The Employment of a
Surveyor & his cars
for six months in the
Kurnool &c, & same
is noted with remarks.

The Chief Engineer for Mr. V.
- - - Mr. S. S. Kurnool
- - - Controller of Mr. S. S.

Dated 25/6/73

J-231-32.