No. 306A. Read the following letter from W. FRASER, Esq., District Engineer, Kurnool, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, dated Singanapalle, 24th December 1873, No. 933B:—

I HAVE the honour to inform you that on the 10th of next month the time for which the temporary Surveyor, Mr. Nipps, was allowed to be employed will expire,* and that I am desirous of employing him until the end of the current official year, when I shall report again.

* G. O., No. 1,585, 17th June 1873.

The account stands thus up to the end of *this month*:—

	Rs.
Amount sanctioned	810
Do. expended to 31st December	615
Balance unexpended	195
Three months to the end of March next, at 120 Rupees per month...	360
Amount for which sanction is now asked	165

2. I am not satisfied with the amount of work done by Mr. Nipps, but the circumstances were rather unfavourable; as for a considerable part of the time he has been employed, I was unable to superintend his work personally so as to train him for the work he had to do. This arose from my long detention in the Cumbum Range, and afterwards from my being crippled with guinea worm. He was thus left much to himself; and, although he is probably the best Surveyor I can get here, he is not familiar with the work required of him, and part of his time was lost. For the last three months, however, he has been under my personal instructions he has very much improved.

3. At first I placed him under the Nundial Range Officer for the purpose of preparing a survey, sections, and estimate of Nundial tank. These have been nearly completed; but as the amount is very large I must go through the whole matter with the Range Officer on the ground, when he returns from leave, before I can send the papers up. The greater part of his time was spent on this work. He was also employed on the estimates for seven or eight other irrigation works; and he is now engaged in preparing an estimate for a new calingulah for Owk tank, from a survey and sections prepared by him under my own personal instructions in the field. This will be sent up in a few days. He has, in common with myself and others, suffered greatly from fever, and has been 16 days on sick leave.

I have made use of him, occasionally, for general duty under emergency. He is very willing and is anxious to succeed, but his training has been bad; in fact, the whole work he had to do for me was new to him. He has now got into the way of working, and I should like to utilize the knowledge he has obtained.

4. Besides all this I am very badly off for officers and require assistance. There is no Sub-divisional Officer, and three Overseerships are vacant. The irrigation works have been so thoroughly neglected that it will take a considerable time to get them into good order, and nothing can be done with certainty without surveys and levels. Then there are in this district so many favourable sites for new tanks, and irrigation is so much wanted that not only one but several Surveyors could be usefully employed in surveying them; close to Owk three miles

from this there is a very fine site which was partially bunded several hundred years ago, and it is very provoking that I have no one to take the sections which would enable you to see whether its investigation should be proceeded with.

5. I trust that, under these circumstances, I shall be allowed to continue the employment of Mr. Nipps until the end of March.

No. 306B. ORDER THEREON, 23rd January 1874, No. 155A.

IRRIGATION, No. 30A.
Establishment.

THE District Engineer's report on the work done by the Surveyor and establishment sanctioned in G. O. of the 17th June 1873, No. 1,585, is very far from satisfactory. Six months should have sufficed to obtain the detailed information required for the repair of all the more important tanks in the district likely to be taken up within the next two or three years. The Surveyor should not be employed in designing masonry works.

2. The Surveyor may continue to be employed up to the 31st March, and the District Engineer will then report in detail what work he has done during the whole time of his employment, giving the names of the tanks or other works, particulars of their revenue and irrigated area, time and cost of the survey work done in connection with them, and the amounts, actual or approximate, of the estimates prepared from the information obtained by the Surveyor. It will then be seen what the value of the services rendered has been, and the Government will be able to judge whether it is desirable that similar arrangements should be sanctioned in the future.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

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

Exd. E. C. Shunker.
Spare Copies

District Engineers Office
Singanapalle 24th December 1873

From
The District Engineer
Kurnool.

To
The Chief Engineer for
Irrigation.

Sir

I have the honor to inform you that on the 10th of next month, the time for which the temporary Surveyor, Mr. Nipps, was allowed to be employed, will expire, and that I am desirous of employing him until the end of the Current Official year, when I shall report again:-

The account stands

* G.O. No. 1686 17th June 1873.

thus up to the end of this month.—

	Rupees
Amount sanctioned	810--
Do:— expended (to 31st Dec!)	645--
Balance unexpended:	165
Three months to the end of March next at 120 Rupees per month	360--
Amount for which sanction is now asked	165

2.— I am not satisfied with the amount of work done by Mr Kippo, but the circumstances were rather unfavourable; as for a considerable part of the time he has been employed, I was unable to superintend his work personally, as I was to train him for the work he had to do: This arose from my long detention in the Kamban Range, and afterwards from my being crippled with guinea worm.

He was thus left much to himself, and although he is probably the best surveyor I can get here, he is not familiar with the work required of him, and part of his time is lost. For the last three months however he has been under my personal instruction, and he has very much improved:—

3 At first I placed him under the Kandial Ranger Officer for the purpose of preparing a survey, sections and Estimate of Kandial tank These have been nearly completed, but as the amount is very large I must go through the whole matter

certainty, without surveys and levels: Then there are, in this District, so many favourable sites for reis tanks, and irrigation is so much wanted, that, not only one, but several Surveyors could be usefully employed in surveying them: Close to Cork, 3 miles from this, there is a very fine site which was partially bunded several hundred years ago, and it is very provoking that I have no one to take the sections which would enable you to see whether its investigation should be proceeded with: —

I trust that under these circumstances I shall be allowed to continue the

employment of Mr. Nipps until the end of March. —

I have the honor to be

Sir

Your most Obedt Servant

Julius Reuss C.E.

District Engineer. —

certainty, without surveys and levels: Then there are in

which would enable you to see whether its investigation should be proceeded with:—

I trust that under these circumstances I shall be allowed to continue the

No. 155 dt. 3rd Jan. 1874.

Rec'd of the Madras Govt.

Read the following

from the Dist. Engr., Kurnool (U.R. No. 0724 "Dec/73).

The District Engineer's report on the work done by the Surveyor and establishment sanctioned in G.O. No. 1144 June 1873, for 1886 is very far from satisfactory. Six months should have sufficed to obtain the detailed information required for the repair of all the more important tanks in the District likely to be taken up within the next 20 or

years.

gears. The Surveyor should not be employed in designing masonry works as such until executing works shall have been put into proper order. The Govt will not be prepared to sanction the investigation of any proposed new projects however promising.

2. The Surveyor may continue to be employed up to the 31st March and the District Engineer will then report in detail what work he has done during the whole time of his employment, giving the names of the tanks or other works, particulars of their revenue and irrigated area, time and cost of the survey work done in connection with them, and the amounts, actual or approximate, of the estimates prepared from the information obtained by the Surveyor. It will then be seen what the value of the services rendered has been, and the Government will be able to judge whether it is desirable that similar arrangements should be sanctioned in the future.

Irg. 14/1/74

Govt. Order
Irrigation
Pamphlet

Omit. the word
[illegible]

To The Dr Engr Kurnool
" Chief Engr for Irr:
" Controller.

In. S. dept. circ to Dr Engr Kurnool 23/1/74.
O-C — to all 7/2/74.

No 246 ☆

Govt. of [1874] Madrid

PUBLIC WORKS.

To The District Engr
Tarrasa

Dated

Recd. Encl.

G. O. 28 Feby No. 155 A.

Nos. 306 A & 30613

Temporary Survey Establish-
ment. Paspy orders on
letter from the Dt. Engr.,
Tarrasa, reporting on
the work done by the Sur-
veying Establishment sanctioned for as-
certaining the requirements
of Irrigation works and
requesting sanction to the
continuance of the Establish-