Public Works (1898) Department.

G.O., No. 872 W

DATED 31 March 98

2/4/98

[Despatch Abstract.]

Survey establishment. Sanction accorded to the entertainment, for a period of 3 months, of the — required for the investigation of irrigation projects in the upland taluks of the Kistna District.

90/4

B 31 3 98

Indexed. 1/4

[P. W. 26. 1,000—12-2-98.]

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

GENERAL.
ESTABLISHMENT.

Government {1898} of Madras.

PUBLIC WORKS.

Recd. } 1898. *Enclosures*

Regd. *Spare copies*

G.O., No. 872 W., 31st March 1898.

MARCH.

Survey Establishment

Sanction accorded to the entertainment, for a period of three months, of the — required for the investigation of irrigation projects in the upland taluks of the Kistna district.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

Read—the following paper :—

From Captain W. M. ELLIS, R.E., Executive Engineer, Kistna Northern Division, to the Superintending Engineer, II Circle, dated 2nd March 1898, No. 799 S.E.

[*Reference*—G.O., No. 330 W., dated 10th February 1898.]

I herewith submit a proposition statement for one surveyor and four survey lascars for three months.

This surveyor will be employed taking flying levels, sections, &c., to assist me in preparing preliminary reports, and selecting sites for proposed works and also in investigation of small projects which may appear feasible. For investigation of any big work which may be recommended, further establishment will, if necessary, be applied for.

As G.O., No. 330 W., dated 10th February 1898, approves of the general proposals made by me regarding investigation, I am engaging the surveyor in anticipation of sanction.

2. The surveyor selected knows part of the localities to be visited being the man who has been employed on the survey of dasabandam tanks in Vinukonda taluk, some of which I shall take the opportunity of inspecting with him prior to the issue of instructions for the preparation of estimates.

Enclosure.

Statement of proposition for revision of establishment, Madras Presidency.

Number.	Designation.	Nature of changes. Proposed scale. Pay. Minimum.	Increment.	Maximum.	Average or fixed.	Total cost.	Proposition. Permanent. Increase per month. Amount.	Decrease per month. Amount.	Temporary. Increase per month. Period.	Increase per month. Amount.	Decrease per month. Period.	Decrease per month. Amount.
					Rs. A. P.	Rs.			Mons.	Rs.		
1	Surveyor	..	..	..	80 0 0	80	..	..	3	80	..	..
4	Lascars	..	..	..	7 8 0	30	..	..	3	30	..	..
		..	..	..	..	110	..	..	3	110	..	..
	Total for 3 months ..	..	..	..	..	..	..	..	..	330	..	..

Remarks.—To accompany the Executive Engineer on investigation of projects in Vinukonda, Narsaraopet, Sattenapalli taluks as per orders of Government in G.O., No. 330 W., dated 10th February 1898.

No. 754 K.N.

Forwarded to the Chief Engineer, Public Works Department, with reference to G.O., No. 330 W., dated 10th February 1898, for favour of early sanction of Government being obtained to the temporary establishment applied for.

(Signed) J. S. WILSON,
for Suptg. Engineer, II Circle.

16th March 1898.

Order—No. 872 W., dated 31st March 1898.

Sanction is accorded to the entertainment, for a period of three months, of the survey establishment required for the investigation of irrigation projects in the upland taluks of the Kistna district as detailed in the statement submitted by the Superintending Engineer, II Circle.

2. This sanction has been registered as Provincial No. 100 W. of 1897–98 and classified as Establishment—Temporary.

(True Extract.)

for Under Secretary to Government.

To the Superintending Engineer, II Circle.
" Examiner, Public Works Accounts.
" Chief Engineer for Irrigation.

Exd. Md. Pahilvan.

Public Works (1898) Department.

CURRENT No. 2571

Govt Estabt

No 872 W & 31-3-98

A
~~H.~~

From

J. Hannan Esquire.
Superintending Engr
2nd Circle

No. 754 K.N

Dated 16 March 1898

Received } 19—do—
Registered }

Enclosures 1

Spare copies

SUBJECT.

Investigation of Project works in the Kistna Western division - Forwards for obtaining Sanction of Govt for the Survey Establishment required for the ——,

Order

A.SH 30.3.98

Sanction is accorded to the entertainment, for a period of 3 months, of the survey establishment required for the investigation of irrigation projects in the Upland Taluks of the Kistna District, as detailed in the statement submitted by the Supty. Engineer II Circle

2. This sanction has been registered as Provincial No: 100 W of 1897-98, and classified as Establishment, Temporary.

[signature] 24.3.98

Maj B/ PHC Cash 28/3/98

To
The S. E. II Circle
" Exec. P. W. Accts
" Chief Engr for Irrigation

DW 19/4/98

P. T. O. for note.

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.
330 W	10-2-98

Note

The proposals of the Supty. Engineer II Circle in regard to the investigation of irrigation projects in the upland taluks of the Kistna District were approved, and he was asked to submit an application for the requisite survey establishment. ~~The accompanying~~ Vide G.O. No: 330 W d/10 February 1898. The accompanying application has accordingly been received and it is recommended for sanction. The investigation is in connection with Famine Chief works

[signature] 28.1.98

[signature]

[signature] 28/3/98

N.E. 29-3-98. R 31/3/98.

P. W. D. Form No. 113.

500—12-7-96.

MADRAS PRESIDENCY.

Part II.

Tabular Statement to accompany proposals for changes in establishments.

NOTES.

Reference to P. W. D Code.

Chapter I, Para. 30.

1. All proposals for changes in the scales of permanent establishments must be accompanied by a statement in Part I of this form when the changes relate to the engineer or upper subordinate establishments and in other cases by a statement in Part II of this form.

2. The column headed "present scale" should invariably show the existing *sanctioned* scale (not the strength of the establishment as it actually stands at the time), and should be verified by the Examiner before the statements are forwarded to the sanctioning authority.

P. W. D. Form No. 113.

MADRAS PRESIDENCY.

P. W. D. Form No. 113,

Part II.

Statement of proposition for revision of establishment.

Part II.

Order sanctioning present establishment. Govt. of P. W. D. No.	Date.	Office to which the proposition refers.	Present scale. No.	Designation.	Pay. Minimum.	Increment.	Maximum.	Average or fixed.*	Total cost.	Proposed scale. No.	Designation.	Pay. Minimum.	Increment.	Maximum.	Average or fixed.*	Total cost.	Proposition. Permanent. Increase per month. Amount.	Decrease per month. Amount.	Temporary. Increase per month. Period.	Amount.	Decrease per month. Period.	Amount.	Remarks.
					Rs.	Rs.	Rs.	Rs.				Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Mon.	Rs.	Mon.	Rs.	
										1	Surveyor	.	.	.	80	80			3	80			To accompany the Executive Engineer on investigation of projects in Vinukonda, Narasarowpet, Sattenapalli Talugs as per orders of Government in G. O. No. 330W d/10-2-98.
										4	Lascars	.	.	.	7/8/-	30			3	30			
																110			3	110			
												Total for 3 months								330			
				Total ..	..	..	..	..	..		Total ..	..	..	..	..	..	..	..	..	..	..	..	

* In the case of appointments on progressive pay, the "average" should be calculated according to the rules in the Pay and Acting allowance code.

Certified that the entries under the head "present scale" have been duly verified by me.

Examiner, P. W. Accounts.

Madras.

Dated the _____ 189 .

(sd) W. M. Ellis, Captain R.E.,

Executive Engineer,

Kistna Northern Division.

Dated the 2 — 3 — 1898.

(True copy)

Mr. Nyashon
Manager
S. E. Office

P.W.S. 1
2571/98.

Copy of the letter from Captain W.M. Ellis R.E., Executive Engineer, Kistna Northern Division, to the Superintending Engineer II Circle, No. 799 dt. 8/2-3-98.

Q

Reference G.C. $\frac{3304}{10-2-98}$

I herewith submit a proposition for one Surveyor and 4 Survey Lascars for 3 months.

This Surveyor will be employed taking flying levels, Sections &c, &c to assist me in preparing preliminary reports, and selecting sites for proposed works and also in investigation of small projects which may appear feasible. For investigation of any big work which may be recommended, further establishment will, if necessary, be applied for —

As G.C. No. $\frac{3304}{10-2-98}$ approves of the general proposals made by me regarding investigation, I am engaging the Surveyor in anteci-

pation.

-pation of sanction.

2. The surveyor selected knows part of the localities to be visited being the man who has been employed on the survey of Dasahandam tanks in Vinukonda Taluq. Some of which I shall take the opportunity of inspecting with him prior to the issue of instructions for the preparation of estimates.

Enclosure:-/

No 754 K&V
16.3.98

Forwarded to the Chief Engineer. P.W.D. with reference to G.C. No 330W dated 10th February/98. for favour of early sanction of Government being obtained to the temporary establishment applied for.

14/3/98
Executive Engineer
for Superintending Engineer
II Circle.

14/3

GENERAL.
ESTABLISHMENT.

Government {1898} of Madras.

PUBLIC WORKS.

Recd. } 1898. Enclosures
Regd. } Spare copies

G.O., No. 330 W., 10th February 1898.

FEBRUARY.

Irrigation Projects in the Upland Taluks of the Kistna District

Approving and sanctioning, with remarks, the proposal of the Superintending Engineer, II Circle, to relieve Captain Ellis, R.E., Executive Engineer, Kistna Northern division, at once of the workshops and head works, which should be taken over by the Executive Engineer, Kistna Eastern division, for the investigation of —.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

Read—the following papers:—

From Captain W. M. ELLIS, R.E., Executive Engineer, Kistna Northern Division, to the Superintending Engineer, II Circle, dated 19th January 1898, No. 670 S.E.

Your endorsement No. 14 Gl., dated 7th January 1898, on Chief Engineer's memo., No. 5608 C., dated 23rd December 1897.

The upland taluks of Kistna are the following:—

Palnad.	Sattenapalle.
Vinukonda.	Parts of Bezwada and Guntúr.
Narasaraopet.	Nandigáma.

2. Of these, Palnad is provided for; and in the case of Bezwada and Guntúr, it is not likely that need for opening famine works would occur. There is a good deal of work obtainable in the delta parts of these taluks yearly, both at agricultural labour and on Public Works Department and Local Fund works.

These taluks might be taken up for investigation after the others have been disposed of, but for the present they may, I think, lie over.

3. *Vinukonda taluk.*—The Guntlakumma and its tributaries form the main drainage of the whole taluk, and the proposed investigation should take up in the basin of this stream commencing at about Gokanakonda. A careful inspection and report on the river and branches is required, viz.:—

The Colair river from Pedakuncherla up to Gundepalli and Kocherla and its tributary, the Kondavanka.

The Passupuvagu, across which Dondapad tank is thrown, need not be investigated; it has unfortunately been tried and found wanting.

The main river should be followed throughout the limits of the taluk.

4. *Narasaraopet taluk.*—The principal drainage is a stream called the Ogeru.

This requires similar inspection from the crossing of the Commamur canal to about Uppalapadu and Kakani.

5. *Sattenapalle taluk.*—There are two principal drainages which outfall in the Kistna at Munigunta and Vaikuntapuram, some 6 miles above and 3 miles below Amravati, respectively. The first is the most important, but both traverse the length of the taluk from south to north and require inspection—the first from Uppalapadu and Tondapi to the outfall, and the second from Patibonda to the Kistna.

6. *Nandigáma taluk.*—The Muniyeru is the main drainage of this taluk and the project under it is approaching completion. There is an anicut across Pallair river in Nizam's dominions, which is capable of giving water to an extended area (some 2,500 acres), all in British territory.

This project should be seriously investigated, and I propose to see the place in February and will make proposal after seeing it. There is also a project for the restoration of the ruined tank of Chinnaravapalem which requires inspection and which would probably be a suitable famine work. These two projects are, I believe, all that can be expected from this taluk in the way of new irrigation works.

The raising the bund of the Somaveram tank—a work supplementary to the Muniyeru project—also requires investigation.

7. The above is a detail of what is required to carry out the orders of the Chief Engineer. The establishment required would be one selected officer or subordinate having considerable experience of irrigation works in uplands and a good "eye for country." He should go over the routes mentioned having at his disposal one surveyor to take such flying levels, &c., as he may require to assist him in making a report and selecting sites for detailed investigation. This officer would report on each drainage giving detailed instructions for carrying out further investigation with regard to such projects as his preliminary inspection led him to believe promising ones.

Until this is done it is, in my opinion, useless to appoint extensive survey or subordinate establishment to make detailed surveys, designs of works or estimates. With the exception of the projects in Nandigáma taluk, with which I have already some acquaintance, I will be unable to undertake this investigation (unless relieved of some of my present work). The office work in the division is very heavy and this combined with the charge of the head works of the Kistna system, ties me to head-quarters to an extent which makes my inspections of works actually in progress less frequent than is desirable and quite prevents me from undertaking the extensive investigations required. The Sub-divisional officer, Guntúr, has not sufficient experience to do this work. He has only been two years in India and, although I have no reason to be dissatisfied with his work, I doubt if he possesses in any marked degree the eye for country so necessary to such investigations. Further, his ordinary duties occupy his whole time at present.

No. 215 K.N.

Forwarded to the Chief Engineer for Irrigation, with a recommendation that Captain Ellis be relieved at once of the workshops and head works which should be taken over by Divisional officer, Kistna Eastern, with a view to setting Captain Ellis free for the investigation of the project referred to by him. There is no objection to this proposal. The Divisional officer, Kistna Eastern, can do what all his predecessors have done before the Kistna Northern was made a separate division and look after shops, quarries, and head works in addition to his present charge, the more especially as now there is but little work going on in the delta.

Sanction by wire is requested to give effect to the above proposal if approved.

(Signed) W. M. ELLIS,
for Supg. Engineer, II Circle.

25th January 1898.

No. 37.

The accompanying paper seems to have been addressed to me by mistake. There is no objection to the proposals contained in the Superintending Engineer's endorsement.

(Signed) W. HUGHES,
Chief Engineer for Irrigation.

3rd February 1898.

Order—No. 330 W., dated 10th February 1898.

The proposals in the Superintending Engineer's endorsement are approved and sanctioned. The Superintending Engineer will arrange accordingly, and submit an application for the survey establishment required by Captain Ellis.

(True Extract.)

(Signed) W. B. deWINTON,
Ag. Secretary to Government.

To the Superintending Engineer, II Circle.
" Chief Engineer for Irrigation.
" Examiner, Public Works Accounts.
" Revenue Department.

Exd. T. K. Narayana Aiyangar.