

32181
Govt. of Madras
PUBLIC WORKS.

The Chief Engineer
Survey Establishments
Irrigation Department

Date:

Initial

Recd.

Encl.

G. O., 26 May 1875, No. 1472

No. 576-577

Transmitting Proceedings
relative to Survey Establishments
employed in the Irrigation
Department.

Survey Establishments in
the Irrigation Department

Copy of the Proceedings
relative to the ——— to
be transmitted for the informa-
tion of the Government
of India with reference
to para 2 of Colonel Dick-
son's letter No. 56 A.G. of the
22nd January last.

Proceedings of the Madras Government, Public Works Department,
26th May 1875.

No. 516.

Read the following:—

No. 267-B.

MEMORANDUM.

THE following information is submitted with reference to paragraph 2 of G. O.,
No. 595, of the 2nd March 1875.

The survey establishments employed in the Irrigation Department are charged to
the following heads of service:—

CAPITAL.

Loan Fund—Investigation of projects.

Execution of do.

Ordinary—Investigation of projects.

Revenue—Preliminary investigation in connection with the maintenance of
existing works of irrigation.

All establishments chargeable to Capital are specially sanctioned by Government.
Establishments sanctioned under Revenue are authorized from time to time on the
conditions prescribed in Circular No. 62, with reference to G. O., No. 581, dated 5th
March 1874, by the Chief Engineer for Irrigation.

All charges under Ordinary, whether against Capital or Revenue, have heretofore
been met from the provision for temporary establishments in the general Public Works
Budget; but in the Budget of the Irrigation Department for 1875-76, Rupees 15,000
have been entered for such establishments chargeable to Agricultural Funds.

2. Subjoined are the particulars of all Survey Establishments in force during the
current year.

District.	No. and Date of Sanction.	Amount sanctioned.	Particulars of Work or Project on which employed.
CAPITAL.		RS.	
Godavery ...	G. O., No. 1,719, dated 25th June 1874.	1,776	For the Eastern and Western Deltas in connection with the completion estimates now being carried out.
Kistna ...	G. O., No. 976-A, dated 14th April 1874.	5,300	For preparing completion estimates of the Kistna Delta.
Tanjore ...	G. O., No. 1,719, dated 25th June 1874.	3,230	For the Coleroon Survey.
Do ...	G. O., No. 3,381, dated 2nd December 1874.	205	For fixing bench mark stones in connection with the Coleroon Survey.
Total ...		10,511	
Ordinary.			
Ganjam ...	G. O., No. 1,753, dated 30th June 1874.	180	For surveying and levelling two tamparas or lakes.
Vizagapatam ...	G. O., No. 1,381-B, dated 22nd May 1874.	1,080	For surveys in connection with Kondikirla Ava Project.
Do. ...	G. O., No. 680, dated 10th March 1875.	150	Do. do. do.
Do. ...	G. O., No. 436, dated 16th February 1875.	100	For the surveys and levels required in connection with the alteration of arrangements for the supply of the Mokk. Jadar's Channel from the Kopaka Anicut.

*Proceedings of the Madras Government, Public Works Department,
26th May 1875.*

Drainage Works.	No. and Date of Sanction.	Amount sanctioned.	Particulars of Work or Project on which employed.
Godavery ...	Chief Engineer's No. 185, dated 13th February 1875.	RS. 90	Peravelly sub-section, Western Delta.
Do. ...	Do. No. 20, dated 8th January 1875.	30	Chettupett do. do.
Do. ...	Do. No. 185, dated 13th February 1875.	750	Biccavole do. Eastern Delta.
		384	Rallea do. Central Delta.
		500	Ramachendrapur sub-section.
	Total ...	1,754	

4. Information is not yet available regarding the survey establishments of 1875-76.

FORT ST. GEORGE, 6th March 1875. (Signed) JOHN MULLINS, Lieut.-Colonel, R.E.,
Chief Engineer for Irrigation.

No. 517. ORDER THEREON, 26th May 1875, No. 1,472.

IRRIGATION, No. 63.
Establishment.

ORDERED that a copy of these Proceedings be transmitted for the information of the Government of India, with reference to paragraph 2 of Colonel

Dickens' letter, No. 56 A.—G., of the 22nd January last.

(True Extract.)

(Signed) J. O. HASTED, Major, R.E.,
Offg. Joint Secretary to Government.

No. 517-A. (DOCKET No. 1,472-A, dated 26th May 1875.)

COPY of the above forwarded for the information of the Government of India.

(True Extract.)

Major, R.E.,
Offg. Joint Secretary to Government.

Exd. A. Grubert.

Spare Copies

N^o 633 Office of the Controller of
Public Works Accounts.
Madras 4th May 1875.

From

The Controller of
Public Works Accounts.

To

The Chief Engineer for
Irrigation.

Sir

Enclosure
1 statement.

In returning, duly verified,
the entries in the accompanying
memo received with your N^o 267 A
of the 6th ultimo, I have the honor
to point out that the sanctions
detailed below have not been
entered in the memo.

For surveying & estimating
the extension of the East

Coast Canal Rupees — 1200 G.O. N^o 109 A and 492

This is not an
Irrigation charge.

by.

of 16th January 1876

Feb'y 1874, respectively

" ————— 900 G.O. N^o 243 B C. of 27th Aug

" ————— 270 G.O. N^o 644 A of 15th March 187

100

Yes

C.F. 73. (D. W. D.)

DEPARTMENT

Paper taken out of the Records from the charge of the Referencer.

Press _____
Miscellaneous No. _____, dated _____ 19____
Routine.

Date taken out.	FOR WHAT PURPOSE.			Initials of clerk taking the paper or of attender.	Date returned.	Initials of attender.
	Department.	C. No.	Year.			
9/1/59	1001215	21	1959			
			7-11-69			

N^o 267 B

Memorandum

The following information is submitted with reference to para 2 of L.O. N^o 595 of the 2nd March 1875

The survey establishments employed in the Irrigation Department are charged to the following heads of service

Capital

Loan Fund — Investigation of projects
Execution of — do —

Ordinary — Investigation of projects
Revenue — Preliminary investigation in connection with the maintenance of existing works of irrigation

All establishments chargeable to Capital are specially sanctioned by Government. Establishments sanctioned under Revenue are authorised from time to time on the conditions prescribed in Circular N^o 62 with reference to L.O. N^o 581 dated 5th March 1874, by the Chief Engineer for Irrigation.

All charges under Ordinary whether against Capital or Revenue have heretofore

L.O. N^o 839

2082

The Controller of P. & M. Accounts

To the Chief Engineer for Irrigation

Recd 4th May 1875

N^o 633

Encl. 1

Returning duly verified the inc.

inclosure of charges for survey establishments for the current year.

M. 2218/75

G.B. - 26 May/75
M.B. N^o 576

heretofore been met from the provision for temporary establishments in the general Public Works Budget, but in the Budget of the Irrigation Department for 1875-76, Rs. 15,000 have been set apart for such establishments chargeable to Agricultural funds.

2. Subjoined are the particulars of all survey establishments in force during the current year.

District	No. and date of sanction	Amount sanctioned	Particulars of work or project in which employed
<u>Capital</u>			
<u>Extraordinary</u>			
Kodavery	L.O. No. 1719 925 June 74	1,776	For the Sactum and Nistum deltas in connection with the completion estimates now being carried out.
Kistna	L.O. No. 976A 9/4 April 74	5,300	For preparing completion estimates of the Kistna Delta.
Kanyara	L.O. No. 1719 925 June 74	3,230	For the Boleroon survey.
do.	L.O. No. 3381 925 Dec 74	205	For fixing bench mark stones in connection with the Boleroon survey.
Total		10,511	

Ordinary			
Kanyara	L.O. No. 1753 930 June 74	0683	For surveying and levelling two tanks or lakes.
Bagdapatam	L.O. No. 1381B 922 May 74	1,080	For survey in connection with Kondakirha on Project.
do.	L.O. No. 1680 910 March 74	0950	do
do.	L.O. No. 1736 916 Feb 74	600	For the survey and levelling of the survey in connection with the alteration of arrangements for the supply of the Nellore Kistna channel from the Kopalakuricut.
Kodavery	L.O. No. 226 927 June 74	860	For the survey of the Kodavery river above the ancient beyond the limits of the annual charts.
do.	L.O. No. 1719 925 June 74	1,260	For the completion of the charts of the Kottam and Vapieta Kodavery.
Kistna	L.O. No. 2273 927 Aug 74	587	For surveying river margins.
Buddapala	L.O. No. 110 925 June 74	1,080	For the restoration of the Cheyenne embankments.
Chingapeta	L.O. No. 1753 930 June 74	1,476	For levels required for the repair of the fortifier and Nairamavaram river embankments.
do.	L.O. No. 973B 929 Sept 74	054	For the repair of do do.
do.	L.O. No. 190 923 June 74	270	For the repair of do do.
do.	L.O. No. 1753 930 June 74	1,100	For survey and levels in connection with the rebanking of the Ponnai.
do.	L.O. No. 1753 930 June 74	464	For the completion of the survey of the river margins.
Comihatare	L.O. No. 1111 929 April 74	288	For survey the Panvery south bank in baroor range.
Total		7,895	

Revenue Vellore	Ch. Engr. No. 5802/104 Aug 1/74	1000	For the cost of surveys in connection with the maintenance of certain irrigation works.
Kodavery	Ch. Engr. No. 922 Sept 1/74	220	For the survey of the channel for the benefit of Rampah.
Madura	Ch. Engr. No. 1026 Dec 1/74	100	For the survey and levels in connection with the Vyapoor channels and tanks.
do.	Ch. Engr. No. 907 Jan 1/75	100	For the settlement of a dispute regarding water distribution.
Lanjore	Ch. Engr. No. 32 Jan 1/75	2100	Survey of section of the Delta.
do.	Ch. Engr. No. 87 Jan 1/75	32	Survey of certain minor rivers.
do.	Ch. Engr. No. 257 March 1/75	900	For drainage works in Pettangudi and Vakkamanant.
N Arcot	Ch. Engr. No. 338 Jan 1/75	330	For preparing survey and levels of 13 rivers in Vagapattam range.
do.	Ch. Engr. No. 1018 Dec 1/74	270	For certain tanks & channels in connection with 312 tanks in the basin of the Cheerur.
Chingleput	Ch. Engr. No. 210 Feb 1/75	330	do do Chingleput tank.
do.	Ch. Engr. No. 205 Feb 1/75	420	For investigating the circumstances of the several tanks in the Chembra.
Quinnally	Ch. Engr. No. 231 Feb 1/75	90	For preparing a chart of the Chembra.
Total		5952	made safe and efficient.

3 - In one case that of the Kodavery Delta village drainage, an appropriation of Rupees 5000 was made by Govt. from the minor new works grant to meet the cost of the investigations and against this the following sanctions have been given by this office

Drainage Works	No. and date of sanction	Amount sanctioned	Particulars of work or project on which employed
Kodavery	Ch. Engr. No. 105 8/13 Feb 1/75	90	Peravelly subsection, Western Delta
do.	Ch. Engr. No. 105 8/13 Feb 1/75	30	Chettipett do do
do.	Ch. Engr. No. 105 8/13 Feb 1/75	450	Biccavole do Eastern Delta
do.	Ch. Engr. No. 105 8/13 Feb 1/75	384	Kallea do Central Delta
do.	Ch. Engr. No. 105 8/13 Feb 1/75	500	Kamachendrapur subsection
Total		1454	

4. Information is not yet available regarding the survey establishments of 1875/76.

F. H. G. }
O. March 1875 }

Wm. L. L. }
Chief Engineer for Irrigation

To The Secretary to Government
P. W. D

Loffly's Serv^t To D^r of Danvers^t Combated
 - Cant^t Wap^t - Kettle - cage of the
 sc respd - 12-6-75
 6cc of No¹ 1472 & for the infirm
 of the foot
 and below.

*Proceedings of the Madras Government, Public Works Department,
26th May 1875.*

District.	No. and Date of Sanction.	Amount sanctioned.	Particulars of Work or Project on which employed.
<i>Ordinary.— (Concl'd.)</i>		RS.	
Godavery ...	G. O., No. 247, dated 27th January 1875.	660	For the survey of the Godavery river above the anicut beyond the limits of the annual charts.
Do. ...	G. O., No. 419, dated 13th February 1875.	1,860	For the completion of the charts of the Gowtami and Vassista Godavery.
Kistna ...	G. O., No. 2,273, dated 17th August 1874.	187	For surveying river margins.
Cuddapah ...	G. O., No. 110, dated 14th January 1875.	180	For the restoration of the Cheyaur embankments.
Chingleput ...	G. O., No. 1,753, dated 30th June 1874.	176	For levels required for the repair of the Cortiliar and Narrainaveram river embankments.
Do. ...	G. O., No. 2,738, dated 29th September 1874.	270	For the repair of do. do.
South Arcot ...	G. O., No. 190, dated 23rd January 1875.	1,100	For surveys and levels in connection with the embanking of the Pooniar.
Tanjore ...	G. O., No. 1,753, dated 30th June 1874.	464	For the completion of the survey of the river margins.
Coimbatore ...	G. O., No. 1,111, dated 29th April 1874.	288	To survey the Cauvery south bank in Caroor Range.
Total ...		7,875	
<i>Revenue.</i>			
Nellore ...	Chief Engineer's No. 580-E, dated 10th August 1874.	1,000	For the cost of surveys in connection with the maintenance of certain irrigation works.
Godavery ...	Do. No. 739, dated 22nd September 1874.	220	For the survey of the channel for the Mansubdar of Rampah.
Madura ...	Do. No. 1,026-A, dated 9th December 1874.	100	For the surveys and levels in connection with the Vyapoory channels and tanks.
Do. ...	Do. No. 907, dated 22nd January 1875.	100	For the settlement of a dispute regarding water distribution.
Tanjore ...	Do. No. 32, dated 9th January 1875.	2,160	Cauvery section of the delta survey of certain minor rivers.
Do. ...	Do. No. 87, dated 22nd January 1875.	32	For drainage works in Vettangudi and Vukramanaur.
Do. ...	Do. No. 251, dated 1st March 1875.	900	For preparing surveys and levels of thirteen rivers in Negapatam range.
North Arcot ...	Do. No. 83-D, dated 20th January 1875.	330	For certain tanks and channels.
Do. ...	Do. No. 1,018, dated 7th December 1874.	270	In connection with 312 tanks in the basin of the Cheyaur.
Chingleput ..	Do. No. 210, dated 17th February 1875.	330	Do. do. Chingleput tank.
Do. ...	Do. No. 205, dated 16th February 1875.	420	For investigating the circumstances of the several tanks in the Chembrambaukum basin.
Tinnevelly ...	Do. No. 231, dated 24th February 1875.	90	For preparing a chart of the Tambrapoorney.
Total ...		5,952	

3. In one case, that of the Godavery delta village drainage, an appropriation of Rupees 5,000 was made by Government from the Minor New Works Grant to meet the cost of the investigations, and against this the following sanctions have been given by this office:—