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(2) Date of repair \_\_\_\_\_

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# MADRAS RECORD OFFICE

**Government of Madras**

*Public Works*

DEPARTMENT

|          |        |        |
|----------|--------|--------|
| G.O. No. | 1870   | Press  |
| B.P. No. |        | Mis.   |
| Dated    | 23. 7. | 18 73. |

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,  
23rd July 1873.*

Read the following papers:—

No. 337. From Major J. O. HASTED, R.E., District Engineer, Kistna District, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, Public Works Department, dated Bezwarah, 7th March 1873, No. 43.

I HAVE the honour to forward herewith estimate, amounting to Rupees 2,150, for completing the Eastern Delta Project.

2. The work is still in a very incomplete state, and there will remain at the end of the year two months' out-door work for two men. Surveyors are out now on the drainages which cross the Ellore Canal, and will do all the work that is required in your memorandum No. 117, dated 24th ultimo, in addition to the Delta Project work. The two subjects are so intimately connected that they had better, I think, be worked out together.

3. There is great difficulty in procuring Estimators, and hence it is necessary to give them high pay; the Draughtsmen on 15 Rupees can only copy plans under instructions. Allowance is made for the employment of these men for six months. It will take, I fear, nearly this time to complete the work, but every effort will be made to finish it earlier.

*Statement showing the details of Survey Establishment proposed to be employed on Eastern Delta Project during 1873-74, Kistna District.*

| Details of Establishment.                              | Period for required. | Total amount. | Particulars of survey on which engaged.                                              | Grounds on which it is expected that the project will be undertaken from Loan Funds. | Remarks.                                                                                                                               |
|--------------------------------------------------------|----------------------|---------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| 2 Surveyors, at 50 Rupees each per month.              | Two months.          | rs. 344       | Completion of irrigation and drainage schemes of the Eastern Delta, Kistna District. | Already recognized as chargeable to Loan Funds.                                      | There is still a good deal of surveying to be done for the drainage lines; this could not be done this year owing to the heavy floods. |
| 12 Lascars, at 6 Rupees per month...                   | Do.                  |               |                                                                                      |                                                                                      |                                                                                                                                        |
| 3 Estimators for 6 months, at 60 Rupees each ... 1,080 | Six months.          | 1,650         |                                                                                      |                                                                                      |                                                                                                                                        |
| 5 Draughtsmen, at 15 Rs. do. 450                       |                      |               |                                                                                      |                                                                                      |                                                                                                                                        |
| 2 Copyists, at 10 ,, do. 120                           |                      |               |                                                                                      |                                                                                      |                                                                                                                                        |
| Contingencies and Sundries ...                         | .....                | 1,994 156     |                                                                                      |                                                                                      |                                                                                                                                        |
| Total...                                               | .....                | 2,150         |                                                                                      |                                                                                      |                                                                                                                                        |

BEZWARAH,  
7th March 1873.

(Signed) J. O. HASTED, Major, R.E.,  
District Engineer, Kistna.

No. 338. From the same Officer, dated 19th April 1873, No. 11.

No. 339. Do. do. do. 10th May ,, ,, 20.

No. 390. ORDER THEREON, 23rd July 1873, No. 1,870.

ESTABLISHMENT, No. 43.

THE Survey Establishment required for the completion of the irrigation and drainage schemes of the Eastern Section of the Kistna Delta is sanctioned at an aggregate cost of Rupees 2,150 and will be met from Loan Funds.

*Proceedings of the Madras Government, Public Works Department,  
23rd July 1873.*

2. The sum required for the survey of the river margin in the Western  
Delta Range has already been granted\*  
\* G. O., No. 1,652, dated 25th June 1873. from "Agricultural, Ordinary."

(True Extract.)

Lieut.-Colonel, R.E.,  
*Joint Secretary to Government.*

To the District Engineer, Kistna.

.. Chief Engineer for Irrigation.

.. Officiating Controller of Public Works Accounts.

18 July 73

P. No 1878  
From: P. No 1878  
The District Engineer  
Kistna District  
No 3765.

To: The Chief Engineer  
for Irrigation

Dated 7 March 1873  
Received by  
Rep. of 2nd District  
Forwards an estimate

for the Special Survey  
est. required next  
year for completing  
the preparation of the  
E. Delta Project, amounting  
to Rs. 2,150, for sanction  
and allotment of  
funds.

Enclosed herewith are  
three copies of the estimate  
and a copy of the order.

A. 1870. 23 July 1873

No 387

10 July

Dep't to Cnty. 2 July 73

No 11.

District Engineer of  
Camp Masulipatam  
19 April 1873.

From:

The District Engineer  
Kistna

To:

The Chief Engineer  
for Irrigation  
Madras

Enclosure  
1 Statement

Sir,

Referring to your memo No 172  
dated 18th ultimo I have the honor to  
forward herewith a statement showing  
the details of expenditure incurred on  
account of Special Survey establishment  
employed in Kistna District during 1872/73  
chargeable to Local Funds as requested  
by you. The expenditure is Rs 3982-8-6  
against the grant Rs 4900 for that year.  
The heavy rains of October last having  
flooded the country that had to be

Refer enclosed statement of E. Delta  
Expenditure in Kistna District Range.

1 - Surveyor to 1 month and 6 days

at Rs. 50 per month - Rs. 250-0-0

1 - Rs. 200 for 2 months - Rs. 400-0-0

1 - Rs. 400 for 4 months - Rs. 1600-0-0

Rs. 400 for 4 months - Rs. 1600-0-0

Rs. 400 for 4 months - Rs. 1600-0-0

Rs. 400 for 4 months - Rs. 1600-0-0

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Rs. 400 for 4 months - Rs. 1600-0-0

Have the honor to  
Sir  
Your most obl<sup>g</sup>  
I have the honor to  
District Engineer

[illegible]

Forwarded with  
statement of the dis-  
pensations in my  
account of the said  
abolishment of  
the duties at the  
1832/3, and request  
additional funds  
allocated for the  
for the reason  
of the abolishment  
of the abolishment

Nov 18 1903  
No. 227  
To the District  
of Columbia  
for the  
City of Washington

Dated 19 Nov  
1903  
Wm. H. Smith  
Secretary

Statement showing the details of Extraordinary  
Surveys Establishment for the year 1872-73.

| Details of Expend   | Rate of Salary |         | Period employed in duty | Amount paid | Months | Remarks |
|---------------------|----------------|---------|-------------------------|-------------|--------|---------|
|                     | Per month      | Per day |                         |             |        |         |
| 1 Surveyor          | 75             | -       | 9 - 23                  | 730         | 10 4 1 |         |
| 2 Do. - cash        | 40             | -       | 20 - 28                 | 836         | 6 1 1  |         |
| 2 Do. - "           | 50             | -       | 11 - 22                 | 586         | 10 3 - |         |
| 1 Do.               | 60             | -       | 3 - -                   | 180         | - - 1  |         |
| 1 Do.               | 15             | -       | 8 - 9                   | 123         | 13 1 1 |         |
| 1 Do.               | 15             | -       | 8 - 9                   | 289         | 0 0 1  |         |
| 1 Dr. Aug. Kahanau. | 30             | -       | 9 - 19                  | 135         | 15 6 5 |         |
| 5 Do.               | 15             | 00      | 9 - 2                   |             |        |         |
|                     |                |         |                         | 780         | 1 10   |         |
| Laundry & food for  | -              | -       | -                       | 73          | 4 9    |         |
| Contingents -       |                |         |                         | 3735        | 13 10  |         |
|                     |                |         |                         | 61          |        |         |
| Total Expenditure   |                |         |                         | 3630        | 13 10  |         |

Part of furniture & salary of 1st petty clerk - see list of purchases.

To let improve the  
School. Reimburse total 

|      |    |    |
|------|----|----|
| 67   | 13 | 10 |
| 3630 | 13 | 10 |

  
x 2 Winters at 10 Rufus each per month.  
Massachusetts }  
14<sup>th</sup> April 1873 } J. W. Campbell

No 1870 p.p.d.  
 Pro. of the Madras Govt.  
 Read the following:-

From the Dy. Sg. Kistna (H.E. No. 4387 March/73)  
 do do do 11 19 April/73  
 do do do 20 10 May/73

The Survey Establishment required for the completion of the irrigation and drainage schemes of the Eastern section of the Kistnah Delta is sanctioned at an aggregate cost of Rs. 2,150 and will be met from Loan Fund.

The sum required for the survey of the river margin in the Kistnah Delta Range has already been granted from Agricultural, Ordinance -

40 No. 1652 of 25 June 1873.

35  
 4

Dr. Engr. Kistna  
 Ch. Engr. for Drainage  
 Controller P. W. Acotto

11/7/73  
 4M

Because no a,  
 letter No 11 of 19  
 April 1873 from the  
 Dy. Sg. Kistna  
 to the Chief Engineer  
 of irrigation.

11/5/73.

11/5/73

Chas. S. 3734

The District Com.  
Kittna

22 July 1876

387 @ 290

Re Survey, Schallin's tract

issued for the same  
for the Irrigation  
drainage & Schallin's

Eastern Section of the

Kittna Delta, San Joaquin

at a cost of Rs. 250

the rest from

Land Prizes

387 @ 290

15 Oct 290