(1) Number of pages 86

(2) Date of repair Dec 1987

(3) Initials of the Referencer

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Public Works DEPARTMENT

G.O. No. 1686 W
B.P. No.

Press.
Mis.

Dated 17-7-1885 198 .

ot to be folded or roughly handled

1/1666

17th July 1885, No. 1666 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

Read—the following papers :—

From Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Chief Engineer for Irrigation, dated Wellington, 16th June 1885, No. 62 E.I.

With reference to your memorandum, No. IV/5 C.I., of 28th ultimo, I have the honor to forward, herewith, two statements, furnished by the Executive Engineer, "B" Project division, of the funds required for investigating projects in that division during 1885-86.

2. No orders have been passed as to whether the "B" Project division is to be abolished on the completion of the Calingaroyen extension project estimates, or is to be carried on afterwards to complete the investigation of the Krishnagiri and Bhaváni projects.

3. Statement No. I, therefore, provides for going on with the Krishnagiri surveys after the Calingaroyen surveys are finished. This statement shows a probable outlay of Rs. 10,534.

4. Statement No. II, showing a probable outlay of only Rs. 3,240, assumes that the division will be abolished when the Calingaroyen estimates are completed.

5. As the Krishnagiri and Bhaváni projects are very promising ones, and a large amount of survey and levelling has been already done upon them, it is very desirable that, if possible, funds should be found for completing the surveys and estimates.

6. The amount applied for does not include office establishment, as this is provided for under "Permanent" in the Provincial budget.

7. I forward the Executive Engineer's covering letters, as they give some explanation of the circumstances under which the statements were framed.

No. 65 E.W.

Transferred to the Chief Engineer, Public Works Department, with a recommendation that the "B" Project division should be continued throughout the year.

2. The estimate submitted by the Superintending Engineer supposes that the services of a temporary Assistant Engineer are required, the projects being prepared in a sub-division of the Coimbatore division. If, however, the services of a permanent Assistant or Executive Engineer are available, the estimate will be reduced by the pay of the Assistant Engineer.

3. It seems very desirable that the projects, which are so far advanced, should be worked out completely, and it is hoped that there may be no difficulty in providing the funds required for expenditure in this year. If the Project division is abolished, a great deal of the expenditure already incurred in investigation at Krishnagiri and Bhaváni will necessarily be a dead loss.

Ootacamund,
24th June 1885.

(Signed) J. O. HASTED, Colonel, R.E.,
Chief Engineer for Irrigation.

To the Chief Engineer, Public Works Department.

No. 66 E.W.

Note by the Chief Engineer for Irrigation.

No provision having been made in the current year's budget estimate of expenditure on irrigation works for funds required for the "B," "C," and the Lower Coleroon Irrigation Project divisions, the Superintending Engineers concerned were requested to report the amounts required to be provided for the purpose. The following statement, prepared from the replies received from the Superintending Engineers, III and VI Circles, shows the amounts required for expenditure in the "C" and the Lower Coleroon Irrigation Project divisions:—

——	Works.	Establishment.	Tools and Plant.	Total.
"C" Project Division.	RS.	RS.	RS.	RS.
Tungabhadra project	500	6,333	80	6,913
Hagari-Mylapore reservoir project	1,750	3,800	50	5,600
Hagari-Rayadrug project	1,750	3,800	50	5,600
Pootlacoonta project	600	1,267	20	1,887
Total ...	4,600	15,200	200	20,000
Lower Coleroon Irrigation Project Division.				
Lower Coleroon irrigation project	5,000	18,000	2,000	25,000
Grand Total ...	9,600	33,200	2,200	45,000

2. The amounts entered under Works are required for clearing jungle, fixing bench marks, and other preliminary expenses.

3. The particulars of the amounts entered under Establishment are as shown below:—

——	"C" Project Division.		Lower Coleroon Irrigation Project Division.	
	Number.	Amount.	Number.	Amount.
		RS.		RS.
Executive Engineer	1	700	1	700
Overseers	...	...	4	320
Surveyors	2	200	...	...
Draftsmen	2	103	2	80
Clerks	1	18	2	50
Messengers	2	12	2	14
Lascars	3	18	30	180
Total per mensem ...	...	1,051	...	1,344
Total per annum ...	...	12,612	...	13,440
Travelling allowance and contingencies ...	...	2,588	...	4,560
Total ...	...	15,200	...	18,000

The "C" Project division establishment will continue throughout the year, while the Lower Coleroon Irrigation Project division establishment will continue only for ten months.

4. For the "C" Project division Rs. 3,246 for office establishment and Rs. 600 for contingencies are provided at pages 39 and 42 of the current year's budget estimate of expenditure from Provincial funds in the Roads and Buildings branch. It is therefore requested that Rs. 11,354 for the "C" Project division and Rs. 18,000

---

for the Lower Coleroon Irrigation Project division may be appropriated from the provision for temporary establishment in the Provincial budget, Roads and Buildings, and the amounts required for both the divisions under Works and Tools and Plant may be appropriated from the balance of the reserve at the disposal of Government under Provincial, Roads and Buildings, the total estimate of expenditure in the two divisions, viz., Rs. 45,000, being transferred from Roads and Buildings to Irrigation and Navigation.

Ootacamund, (Signed) J. O. HASTED, Colonel, R.E.,
27th June 1885. Chief Engineer for Irrigation.

To the Chief Engineer, Public Works Department.

Order—dated 17th July 1885, No. 1666 W., Public Works.

The Government approve the continued employment of the establishment for the "B" Project division to the end of the current official year, as recommended by the Chief Engineer for Irrigation.

2. In the papers recorded above, the Chief Engineer for Irrigation recommends the transfer of the following funds from Provincial, Buildings and Roads, to Provincial, Irrigation and Navigation, to meet expenditure in the "B," "C," and Lower Coleroon irrigation projects:—

	RS.
"B" Project division—	
Works and tools and plant	1,534
Establishment	9,000
	10,534
"C" Project division—	
Works and tools and plant	4,800
Establishment	15,200
	20,000
Lower Coleroon Irrigation Project division—	
Works and tools and plant	7,000
Establishment	18,000
	25,000
Grand Total for three divisions—	
Works and tools and plant	13,334
Establishment	42,200
Total ...	55,534

3. To provide for the cost of establishment, a sum of Rs. 42,200 is transferred from the grant for establishment under Provincial, Roads and Buildings, which is set free by the grant under Provincial, Irrigation and Navigation, being treated as a contribution.

4. The balance available from the Public Works reserve being small, the question of allotting, if possible, a special grant of Rs. 13,334 under Provincial, Irrigation and Navigation, to provide for the cost of works and tools and plant in the Project divisions during 1885-86, will be considered in the Financial Department. The Government, in the Public Works Department, agree with the Chief Engineer for Irrigation that it is most desirable that the projects, which are so far advanced, should be worked out completely.

5. The Superintending Engineer, IV Circle, will submit, for sanction of Government, a proposition statement in prescribed form for the temporary surveyors and gaugers required in the "B" Project division.

(True Extract.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To the Superintending Engineer, III Circle.
" " " IV "
" " " VI "
" Chief Engineer for Irrigation.
" Examiner, Public Works Accounts.
" Financial Department.
"

Fnd. E. Fernandez.
Spare Copies

GENERAL.
ESTABLISHMENT.

Govt. of {1885} Madras.

PUBLIC WORKS.

Dated July, 17th.

Recd. *Encl.*

G.O., 17th July 1885, No. 1666 W.

JULY.

Establishment

Approving of the continued employment of the — for the "B" Project division to the end of 1885-86, and passing orders in regard to funds for the "B," "C," and Lower Coleroon irrigation projects.

4
1666

4th April 1884, No. 924 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

Read—the following papers:—

G.O., dated 10th December 1883, No. 1014 I., Public Works.
G.O., dated 14th March 1884, No. 691 W., Public Works.

From Lieutenant-Colonel H. M. VIBART, R.E., Officiating Superintending Engineer, III Circle, to the Chief Engineer for Irrigation, dated Bellary, 19th February 1884, No. 3122:—

With reference to your memorandum, No. 2-III., dated 15th February 1884, I have the honor to report that the investigation of the Sugglair project* will be completed by the 25th instant, and that the survey, &c., of Pedda Puspulla† irrigation channel is expected to be completed by 15th March next. The cost of establishment, including the Executive Engineer, his two surveyors and office establishment, will be about Rs. 700 for half-a-month.

* No. 16 in the list III printed with G.O., No. 465 of 13th June 1882.

† No. 19 in do. do. do.

2. I beg to recommend that, as soon as the Pedda Puspulla irrigation channel survey is completed, the surveyors now attached to the C. Project division should be employed in carrying out the levels in connection with the Bellary water-supply project.

3. This project is clearly a very important one, and if carried out this cantonment would be fully supplied with water throughout the year, whereas now during the months of April and May the reserved supply runs very short, and that from the large well is reduced to the lowest limit.

From Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Chief Engineer for Irrigation, dated Coimbatore, 21st February 1884, No. 21 E.I.

I have the honor to forward, herewith, copy of a letter from the Executive Engineer, B. Project division, giving the information asked for in your memorandum, No. 3-IV, of 15th instant.

2. I have received the preliminary report on the Krishnagiri project, which I shall forward for your information in a few days.

3. It will be seen that the Krishnagiri, Bhaváni, Calingaroyen (instead of Pugalúr) extension and the Gudamalai projects will remain incomplete at the end of this month, and that the cost of establishment, exclusive of Captain Romilly's pay and allowances, for next year will be Rs. 15,600.

Enclosure.

From Captain F. J. ROMILLY, R.E., Executive Engineer, B. Project Division, to the Superintending Engineer, IV Circle, dated Coimbatore, 19th February 1884, No. 27 S.

I have the honor to reply to your endorsement, No. 17 B.P., dated 18th instant, on letter, No. 3-IV., dated 15th idem, from the Chief Engineer for Irrigation. The present is the state of the project investigation in my division.

Marandahully and Vannar Projects.—Reports complete and submitted.

Krishnagiri.—Reservoir basin contoured and 10 miles of trial channel lines run.

Preliminary report submitted with estimate for completely exposing the rock over the dam site proposed. If the report is considered favorable there will be at least six months' work for the survey parties in contouring the area to be irrigated, some 50,000 acres, and laying out the proper line for the distributaries.

Bhavâni Reservoir Scheme.—The contouring of the reservoir basin is complete, and I shall very shortly have data on which to draw up a preliminary report upon the scheme. An examination of the contoured plan shows that a third site promises to be a favorable one as compared with the two already proposed, and if figures support this idea, an examination of this site will be necessary.

If the preliminary report places the scheme in a favorable light and the complete working out of the project is decided on, the surveys of the area to be irrigated and the tracing of the distributaries will occupy the present establishment quite twelve months.

Pugalûr and Calingarayan Channels.—The former project, it is presumed, need not be investigated further. For the Calingarayan, nearly all the levels are taken in connection with the existing channel. About three months' work would suffice to complete investigations in connection with the present channel. If the extension is decided on, about six months more would suffice to complete the necessary levels and sections.

The Gudamalai project has not been touched.

If the present establishment is sanctioned for the next official year, I am of opinion that one of the three incomplete projects could be completed and sent in; one very nearly so, and both the remainder so far advanced that the additional time necessary to complete them could be definitely fixed for the succeeding official year.

The establishment and cost required will therefore be for 1884-85:—

Permanent Establishment.

	RS.
1 Writer ...	32
1 Do. ...	15
1 Messenger ...	7
2 Lascars at Rs. 6 each ...	12
1 Draughtsman ...	60
1 Do. ...	40
1 Do. ...	35
Contingencies ...	49
Total ...	250

Temporary Establishment.

1 Assistant Engineer ...	300
Travelling allowance for Assistant Engineer ...	100
1 Overseer ...	60
1 Surveyor ...	250
2 Surveyors at Rs. 100 each ...	200
20 Lascars ...	120
Contingencies ...	20
Total ...	1,050
Total for one month ...	1,300
Total for twelve months ...	15,600

No. 68 I.

Note by the Acting Chief Engineer for Irrigation.

B. Project Division.—The Marandahully and Vaniár projects have lately been submitted by this division, also a preliminary report of the Krishnagiri.

The other projects now on hand are—

The Bhavâni Reservoir.
The Calingarayan Channel.

The first of these is a large undertaking. It is a project for the formation of a very extensive reservoir on the Bhavâni, near Satyamangalam, which will act as a flood regulator or rather moderator to the Cauvery, and also irrigate a considerable tract of country. Its thorough investigation will take a long time; probably, if no other work was done, it would employ the existing establishment to the end of the year.

The second is a scheme for extending the Calingarayan channel which is to take the place of the Pugalûr channel improvement. The Calingarayan channel commands the land irrigated by the Pugalúr channel and is capable of being extended across the Nóyel river to irrigate fresh land. It will probably take some months to complete and submit.

5/1666

If the preliminary report on the Krishnagiri reservoir shows that there is sufficiency of water, and a probability of the work doing more than pay interest on the capital outlay, there will be some months' more work to be done.

2. *C Project Division.*—This division was intended to work in the Ceded Districts where more is required in famine preventive work than in other districts. The Hindupur and Roddem projects have been worked out and remain in this office; they do not promise well, and it is hoped some of the other small projects may be better worth carrying out.

The two projects now under investigation are—

The Sugglair Project.
The Pedda Puspulle Channel.

These will, it is anticipated, be completed shortly. It is then proposed to investigate the Bellary water-supply project, towards which it is understood that a good deal of work has been already done. This will certainly occupy the division for a considerable time, and if it should be completed before the end of the year, there are still many projects on the list which was forwarded to the Government of India which it is very desirable should be fully worked out, and which if they do not give promise of being remunerative may be retained as famine relief works.

3. It will thus be seen that there is ample work for both Project divisions for the ensuing year, and there are other works, which it was intended the divisions lately abolished should take up, which it is very desirable should be investigated. Foremost among these is the Lower Coleroon irrigation in which is included the embanking of the Coleroon from the lower anicut to the sea. So much trouble has arisen from the embankments on either side of the river being worked out in separate divisions, that work in the lower portion of the river has been suspended until an establishment is available to work out the scheme.

4. The cost of the B. Project division, including Executive Engineer's pay and travelling allowance, amounts to Rs. 24,000 per annum. The C. Project division is not at present so strong, but will be brought up to the same strength and the cost of both the divisions will therefore be Rs. 48,000.

Chepák,
25th March 1884.

(Signed) J. O. HASTED, Colonel, R.E.,
Acting Chief Engineer for Irrigation.

To the Acting Joint Secretary to Government,
Public Works Department, Irrigation Branch.

Order—dated 4th April 1884, No. 924 W., Public Works.

The Government approve of the employment of the Project divisions as suggested by the Chief Engineer for Irrigation, and the cost of these divisions during the official year 1884-85 will accordingly be met from Provincial funds.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

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

Exd. E. Fernandes.
Spare Copies.

GENERAL.
ESTABLISHMENT.

Govt. of (1884) Madras.

PUBLIC WORKS.

Dated April, 4th.

Read. *Encl.*

G.O., 4th April 1884, No. 924 W.

APRIL.

Project Divisions

Approving of the employment of the — during 1884-85 as suggested by the Chief Engineer for Irrigation, the cost of the divisions being met from Provincial funds.

6/1266

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General
Establishment.

No. 151.

Read—the following papers:—

From R. G. MACDONALD, Esq., Acting Examiner, Public Works Accounts, to the Secretary to Government, Public Works Department, dated Madras, 8th March 1883, No. 192 W.

I have the honor to inform you that I have received from the Accountant-General, Public Works Department, a copy of Government of India letter No. 51 G., of 9th January 1883, to the address of the Secretary to Government, Public Works Department, Madras, regarding the entertainment of Surveyors against the Upper Subordinate establishment of this Presidency, and with reference to the orders contained therein to state that the pay and allowances of these men can now be passed by me only under temporary establishment, a provision to meet which should be made as soon as possible. I forward also copy of my letter, No. 195 A., dated 10th February 1883, to the Accountant-General, Public Works Department, and of his reply, No. 145 E., dated 20th February 1883.

ENCLOSURES.

Copy of letter from the Examiner, Public Works Accounts, to the Accountant-General, Public Works Department, dated Madras, 10th February 1883, No. 195 A.

With reference to your endorsement, No. 51 E., dated the 17th ultimo, communicating copy of letter from the Government of India to the Madras Government on the subject of the introduction of the nomenclature "Surveyors" on the permanent establishment of Public Works Department in Madras, I have the honor to state that the appointment of sixteen Surveyors* for the four Project Divisions chargeable to the grant for Protective Public Works proposed by the local Government (vide statement of establishment which accompanied the letter of this Government to the Government of India, No. 1687 W., dated 9th July 1881) was approved by the Government of India, Public Works Department, in letter, No. 1250 G., dated 23rd September 1881.

	[illegible]
* 4 Surveyors on	200
4 do. on	155
4 do. on	105
4 do. on	40

2. The appointment of some Surveyors made by this Government have consequently been accepted by this office with reference to the orders above quoted, as also their salaries which are being claimed under permanent establishment in the monthly salary bills of the Project Divisions concerned.

Copy of letter from the Accountant-General, Public Works Department, to the Examiner, Public Works Accounts, dated 20th February 1883, No. 145 E.

In reply to your letter, No. 195 A., dated 10th February 1883, I have the honor to state that the Government of India in letter, No. 1250 G., dated 23rd September 1881, sanctioned an establishment of 185 Upper Subordinates only, and made no mention of Surveyors.

2. In my opinion the appointment of any Surveyors to the permanent establishment is unauthorized, and the orders of the Government of India conveyed under my endorsement, No. 51 E., dated 17th January 1883, should be acted upon.

No. 151 A.

Office Note from the Acting Examiner of Public Works Accounts, dated 17th March 1883, No. 1034.

About Rs. 5,000. The charge can be met from the sum of Rs. 25,440 provided for on account of Surveyors under permanent establishment (*vide* page 19, Provincial Budget Estimate for 1882-83), a transfer from which may be made to the extent required to augment the grant for temporary establishment.

No. 152.

Order—dated 29th March 1883, No. 904 W., Public Works.

Pending the final decision of the Government of India, the pay of the Surveyors will be audited against the grant for Temporary Establishment, which will be increased by Rs. 5,000 by transfer from the grant for Surveyors under Permanent Establishment.

2. Intimation of the arrangement will be given to the Surveyors concerned.

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

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

Mad. G. Howarth
[illegible]

GENERAL.
ESTABLISHMENT.

Govt. of 1883 Madras.

PUBLIC WORKS.

Dated March, 20th

Read. *Recd.*

G.O., 20th March 1883, No. 864 W.

MARCH.

Nos. 151-152.

Surveyors

Regarding the audit of the pay of — till a final decision on the subject is come to b the Government of India.

8/1666

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

No. 106.

Read—the following letter from D. C. GORDON, Esq., Examiner of Public Works Accounts, to the Secretary to Government, Public Works Department, dated Madras, 11th December 1882, No. 146 W.:—

With reference to Chief Engineer's (Public Works Department) memorandum, No. 1989 C., dated the 6th ultimo, appointing certain individuals as Surveyors on the permanent establishment and to paragraph 57 of the Public Works Department Code, I have the honor to request that the formal sanction of the Government of India to the introduction of the nomenclature of "Surveyors" on the Public Works Department permanent establishment of this Presidency and to the scales of salary fixed may be obtained and communicated to this office. On the receipt of this sanction a draft standing order on the subject will be submitted for approval.

No. 107.

Order—dated 15th December 1882, No. 3319 W., Public Works.

Ordered that the Government of India be addressed.

(Here enter No. 3320 W., dated 15th December 1882.)

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Examiner, Public Works Accounts.

Exd. S. T. Austin.
Spare Copies

GENERAL.
ESTABLISHMENT.

Govt. of (1882) Madras.

PUBLIC WORKS.

Dated December, 18

Recd. *Encl.*

G.O., 15th Dec. 1882, No. 3319 W.

DECEMBER.
Nos. 106-107.

"Surveyors."

Introduction of the nomenclature — on the permanent establishment of the Public Works Department.

9/1666

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

Read—the following letter from G. H. W. WALKER, Esq., Officiating Under Secretary to the Government of India Public Works Department (General), to the Secretary to the Government of Madras, Public Works Department, dated Fort William, 9th January 1883, No. 61 G.:—

In reply to your letter, No. 3320 W., of 15th December, asking for formal sanction to the introduction of the nomenclature "Surveyors" on the permanent establishment of the Public Works Department in Madras in certain grades and rates of pay, and stating that a scale of 16 Surveyors was included in the establishment forwarded by you for sanction with your letter, No. 1697 W., dated 9th July 1881, I am directed to point out that the practical result of your proposal being accepted would be to increase the number of the Upper Subordinate class, which was limited to 185 in the sanction communicated in Public Works Department letter, No. 1250 G., of 23rd September 1881. This the Government of India is by no means prepared to sanction; any Surveyors needed should, after budget provision has been made for them, be appointed temporarily under the provisions of paragraph 88, Chapter I, of the Public Works Code, and the appointments of the eight men reported to have been already made should, if they were made to the permanent establishment, be at once cancelled.

Order—dated 18th April 1883, No. 1153 W., Public Works.

Ordered to be recorded.

(True Extract.)

(Signed) P. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Chief Engineer for Irrigation.
" Examiner, Public Works Accounts.
" Superintending Engineer, in continuation of G.O., No. 904 W., dated 20th March 1883 for the information of the Surveyors concerned.

Exd. A. F. Goodall.
Spare Copies.

GENERAL
ESTABLISHMENT.

Govt. of (1883) Madras

PUBLIC WORKS.

Dated April 1883.

Read.

G.O., 18th April 1883, No. 1153 V

APRIL.

"Surveyors"

Refusal of the Government of India to sa
tion the introduction of the nomenclature —
the permanent establishment of the Pu
Works Department, recorded.

1885 10/1666

P. W. DEPARTMENT.

Current No. 9834

The Secry, P.W.D

Enclos.—

644.

13-11-85

ed —do—

Subject.

Pointing out, with ref. to para 2 of G.O. No. 2455 W dated 20-10-85 that there is no sanction in G.O. No. 1666 W dated 17-7-85, to the pay of the gaugers being admitted as a charge against establishment but as a matter of fact the pay of the gaugers has been debited to work establishment from the formation of the B Project Divn.

Disposal.

[illegible]

Forwarded to the Supg Engineer IV Circle for remarks with reference to the Classification of

---

Project Divisional Office,
imbatore 2nd June 1885.

22/1666

NEER,
ROJECT DIVISION.

GINEER,
IVth CIRCLE.

nce to your endorsement
June 1885 on Memo No. IV/5 C.2
85 from the Chief Engineer
ave the honour to observe
the impression that it was
rrigation Chief Engineer's
that as soon as the
he Kalingarayen Channel
B. Project Division was
owever as no written infor-
bject had been received
able to assume that this
kept on throughout the
lone submitted an estimate
for

establishment
the salary of the
engers, as shown
in the statement
submitted with the
No. 622 I dated
June/85 printed
G.O. No. 1664 [illegible]
dated 17th July/85
[illegible]

G.O. No. 7655 W dated 20-10-84
" 1666 W dated 17-7-85
" No. 2250 D. " 5-10-85
G.O. No. 1153 W dated 10-4-83
" 964 W dated 20-3-83
" 926 W dated 24-4-82
" 3319 W dated 15-12-82

1885 $\frac{11}{1666}$

P. W. DEPARTMENT.

Current No. 8507

From The Chief Engineer for Irrigation.

Enclos.—

No. 29 Ed.

Dated

Received 29th September 1885.

Subject.

Proportion Statement for Temporary Surveyors required as called for in para 5 of G.O. No. 1664 W. of 17th July 1885 — Forwarding —

Disposal.

2252 D. 9th October 1885

No. Dated

To C.

For remarks and check as regards present scale.

(Sd) A. J. F.
D. W.

Project Divisional Office,
oimbatore 2nd June 1885.

$\frac{29}{1666}$

INEER,
PROJECT DIVISION.

NGINEER,
IVth CIRCLE.

nce to your endorsement
June 1885 on memo No. $\frac{IV}{5C.9}$
85 from the Chief Engineer
ave the honour to observe
the impression that it was
Irrigation Chief Engineer's
in that as soon as the
he Kalingarayen Channel
B. Project Division was
owever as no written infor-
bject had been received
cable to assume that this
kept on throughout the
fore submitted an estimate
for

C. A. W.

12/1666

I do not remember
the reference to which
E I alludes as
attached [illegible]
Has it been received?

W

11·7

To W.

The reference has not yet reached the Ooty Office –

E. I.'s clerk here states that the papers were sent to their Madras Office for despatch on 24 June –

The reference must therefore have been sent to our Madras Office, from where it does not appear to have been forwarded on to Ootacamund.

G.

11.7.85

Project Divisional Office,

oimbatore 2nd June 1885.

72/1666

INEER,

PROJECT DIVISION.

NGINEER,

IVth CIRCLE.

nce to your endorsement
June 1885 on Memo No. $\frac{IV}{5C.9}$
885 from the Chief Engineer
ave the honour to observe
the impression that it was
Irrigation Chief Engineer's
in that as soon as the
the Kalingarayan Channel
e B. Project Division was
owever as no written infor-
bject had been received
able to assume that this
e Kept on throughout the
fore submitted an estimate
for

17/1666

Burnfoot 13/1666
19/7/85

My dear Shaw Stewart -

The matter of [illegible] of Project Division was referred to you, and I have not yet heard whether you can provide funds. Please let me know & I will reply to Beatty's note about [illegible]. I think it will be advisable to go on with the Bhavani project.

Yours Sincerely
[illegible]

& disposal [illegible] —

Please see my note & the draft order accompanying.

W
7/7

Project Divisional Office,
oimbatore 2nd June 1885.
22/1666

INEER,
PROJECT DIVISION.

NGINEER,
IVth CIRCLE.

nce to your endorsement
June 1885 on Memo No. $\frac{IV}{5.C.9}$
885 from the Chief Engineer
have the honour to observe
the impression that it was
Irrigation Chief Engineer's
in that as soon as the
the Kalingaroyen Channel
e B. Project Division was
owever as no written infor-
bject had been received
able to assume that this
e kept on throughout the
fore submitted an estimate
for

17/1666

15/1660

Camp Bavur
8th July, 1885.

Dear Hasted

Boddy was to arrive at Coimbatore today and if you have not already sent orders about the Project Division please let us have them at your earliest convenience. We want to know definitely whether the Project Division is to be abolished on the completion of the

& disposal ma[illegible]

Please see my note & the draft order accompanying.

W
9/7

. Project Divisional Office,
Coimbatore 2nd June 1885.

22/1666

INEER,

PROJECT DIVISION.

NGINEER,

IVTH CIRCLE.

ence to your endorsement
June 1885 on Memo No. IV/5.C.9
885 from the Chief Engineer
have the honour to observe
the impression that it was
Irrigation Chief Engineer's
in that as soon as the
the Kalingaroyen Channel
e B. Project Division was
owever as no written infor-
bject had been received
able to assume that this
kept on throughout the
fore submitted an estimate
for

17/1666

surveys and estimates of the Kalingarayen extension, & or if we are to go on afterwards with the surveys and estimates of the Krishnagiri and Bavani projects; and (2) shall we take up the Krishnagiri first, or the Bavani. The two projects are about equally important; except that the Bavani would affect two districts (Coimbatore and Tanjore) and would certainly be the more remunerative of the two.

16/1666

Yours sincerely

J. Beatty.

---

disposal ma

Please see my note & the draft order accompanying.

W 7/7

. Project Divisional Office,

Coimbatore 2nd June 1885.

22/1666

GINEER,

PROJECT DIVISION.

NGINEER,

IVth CIRCLE.

nce to your endorsement

June 1885 on Memo No. $\frac{\text{IV}}{5\text{ C.} 9}$

385 from the Chief Engineer

have the honour to observe

the impression that it was

Irrigation Chief Engineer's

in that as soon as the

the Kalingarayen Channel

he B. Project Division was

owever as no written infor-

bject had been received

sable to assume that this

e kept on throughout the

fore submitted an estimate

for

17/1666

Draft an order transferring
[illegible] budget grant for
[illegible] the amount, Rs 10534,
of an estimate — to [illegible]
[illegible] —— Cut the
[illegible] of the local budget charges,
[illegible] [illegible]
[illegible] budget.
[illegible] [illegible] CW

[illegible]
27.7.85

Sir.

As a second application for a further transfer of Rs 45.00 for the C & Lower Coleroon Irrigation projects has since been received from E I the whole question has been taken up together & disposal made.

Please see my note & the draft order accompanying.

W
7/7

. Project Divisional Office,
oimbatore 2nd June 1885.

22/1666

INEER,
PROJECT DIVISION.

NGINEER,
IVth CIRCLE.

nce to your endorsement
June 1885 on Memo No. $\frac{\text{IV}}{5.\text{C.D}}$
885 from the Chief Engineer
have the honour to observe
the impression that it was
Irrigation Chief Engineer's
in that as soon as the
the Kaliŋgaroyen Channel
e B. Project Division was
owever as no written infor-
bject had been received
able to assume that this
e kept on throughout the
fore submitted an estimate
for

Dev.

Are permitted

B reports no funds available for carrying on the B Project during the year.

I point out ~~[illegible]~~ ~~[illegible]~~ is calculated the money already spent will be a dead loss.

Note by E put up.

F.B.

Note $\frac{18}{1666}$ C. No. 5728

Para. 2.

Mr. A. L. Pogson, tempy. Asst. Engr. has up to date been working in the B. Project Divn. His services are however to be transferred to the Harbour Works.

B Project Divn. is entitled to the foll: permanent establishment:—

1 Exec. Engr.
1 Asst. "
4 Upper Subordinates.

M.
2/7

. Project Divisional Office,
oimbatore 2nd June 1885.

$\frac{22}{1666}$

CINEER,

PROJECT DIVISION.

NGINEER,
IVth CIRCLE.

nce to your endorsement
June 1885 on Memo No. $\frac{IV}{S.C.9}$
885 from the Chief Engineer
have the honour to observe
the impression that it was
Irrigation Chief Engineer's
on that as soon as the
the Kalingarayen Channel
he B. Project Division was
owever as no written infor-
bject had been received
sable to assume that this
e kept on throughout the
fore submitted an estimate
for

C No 5728

19/1666

Note

The Chief Engineer for Irrigation refers to the Question of funds in para 3 of his note - but no funds are available for transfer from Provincial Buildings & Roads -

Para 2 requires notice -

IV/4/7

E

Put up a note with reference to para 2. of I's note

JB.

Note put up

B. Project Divisional Office,
Coimbatore 2nd June 1885.

22/1666

GINEER,

PROJECT DIVISION.

ENGINEER,

IVth CIRCLE.

ence to your endorsement
June 1885 on Memo No. IV/5 C.9
885 from the Chief Engineer
have the honour to observe
the impression that it was
Irrigation Chief Engineer's
on that as soon as the
the Kalingarayen Channel
he B. Project Division was
however as no written infor-
bject had been received
cable to assume that this
e kept on throughout the
fore submitted an estimate
for

Ur. 20/1666

For perusal.

Sur 01/177

B. Project Divisional Office,
Coimbatore 2nd June 1885.

22/1666

NGINEER,
B. PROJECT DIVISION.

ENGINEER,
IVTH CIRCLE.

rence to your endorsement
th June 1885 on Memo No. IV/5 C.?
1885 from the Chief Engineer
I have the honour to observe
er the impression that it was
e Irrigation Chief Engineer's
tion that as soon as the
of the Kalingarayen Channel
the B. Project Division was
however as no written infor-
subject had been received
isable to assume that this
be kept on throughout the
refore submitted an estimate
for

(20)

21/1866

W.

The accompanying G.O. has been drafted to meet the wishes of E.I. as regards the Project Division.

The money for the Establishments is available in our Budget, & the transfer proposed is merely a fund transaction, but as regards the charge for works and Tools & Plant a grant must be made by the Financial Dept., as we have no funds.

It is needless to say that the works should be carried on, to avoid loss of what has been done up to date.

Cd

9.7.85

B. Project Divisional Office,
Coimbatore 2nd June 1885.

22/1666

NGINEER,
B. PROJECT DIVISION.

G ENGINEER,
IVth CIRCLE.

erence to your endorsement
1st June 1885 on Memo No. $\frac{IV}{S.C.}$
, 1885 from the Chief Engineer
I have the honour to observe
der the impression that it was
he Irrigation Chief Engineer's
tion that as soon as the
of the Kalingarayen Channel
, the B. Project Division was
, however as no written infor-
subject had been received
isable to assume that this
'd be kept on throughout the
erefore submitted an estimate
for

No. 68/S

B. Project Divisional Office,
Coimbatore 2nd June 1885.

72/1666

FROM,

THE EXECUTIVE ENGINEER,
B. PROJECT DIVISION.

TO,

THE SUPERINTENDING ENGINEER,
IVTH CIRCLE.

SIR,

Enclosure
1 Statement.

With reference to your endorsement No. 27/131 dated 1st June 1885 on Memo No. IV/5C.9 dated 23rd May 1885 from the Chief Engineer for Irrigation, I have the honour to observe that I was under the impression that it was settled during the Irrigation Chief Engineer's visit to this station that as soon as the investigation of the Kalingaroyen Channel was completed, the B. Project Division was to be abolished, however as no written information on the subject had been received I thought it advisable to assume that this Division would be kept on throughout the year, and I therefore submitted an estimate for

for the cost up to 31st March 1886 with my No. $\frac{81}{8}$ dated 14th April 1886. This estimate you returned and ordered me only to provide for the cost of investigating the Kalingarayen Channel and I therefore submitted an estimate for that amount.

2. As it would appear from the Irrigation Chief Engineer's Memo under reference that the Project Division is not to be abolished my first estimate will hold good and I therefore resubmit it, slightly altered in form, for sanction.

3. After the completion of the Kalingarayen Channel it is proposed to take up the Krishnagiri Reservoir Project and the amount required for each will be as follows.

Name of Project	Works	Estimate	Tools & Plant	Total
Kalingarayen	354	2320		2674
Krishnagiri	1080	6560	100	7640
Bavani		120		120
			Total	10434

4. The cost of office establishment was not included, as it is provided in the Budget for the year.

28/1666

5. The Rs200 for Gauging Establishment should be distributed as follows.

Krishnagiri Project —— Rs80
Bavani —— Rs120

The departmental head to which this should be debited is "Provincial Irrigation and Navigation, works for which Capital and Revenue accounts are kept" Capital is I Works"

I have the honour to be,
Sir,
your most obedt servant

G. W. Campbell Captain R. E.
Executive Engineer

E. PROJECT DIVISIONAL OFFICE.

90 B.P.

From,

THE EXECUTIVE ENGINEER,

E. PROJECT DIVISION.

CHIEF ENGINEER
20 JUN
1885
FOR IRRIGATION

R12e/8

To,

The Superintending Engin

II^d Circl

Dated 2nd June }
Despatched 4th } 1885
Received }

No. 68/8

Enclosures. 1

—Revised statement—

Submitting —— for funds required for investigating Projects during 1885–86 as called for in Chief Engine No. II/5C.3 of 23rd May 1885

84/1686

Statement showing the amount required for Investigating projects in the E. Project Division during the year 1885–86

Fund Financial and Departmental heads	Name of Project	Period	Particulars				Amount		
Provincial Irrigation and Navigation Works for which Capital and Revenue accounts are kept Capital I works	Investigating Kalingarayen Channel Preliminary exp. expences	1st April to 30th June 1885	One Assistant Engineer for three Months temporary including travelling allowance at Rs 420 a Month	1260	"	"	X		
			Three surveyors 3rd Grade for 3 Months at Rs 300 a Month	900	"	"	X		
			18 Temporary Lascars for the 3 Months at Rs 6 a Month	324	"	"			
			Contingencies such as jungle clearing coolies &c for 3 Months at Rs 10 a Month	30	"	"			
			Two temporary draughtsmen for 2 Months at Rs 40 each per Month	160	"	"	X		
			Total for Kalingarayen channel				2674	"	"
			Carried over				2674	"	"

			Brought forward		2674 " "
Provincial Irrigation and Navigation works for which Capital and Revenue accounts are kept Capital I Works	Investigating Krishnagiri Reservoir Project Preliminary expenses	1st July 1885 to 31st March 1886	One Assistant Engineer for 9 months including travelling allowance at Rs 420 a month	3780 " "	
			3 overseers 3rd grade for 9 months at Rs 100 a month	2700 " "	
			18 Temporary ... for 9 months at Rs 6 each	972 " "	
			Contingencies ... clearing jungles for 9 months at Rs 12 a month	108 " "	
			One gauger for registering water Levels in the Penniar River Krishnagiri Project for 12 months from 1st April 1885 to 31st March 1886 at Rs 6 a month = 72 " " Contingencies clearing sand in the gauge Rs 8 " "	80 " "	
			Total for Krishnagiri Project		7640 " "
Do	Bavani Reservoir Project	1st April 1885 to 31st March 1886	One gauger for registering water Levels Bavani River Sathiamangalam bridge for 12 months at Rs 10 a month	120 " "	
			Total for Bavani Project		120 " "
			Total for three Projects		10434 " "
			Tools and Plant Repairs and Carriage for 1885-86 Rs		100 " "
			Total amount required		10534 " "

– Abstract of foregoing –

Name of Project	Works	Establishment Temporary	Tools and Plant	Total
Kalingarayan channel Project	354 " "	2320 " "	100 " "	2674 " "
Krishnagiri Reservoir Project	1080 " "	6560 " "		7640 " "
Bavani do	" " "	120 " "		120 " "
		Total as above		10534 " "
	1434	9000	100	

F. W. Campbell Captain R.E.
Executive Engineer

Coimbatore
2nd June 1885

Chief Engineer 10 Jun 85

90 B.P. 85

Ex: 1

Recd 4

No I

Statement showing the amount required for Investigating Projs in the B. Project Division during the year 1885-86 —

Statement showing the amount required for investigating Projects in the B. Project Division from 1st April to 20th July 1885 —

Fund and Financial and departmental head	Name of Project	Period	Particulars	Amount
Provincial Irrigation and Navigation works for which Capital and Revenue accounts are kept Capital I Works	Investigating Kalingarayen channel Preliminary expenses	1st April to 20th July 1885	One Assistant Engineer for 3 3/4 months Temporary including Travelling allowance at Rs 420 a month	1375 .. ..
			Three surveyors for 3 3/4 months at Rs 300 a month	1125 .. ..
			18 Temporary Lascars for 3 surveys for 3 3/4 months at Rs 6 each	400 .. ..
			Contingencies such as jungle clearing Coolies &c for 3 3/4 months at Rs 10 a month	40 .. ..
			Total for Kalingarayen chl	2940 .. ..
			Carried over	2940 .. ..

26/1666

			Brought over		2940 " "
Provincial Irrigation and Navigation works for which Capital and Revenue accounts are kept Capital I Works	Krishnagiri Reservoir Project	1st April 1885 to 31st March 1886	One Gauger for registering water level in the Pennar River Krishnagiri Taluq for 12 months at Rs 6 = Rs 72 Contingencies clearing sand in the Gauge Rs 8	80 " "	80 " "
do	Bavani Reservoir Project	do	One Gauger for registering water levels Bavani River Sattiamangalam Bridge for 12 months at Rs 10 a month	120 " "	120 " "
			Total amount required		3120 " "
			Tools and plant for 1885-86 Repairs and carriage		100 " "
			Total Rupees		3240 " "

Abstract of foregoing

Name of work		Work	Temporary establishment	Tools & Plant	Total
Kalingarayen Channel Project		440 "	" 2500 "	" 100 "	" 3040 " "
Krishnagiri Reservoir	do	"	" 80 "	"	" 80 " "
Bavani	do	do	" " 120 "	" "	" 120 " "
Total		440 "	" 2700 "	" 100 "	" 3240 " "

27/1666

Coimbatore
9th June 1885

Geo Campbell Captain R. E.
Executive Engineer

CHIEF ENGINEER
20 JUN
1885
FOR IRRIGATION

R1ves
2

No. II

Statement showing the amo
required for investigating
Projects in the B. Project
Division from 1st April
to 20th July 1885

28/1666

No. 71/8

B. Project Divisional Office,
Coimbatore 9th June 1885.

FROM,

THE EXECUTIVE ENGINEER,
B. PROJECT DIVISION.

TO,

THE SUPERINTENDING ENGINEER,
IVTH CIRCLE.

SIR,

Enclosure
2 statements

I have the honour to acknowledge the receipt of your Memo No 28/B.P. dated 5th May 1885. You will observe from the Irrigation Chief Engineer's Memo No IV/S.C.I. dated 28th May 1885 that he distinctly asks what Projects are to be undertaken after 30th June and I therefore presumed that it is not intended that the B. Project Division should be abolished on the completion of the investigation of the Kalingaroyen Channel and I think it will be advisable if definite orders are obtained on this point.

I

I however in the meantime forward an estimate as required in your Memo under reference.

2. I find it necessary to increase the time for the completion of the field work and plotting till the 20th July as owing to the high winds ~~then~~ now prevailing levelling operations are much delayed.

I think it will be necessary to keep the existing establishment consisting of two Clerks and three draughtsmen for six months after the 21st July to complete the plans and estimation.

3. There is still a great deal of drawing to be done and all the estimates and designs have yet to be prepared.

I have the honour to be,

Sir,

Your most obedt servant

Geo. [illegible] Captain R.E.

Executive Engineer

B. PROJECT DIVISIONAL OFFICE.

9513 P.
10 JUN 85
P.W.D.
4th CIRCLE

From,

The EXECUTIVE ENGINEER,
B. PROJECT DIVISION.

CHIEF ENGINEER
20 JUN
1885
IRRIGATION

A 12 C.I / 1

To,

The Superintending Engineer
4th Circle

Dated 9th June
Despatched 10th June } 1885
Received

No. 71/8

Enclosures. 2

1666 W

Statement of funds required

Forwarding —— for Investigating Projects & a list of Office Establishment required to complete the Kalingarayen Channel estimates and plans

---

B

Para 2 of your Note appears wrong. The temporary surveyors for the permanent Project Divns are already provided for in schedule of Establishment. Please trace & show me under what item exactly. This will modify the order slightly. Otherwise it is I should say quite correct.

CW
8.7.85

Dw.

In refusing to introduce certain Surveyors into the scale of permanent Establishment the Govt of India in their letter No 61 C. D/ 9th Jany ordered that they may be appointed against provision for Temporary Establishment.

This order was received long before I joined office & code para 194 is left unmodified. I have now traced out the orders & added them to the file.

The draft order has been modified and as the temporary Surveyors required for B Project Dn have not yet been sanctioned for the current year, the S.E. IV C. Circle will be asked to submit a statement in prescribed form for sanction against lump sum provision for Temporary Est.

9.7. 10.7.85.

30/1666 C No. 5728
" 5817

Note

1. In the accompanying papers the Chief Engineer for Irrigation recommends for the following transfers of funds from Provincial Roads & Buildings to Provincial Irrigation and Navigation to meet the cost of investigation of projects in the three project Divisions:

B – Project Dn
Works & Tools & Plant 1534
Establishment .. 9000 10,534

C – Project Dn
Works & Tools & Plant 4800
Establishment 15,200 20,000

Lower Coleroon Project Dn
Works & Tools & Plant 7000
Establishment 18000 25,000

Grand Total.
Works & Tools & Plant. 13.334
Establishment. 42.200
55.534

C

2. The cost of Temporary Surveyors, and gaugers is shewn against establishment in the statement submitted by the Deputy Engineer IV Circle for the B project Division but under para 1044 of the P.W. Code are temporary establishment of surveyors & other inferior servants are debitable to works; the sum of Rs 3,500/- required for the same, will therefore be transferred to works. The requirements will then stand as follow:

Works & Tools & Plant	17,134
Establishment	38,400
	55,534

3. The following provision is already made under Provincial Roads & Buildings on account of Establishment required for the project Divisions.

B1/1866

B Project

Permanent

1 Engineer	Vide Distribution List
1. Asst Engineer	
4 Overseers	
4 Draftsmen	Vide Budget for 1885-86.
2 Clerks	
2 Messengers	
3 Lascars.	

C. Project

Permanent

1 Engineer	Vide Distribution return
1. Asst. Engineer	
2. Overseers	
4 Draftsmen	Budget for 1885-86.
2 Clerks	
2 Messengers	
3 Lascars.	

Temporary.

2. Surveyors Vide G.O. No 1265 W dt. 1.6.85

Lower Coleroon Irrigation Project

C

Permanent

1 Engineer - Distribution List

Temporary

4 Overseers - 1048 W. d/ 5.5.85

2 Clerks
2 Draftsmen } 3121 W d/ 19.12.84
2 Messengers
30 Lascars

And provision is also made separately for contingent and travelling Allowance charges

4. There is thus provision for all* cost of Establishment employed in the three Project Divisions already existing under Provincial Buildings & roads to which head, the cost of Establishment in the Project Divisions is chargeable in the first instance

* excepting for the temporary Surveyors & Gaugers required in the 3 Project Divs

5. The transfer of funds required by the ~~Engineer~~ Chief Engr for Irrigation under Establishment is therefore merely formal and it will not require additional funds being found for the purpose. The E. I. wants funds on account of Establishment under Provincial Navigation to enable him to have a separate record so that the cost of Establishment may be written back to the respective estimates for projects when they are sanctioned - It is therefore intended (vide E.I's note printed with G.O. No. 33 d/ 5th Jany 1885) to debit the Establishment Cost to Provl: Irrigation & Navigation by raising a corresponding credit to Provl. Roads & Buildings; the credit thus afforded will be treated as contributions and

and the saving thus effected
in the grant for Establishment
will be transferred to
Irrigation & Navigation.

6. But the cost of works
and Tools & Plant requires
specific provision of funds
and as almost no funds
are available under reserve,
the Civil: Dept may be
requested to allot R ~~[illegible]~~ 13334
required to meet the cost
of works & Tools & Plant in the Project
Divisions.

W
7/7

38/1885

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

READ the following

the Chief Engineer for Irrigation - H. E. No. 65 E. W. d/ 24th June 1885
—— Do —— Do —— H. E. No. 66 E. W. d/ 27th June 1885

The Government approve of the continued employment of the establishment for the B. Project Division to the end of the current official year, as recommended by the Chief Engineer for Irrigation.

2. In the papers recorded above, the Chief Engineer for Irrigation recommends the transfer of the following funds from Provincial, Buildings and Roads, to Provincial Irrigation and Navigation, to meet expenditure in the B, C, and Lower Coleroon Irrigation Projects.—

B. Project Division.

Works and Tools & Plant	1,534
Establishment	9,000
	10,534

C

C. Project Division.

Works and Tools & Plant	4,800
Establishment	15,200
	20,000

Lower Coleroon Irrigation Project Dn.

Works and Tools & Plant	7000
Establishment	18,000
	25,000

Grand Total for 3 Divisions.

Works and Tools & Plant	13,334
Establishment	43,200
	56,534

3. To provide for the cost of Establishment, a sum of Rs. 43,200 is transferred from the grant for Establishment under Provincial Roads and Buildings, which is set free by the grant under Provincial Irrigation and Navigation being treated as a contribution.

4. The balance available from the P.W. reserve being ~~only~~ small, the Financial Department is requested to allot if possible a special grant of Rs. 13,334 under Provincial Irrigation and Navigation to provide for the cost of works and Tools and Plant in the Project Divisions during 1885-86.

5. The Superintending Engineer II Circle will submit for sanction of Government a proposition statement in prescribed form for the temporary surveyors and gaugers required in the B Project Division.

84
1666

CB.
9.7.85

To
The Supdg. Engr. III Circle
" — Do — Do — IV Circle
" — Do — Do — II Circle
" Chief Engr. for Irrigation
" Examiner P. W. Accts.
" Financial Deptt.

(2)

Superseded

[illegible]

No. 62 / E.I. $\frac{35}{1666}$

Supg. Engineer's Office IV Circle
Camp Wellington, 16th June 1885.

From

The Superintending Engineer
IV Circle

To

The Chief Engineer
for Irrigation.

Sir,

With reference to your Memo: No. $\frac{20}{51 E.I.}$ of 28th Ulto. I have the honor to forward herewith two Statements furnished by the Executive Engineer B. Project Division of the funds required for investigating projects in that Division during 1885-86.

2. No orders have been passed as to whether the B. Project Division is to be abolished on the Completion of the Calingarayen extension project estimates, or is to be carried on afterwards to complete the investigation of the Krishnagiri and Bavani projects.

3. Statement No. I, therefore provides for going on with the Krishnagiri surveys after the Calingarayen surveys are finished. This

This statement shows a probable outlay of Rs 10,534.

4. Statement No. II, showing a probable outlay of only Rs 3,240, assumes that the Division will be abolished when the Calingarayen estimates are completed.

5. As the Krishnagiri and Bavani projects are very promising ones, and a large amount of survey and levelling has been already done upon them, it is very desirable that if possible funds should be found for completing the surveys and estimates.

6. The amount applied for does not include Office Establishment, as this is provided for under Permanent in the Provincial Budget.

7. I forward the Executive Engineer's covering letters as they give some explanation of the circumstances under which the statements were framed.

I have the honor to be,
Sir,
Your most obedt. Servt.,

J. Beatty
Col. R.E.
Superintending Engineer IV Circle

CHIEF ENGINEER
20 JUN
1885
IRRIGATION

From R12C1
The Sup. Engineer,
Fourth Circle.

Dated 16th } June/85.
Despd. 19th }

No. 62
E.I.

Enc. 4

Funds required for B Project Division in 1885-86 -

Forwards two statements of the —— under different circumstances.

37/1666 2

Letter from the Supg. Engineer 4th Circle
No. 62. E. I. d/ 16th June 1885

No. 65 E.W.

Enclos. 5
1 E.E.s letter
2 E.E.s - "
2 Statements

Transferred to the Chief Engineer, P.W.D. with a recommendation that the B. Project Division should be continued throughout the year.

2. The estimate submitted by the Sup. Engineer supposes that the services of a temporary Assistant Engineer are required, the Projects being prepared in a sub Division of the Coimbatore Division. If however the services of a permanent Assistant or Executive Engineer are available, the estimate will be reduced by the pay of the Assistant Engineer.

3. It seems very desirable that the Projects which are so far advanced should be worked out completely and it is hoped that there may be no difficulty

&c

The

in providing the funds required for expenditure in this year. If the Project Division is abolished, a great deal of the expenditure already incurred in investigation at Kristnagiri and Bhowani, will necessarily be a dead loss.

Ootacamund
24th June 85

Sd. illeg
Colonel. R.E.
Chief Engineer for Irrign.

To
The Chief Engineer
P.W.D.

Acc. 5728

(2)

13-6-85
2-5

No. 1466 W dated 17-7-8

G. 20-7-85 [illegible]

Note by the Chief Engineer for Irriga-

$\frac{39}{168}$

No. 66 Ev.

No provision having been made in the current year's Budget in Estimate of expenditure on Irrigation works for funds required for the "B". "C" and the Lower Coleroon Irrigation Project Divisions, the Supg. Engineers concerned were requested to report the amounts required to be provided for the purpose. The following statement prepared from the replies received from the Supg Engineers, 3rd & 6th Circles shows the amounts required for expenditure in the "C" & the Lower Coleroon Irrigation Project Divisions.

	Works	Establishment	Tools & Plant	Total
"C" Project Division				
Toongabudra Project	500	6,333	80	6,913
Huggery Mylapore Reservoir Project	1750	3,800	50	5,600
Huggery Raidroog Project	1750	3,800	50	5,600
Poothacounta Project	600	1267	20	1887
Total	4,600	15,200	200	20,000
Lower Coleroon Irrigation Project Divn.				
Lower Coleroon Irrigation Project	5000	18000	2000	25000
Grand Total	9600	33200	2200	45,000

The

2. The amounts entered under works are required for clearing jungle, fixing bench marks and other preliminary expenses.

3. The particulars of the amounts entered under Establishment are as shown below.

	C. Project Division		Lower Coleroon Irrigation Project Division	
	No	Amount	No	Amount
Executive Engineer	1	700	1	700
Overseers	"	"	4	320
Surveyors	2	200	"	"
Draughtsmen	2	103	2	80
Clerks	1	18	2	50
Messengers	2	12	2	14
Lascars.	3	18	30	180
Total per mensem	"	1051	"	1344
" " annum	"	12612	"	13440
Travelling allowance & Contingencies	"	2588	"	4560
Total	"	15200	"	18000

The "C" Project Division Establishment will continue throughout the year while the Lower Coleroon Irrigation Project Division Establishment will continue only for 10 months.

4. For the "C" Project Division Rs 3246 for office establishment and Rs 600 for contingencies are provided at page 39 & 42 of the

p. 4

current year's Budget estimate of Expenditure from Provincial funds in the Roads and Buildings Branch. It is therefore requested that Rs ~~11,904~~ 11,354 for the "C" Project Division and Rs 18,000 for the Lower Coleroon Irrigation Project Division may be appropriated from the provision for temporary Establishment in the Provincial Budget, Roads and Buildings, and the amounts required for both the Divisions under Works and Tools and Plant may be appropriated from the balance of the Reserve at the disposal of Government under Provincial & Roads & Buildings, the total estimate of expenditure in the two Divisions viz Rs 45,000 being transferred from Roads and Buildings to Irrigation and Navigation.

40/1666

11354

Ootacamund
27 June 85

Colonel R.E.,
Chief Engineer for Irrign

To
The Chief Engineer
P.W.D.

G.O. No. 3319 W. 15-12-82
" " 904 W. 20-3-83
" " 1153 W. 18-4-83
" " 1364 W. 9-6-83
" " 1265 W. 1-6-83
" " 1048 W. 5-5-83
" " 1014 W. 29-4-83
" " 3 I. 8-1-85
" " 3121 W. 19-12-84
" " 1465 I. 13-6-82
" " 1464 I. 13-6-82
" " 1015 I. 10-12-83
" " 1014 I. 11-12-83
" " 692 W. 14-3-84
" " 172 I. 12-2-84
" " 173 I. 12-2-84
" " 691 W. 14-3-84
" " 924 W. 4-4-84 Orig.

No. 663 81

(2)

No. 3/7/85

No. 1666 W of 17-7-85

Ref. 5/7/

Govt
estabt

No. 1666 W

PUBLIC WORKS DEPARTMENT.

41
1666

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 17th July /85

READ the following

From the S. E. IV Circle No. 62 E.S. of 16th June 85
From the Chief Engr. for Irrigation (Rc. No. 65 E.W. of June 24th 1885)
—— do —— (" " 66 E.W. of " 27th ")

The Govt. approve the continued employment of the establishment for the B Project Division to the end of the current official year, as recommended by the Chief Engineer for Irrigation.

2. In the papers recorded above, the Chief Engr. for Irrigation recommends the transfer of the following funds from Provincial Buildings & Roads, to Provincial Irrigation and Navigation, to meet expenditure in the B, C, and Lower Coleroon Irrigation Projects:—

B. Project Division

Works & Tools and Plant	1534
Establishment	9,000
	10534

Project Division

Works & Tools & Plant	4,800
Establishment	15,200
	20,000

Lower Chenab Irrign Project Dn

Works & Tools & Plant	7,000
Establishment	18,000
	25,000

Grand total for three Divisions

Works & Tools & Plant	13,334
Establishment	42,200
Total Rs	55,534

To provide for the cost of Estabt, a sum of Rs 42,200 is transferred from the grant for Establishment under Provincial Roads and Buildings which is set free by the grants under Provincial Irrigation & Navigation being treated as a contribution.

4. The balance available from the Public Works revenue being small, the question of allotting, if possible, a special grant of Rs 13,334 under Provincial Irrigation and Navigation, to provide for the cost of works & Tools & Plant in the

42
1266

Project Divisions during 1885-86, will be considered in the Financial Department. The Government in the P.W. Deptt agree with the Chief Engineer for Irrigation that it is most desirable that the projects which are so far advanced should be worked out completely.

5. The S.E. IV Circle will submit for sanction of Govt a proposition statement in prescribed form for the temporary surveyors and gaugers required in the B Project Dn.

W
15-7-85

C.W.
21/7

To,
The S.E. IV Circle
" " V "
" " VI "
" C.E. for Irrign
" Exr P.W. Accts
" Financial Deptt

FW 14/7

Cu

Note (To The Chief Secy to Govt for information of [illegible])

87

Govt. of Madras

PUBLIC WORKS.

W. & I. 19/7/86

G.O. 17 July 188 , No. 1066 W

Establishment

~~Orders~~ Approving ~~of~~ the continued employment of the — for the D Project for the rest of 1885/86 and of passing orders in regard to funds for the B, C, and Lower Coleroon Irrigation Projects.

80/7