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MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. 1113 Press ~~Mis.~~

451-452

Dated 19-6- 1864.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
19th April 1864.

No. 451. Read the following letter from Lieutenant-Colonel J. C. ANDERSON, R. E., Superintending Engineer, 2nd Division, to Colonel C. A. ORR, R. E., Secretary to Government, Department Public Works, dated Masulipatam, 2nd April 1864, No. 81:—

SIR,

1. Referring to the printed Budget for the ensuing year, I have the honor to address the Government on the subject of the comparatively small allotment provided for the works in the Kistna Delta. I cannot of course expect that this District should receive more than a fair share of the grant allowed for the whole of the Presidency; but I am induced to hope, in consideration of the importance of the works I allude to, the very successful results that have been obtained from them up to this time, and the opinions that have been expressed in favor of their further development by all the authorities who have turned their attention to them, from the Collector of the District to the Secretary of State, that measures may be adopted to carry them on more vigorously than the present allotment will admit of.

2. For the current year the Supreme Government sanctioned an addition to the Budget grant of Rupees 47,580, but I did not receive it till the month of December 1863, and thus much valuable time was lost. As the Government are aware the supply of labour in this District is limited, and it is not only necessary that funds should be supplied at the commencement of the season, but that discrimination should be used in the selection of works to which they are to be distributed. In this respect I beg respectfully to remark that the Budget is faulty. In the Statements submitted from this Office, it is necessary, while the amount that will be allotted is uncertain, to allow for a larger scale of expenditure than would probably be passed, and care is taken that the proposed expenditure should be distributed as equally as possible, to the extent to which Estimates may have received the sanction of Government, over the different Ranges in the Delta. This arrangement is not adhered to by the Government, and if sufficient funds are not available for all the works proposed, some are struck out altogether, and thus, while one Range may receive the full allotment applied for, another of equal importance may receive nothing. For example, out of the total Budget grant for next year Rupees 1,10,307, for the Delta works, between Rupees 60 and 70,000 are allowed to the 1st Range, while to the 2nd Range, in which I had proposed an expenditure of Rupees 40,000, nothing whatever is allowed. In consequence of this, one Officer has to strain every nerve to work out his allotment, while in the other Range a quantity of labor will remain unemployed. It is from this want of power of *distribution* that an Officer in charge of a District may be applying for larger allotments, while he may have failed to expend what he had.

3. The works enumerated in the accompanying list were sanctioned by Government within the last few months, but they are omitted in the Budget, and unless a special grant is allowed for them, they cannot be commenced during the ensuing year; although they form a part of the general project for the Delta, and though the Collector of the District has shown that the principal work, the continuation of the Commamoor Channel, would be remunerative in a remarkable degree. In the report on the Delta which was reviewed in G. O. No. 430, dated 12th February 1864, the amount required to complete the system of channels under the Anicut is estimated at 31 lacs, and if this be accepted, it would appear highly desirable that the yearly allotment for the prosecution of the works should be less liable to fluctuation than it is at present. The rate of annual expenditure I proposed cannot be considered immoderate, only 2½ lacs Rupees per annum as the maximum, but if Government were even to accept 2 lacs, as the standard, and give an assurance that this sum would be allotted annually for these works, they would remove the serious inconveniences that are now occasioned by the uncertainty of the Budget grants, and they would enable the local Officers to provide accurately beforehand for the works to be taken up in succession, and even to lay out a programme for several years' expenditure, which they could so arrange, that each channel should receive a share commensurate with its importance, and that the whole should be treated in a more comprehensive manner than is possible under the present system, by which their time and attention is liable to be misapplied in the

preparation of Estimates which are sanctioned, but which they cannot carry out, or it may be, they are allowed to carry out one work, while another which may be required to give it full effect is postponed.

4. The following Statement of expenditure on new works, as compared with the increase of revenue, in the Delta, for the several years, since the water was passed in, may be found interesting. The returns of revenue have been obtained from the Collector, and they show the increase for each year over the average of five years (Rupees 22,83,727) prior to the introduction of the Kistna water by means of the channe's under the Anicut :—

	Expenditure on New Works.	Increase of Revenue.
	RS.	RS.
1852-53 to 1854-55	9,28,216	43,849
1855-56	2,84,625	58,890
1856-57	1,23,357	1,06,376
1857-58	69,981	1,52,718
1858-59	1,28,685	1,85,661
1859-60	1,49,694	2,73,870
1860-61	1,21,103	2,60,953
1861-62	1,32,849	3,42,349
1862-63	2,23,012	3,95,369
1863-64	2,23,405	4,63,692
	23,84,927	22,83,727

List of works omitted in the Public Works Budget for 1864-65, *for which funds are required.*

Works.	Amount of Estimates.	Amount required for expenditure in 1864-65.
	RS.	
Extension of Commamoor Channel sanctioned in G. O. No. 3,699, dated 15th December 1863.	1,85,460	
Irrigation Channel from Chabrole Tank, G. O. No. 3,454, dated 25th November 1863.	2,680	30,000
Irrigation Channel for Noodoocoor lands, G. O. do. do.	3,358	
New shutters for Bazoarah and Seetanagram under-sluices, G. O. No. 3,478, dated 26th November 1863.	2,400	2,400
Clearing and improving Mooninghy drainage and constructing under-tunnel, sanctioned in G. O. No. 3,626, dated 11th December 1863.	10,510	4,380
Bridge across Commamoor Channel at Chabrole and road from Guntoor to Seetanagram.	11,900	
1st Class Lock at Dooggerallah to connect Nizampatam Canal with Commamoor Channel, sanctioned in G. O. No. 3,331, dated 19th November 1863.	27,800	20,000
Minor New Works (under 500 Rupees).	...	3,000 ~~40,000~~
Should the undermentioned works not have been entered in the Local Fund Budget for 1864-65, a grant is solicited for them also.		
River embankment from Bazoarah to Ebrampatam.	12,300	
Do. from Seetanagram to Oondavully, sanctioned in G. O. No. 3,213, dated 4th November 1863.	1,910	5,000
River embankment from Yanama'a Codur to Mopedavy, sanctioned by Government 23rd December 1856.	56,910	5,000

Masulipatam,
2nd April 1864.

(Signed) J. C. ANDERSON, Lieut.-Colonel, R. E.,
Superintending Engineer, 2nd Division.

No. 452. ORDER THEREON, 19th April 1864, No. 1,113.

1. The Superintending Engineer, 2nd Division, will be informed that after making due provision in the Budget for the ensuing year under the heads "Repairs," "Reserve," "Stores" and "Establishments," the amount which remained at the disposal of Government for appropriation to new works was Rupees 19,86,791. This sum, being considerably less than that applied for in the Divisional returns, it was necessary that it should be distributed, on some principle, and after much consideration, the Government determined, for the reasons stated in paragraph 3 of G. O. No. 381, dated 6th February 1864, to provide, in the first instance, for works which had been already commenced, and then to consider demands on account of projects upon which no expenditure had yet been incurred.

2. It was, however, found, after making due provision for incomplete works, that a very small balance was available for appropriation to those works which had not yet been commenced. The Government had therefore no alternative but to exclude from the General Budget a very large number of projects of the latter class, and amongst them the items entered in the List submitted with the foregoing letter.

3. Colonel Anderson will however be informed that in omitting these works, the Government contemplated a liberal allotment to the Kistna District from the Reserve of 1864-65. Every effort will accordingly be made to provide from that source the whole or portions of the sums applied for on account of the first seven items in the Superintending Engineer's List, but if this be found impracticable, application will be made to the Government of India for a special grant of Rupees 30,000 for the extension of the Commamoor Channel.

River embankment from Bezoarah to Ebrampatam.
Do. from Seetanagram to Oondavully.
Do. from Yanamala Codur to Mopedavy.

4. The works marginally noted will, if possible, be entered in the Local Fund Budget for 1864-65.

5. The Superintending Engineer is reminded that in Proceedings No. 381, dated 6th February last, a sum of Rupees 7,000 was allotted on account of minor New Works in the Kistna District.

(True Extract.)
(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Superintending Engineer, 2nd Division.

Exd. S. T Augustin.

5 N

Erratum

In the list of works omitted in the PW Budget for 1864/65 for which funds are required, submitted with a letter from the Supt Engineer 2d Dn to the Secretary to Government P.W.D. No. 81 dated 20th Feb 1864

For Minor New works under 500 Rs.		10,000
Read Minor New works	———	13000,

———

Supt Engrs Office 2d Dn
Masulipatam
18th April 1864.

Secretary
Supt Engineer 2d Dn

No 81.

Supdg Engrs Office 2nd Divn
Masulipatam
29 April 1864

From

Lieut Colonel J. C. Anderson RE
Superintending Engineer 2nd Divn

To

Colonel C. A. Orr RE
Secretary to Government
P. W. D.

Sir

Referring to the printed Budget for the ensuing year, I have the honor to address the Government on the subject of the comparatively small allotment provided for the works in the Kistna Delta. I cannot of course expect that this Dist. should receive more than a fair share of the grant allowed for the whole of the Presidency; but I am induced to hope, in consideration of the importance of the works I allude to, the very successful results that have been obtained from them up to this time, and the opinions that have been expressed in favour of their further

development by all the Authorities who have turned their attention to them, from the Collector of the Distt to the Secretary of State. That measures may be adopted to carry them on more vigorously than the present allotment will admit of.

2nd For the current year the Supreme Government sanctioned an addition to the Budget Grant of Rs 47580. but did not receive it till the Month of December 1863, and thus much valuable time was lost. As the Government are aware the supply of labour in this Distt is limited, and it is not only necessary that funds should be supplied at the Commencement of the season, but that discrimination should be used in the selection of works to which they are to be destributed - In this respect, I beg respectfully to remark that the Budget is faulty - In the statements submitted from this Office, it is necessary, while the amount that will be allotted is uncertain, to allow for a larger scale of Expenditure than would probably be passed, and care is taken that the proposed Expenditure should be destributed as equally as possible, to the extent to which Estimates may have received the sanction of Government, over the different ranges in the Delta - This arrangement is not adhered to by the Government, and if sufficient funds are not available for all the works proposed, some are struck out altogether, and thus, while one Range may receive the full allotment applied for, another of equal importance may receive nothing - For Example out of the total Budget grant for next year Rs 110307, for the Delta works, between Rs 60 & 70,000 are allowed to the 1st Range, while to the 2nd Range, in which I had proposed an Expenditure of Rs 40,000, nothing whatever is allowed. In consequence of this, the Officer has to stop every Scheme to work out his allotment, while in the other Range a great[illegible] of labour will remain unemployed. If this is from want of power of distribution that an Officer in Charge of a Distt may be applying for larger allotments, while he

he may have failed to expend what he had.

3 The works enumerated in the accompanying list were sanctioned by Government within the last few months, but they are omitted in the Budget: and unless a special grant is allowed for them, they cannot be commenced during the ensuing year: although they form a part of the general project for the Delta, and though the Collector of the Dist. has shown that the principal work, the continuation of the Commanoor Channel, would be remunerative in a remarkable degree.

In the report on the Delta which was received in G.O. No 430 dated 12th February 1864 the amount required to complete the System of Channels under the Anicut is Estimated at 31 lacs: and if this be accepted, it would appear highly desirable that the yearly allotment for the prosecution of the works should be less liable to fluctuation than it is at present. The rate of annual expenditure I proposed cannot be considered immoderate, only 2½ lacs Rupees per annum as the maximum: but if Government were even to accept 2 lacs, as the standard, and give an assurance that this sum would be allotted annually for these works, they would remove the serious inconveniences that are now occasioned by the uncertainty of the Budget grants, and they would enable the local Officers to provide accurately beforehand for the works to be taken up in succession, and even to lay out a programme for several years Expenditure, which they could so arrange, that each Channel should receive a share commensurate with its importance, and that the whole should be treated in a more comprehensive manner, than is possible under the present System, by which their time and attention is liable to be misapplied in the preparation of Estimates which are sanctioned, but which they cannot carry out, or it may be, they are allowed to carry out one work, while another which may be

required to give it full effect is postponed.

4 The following statement of Expenditure on new works, as compared with the increase of Revenue, in the Delta, for the several years, since the Water was passed in, may be found interesting. The returns of revenue have been obtained from the Collector and they show the increase, over the average of 5 years (Rupees 22,83,727) prior to the introduction of the Kistna water by means of the Channels under the Anicut—

	Expenditure on new works. Rs	Increase of Revenue. Rs
1852/53 to 1854/55	9.28.216	43.849
1855/56	284.625	58.890
1856/57	123.357	106.376
1857/58	69.981	152.718
1858/59	128.685	185.661
1859/60	149.694	273.870
1860/61	121.103	260.953
1861/62	132.849	342.349
1862/63	223.012	395.369
1863/64.	223405	463692
	23.84.927	22.83.727.

I have

13

I have the honour to be
Sir
Your Most Obed Servt
H Strachey Lieut Colonel &c
Supt Engineer & Dy

G.K.B.6

List of works omitted in the Public Works Budget for 1864-65 for which funds are required.

Works	Amount of Estimate	Amount required for Expenditure in 1864/65
Extension of Commanoor Channel sanctioned in G.O. No 3699 of 15th December 1863.	185,460 ✓	
Irrigation Channel from Chabrole Tank. G.O. No 3454 dated 25th November 1863	2,680 ✓	30,000 ✓
Irrigation Channel for Woodroffe lands G.O. do do	3358 ✓	
New Shutters for Bazaruck & Seetanagram under Chiefs G.O. No No 3478 of 26 November 1863	2400 ✓	2400 ✓
Clearing & improving Moningky drainage & Construction under Tunnel sanctioned in G.O. No 3626 of 11th December 1863 -	10510 ✓	4380 ✓
Bridge across Commanoor Channel at Chabrole & Road from Guntoor to Seetanagram	11900 ✓	
1 Class Lock at Doggerallock to Connect Bizampatam Canal with Commanoor Channel sanctioned in G.O. No 3381 of 19th November 1863.	27,800 ✓	20,000 ✓
Minor New Works (under 5000 Rs)	- - -	- - - - 3000 ~~10,000~~ ✓
Should the undermentioned works not have been entered in the Local Fund Budget for 1864-65 a grant is solicited for them also -		
Lower Embankments from Bazaruck to Bizampatam - - - - - -	12300 ✓	
do from Seetanagram to Chinnavelly sanctioned in G.O. No 3213 dated 6th November 1863 - - -	1910 ✓	5,000 ✓

Dated 4th December 1863.

To the Secretary to Govt
Public Works Dept

Sir,

I have the honor to forward herewith a list of works omitted in the Budget for 1864-65 for which funds are required.

2. I have the honor to be Sir Your most obedient Servant

Executive Engineer

Dated 5th December 1863
Regd 4 Dec 12 -

61

Forwarding an list of works omitted in the Budget Estimate for 1864/65 for which funds are required.

Dated 8th December 1863
Regd 11 -
No 3113 - 194 of 1863

Read

River Embankment from Yarramalong
Crown to Mooneba road sanctioned
by Govt 23d December 1856 — 5690 10 — ✓ | 5000 ✓

Subg Engrs Office 2nd Div
Narrulla Camp
2d April 1864

J Anderson Lieut Colt
Subg Engineer 2d Div

No 1113

Proceedings of the Madras Government
Under date the 14th March 1864

Rec'd the following Letter

From the Supt. Engineer 2d Div.
Reporting on the duties
of the Comparatively small allotment
provided for the works in the
Kistna District for 1864/65 & Have entered 2d April 1864
and Requesting that Rs. 1,00,000
may be adopted & carry
them on more vigorously
than the present allotment
will admit of.

The Secretary
Sir,
I have the honor to
Gunnfounded Abd. of
[illegible] Monsoon
[illegible] Abd
in the Budget for
ensuing year under
the heads "Repairs"
"Repairs, Surveys &c.
Agreements" Abd
amounts which
at the disposal of
Govt. for [illegible]

Enclosure is a
letter from the
Supt Engineer 2d Div
& the Secretary
Govt D P W
No 81 dated 2d
April 1864.

D P W 576/64

to new work was
Rs. 19,86,791. This
sum, ~~however~~, being
considerably less than
that applied for in
the Divisional Returns,
it was necessary that
~~the available funds~~
it should be distributed
on some principle, ~~over~~
~~the general District~~.
After much consideration,
the Govt. determined,
for the reasons stated
in para 3 of G.O.
No. 381 dated 6th July/64,
to provide in the
first instance, for work
which had been already
commenced, and then
to consider ~~the~~ demand
on

on account of projects
upon which no expen-
diture had yet been
incurred.

2. It was, however,
found, after making
due provision for in-
complete work, that
a very small balance
was available for ap-
propriation to ~~these~~
new
which had not yet
been commenced.
The Govt had therefore
no alternative but to
exclude from the General
Budget a very large
number of projects of
the latter class and
amongst them the
items entered in the
List submitted with

with the foregoing letter.

Colonel Anderson will however be informed that in connection with the Govt. contemplated liberal allotment to the Kistnah District from the Famine of 1864/65. Every effort will accordingly be made to provide from that source the whole or portions of the sums applied for on account of the first seven items in the Superintending Engineer's Distribution of the Ist Instalment

River embankment from Bezwarah to Ibrampatam
do from Seetanagrum to Pondaverlly
do from Yanamalacoduru to Mopedavy

unpracticable, application will be made to the Government of India for a special grant of Rs. 30,000 for the extension of the Commamoor Channel

The work mar: against noted will, if possible, be entered in the Local Fund Budget for 1864/65.

The Superintending Engineer is reminded that in Prov: No. 381, dated 6th February last, a sum of Rs. 7,000 was allotted on account of minor

new

New work in the
Oshkosh District

To Chief Engr
23
Sept 20th April
2

1864 Detto

Rec. of Govt. for April

No. 1118

Rec. of the Govt

of 19 April 65

Letter from the Superintending Engineer 2nd Division bringing to notice the comparitively small allotment provided in the Budget of 1864/65 for the works in the Kistna Delta

No. 457. 452