M.R.O. 1—77,006—3-6-37.

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

DEPARTMENT.

G.O. No. Press Mis.

Dated 18

Not to be folded or roughly handled

No. 582. Read the following letter from Lieutenant-Colonel G. W. WALKER, R. E., Superintending Engineer, 7th Division, to Colonel C. A. ORR, R. E., Secretary to Government, Department Public Works, dated Coimbatore, 12th July 1865, No. 61 :—

SIR,

1. Item No. 77 of Part II. of the Budget of 1865-66 shows an allotment of Rupees 6,708 for small irrigation sluices to the channels of the Caroor Táluq, out of a total estimate of Rupees 9,288 for 108 sluices ; Rupees 2,580 having been sanctioned and allotted in G. O. No. 1,818 of 22nd June, and G. O. No. 3,398 of 28th November 1864, respectively, for carrying out thirty of them in 1864-65, being at the rate of Rupees 86 each.

2 Plans.
2 Estimates.

2. Sixteen sluices, however, were all that could be built, at a cost of Rs. 1,021-12-2, or less than Rupees 64 each, and Mr. Wiffen now finds that the remainder will not cost more than Rupees 50 each, at which average he hopes also to carry out all the others in Caroor Táluq, the sections of the channel banks generally being less than where the sluices have already been put in. But he adds 21 sluices to the original number, for the Vangole and Punchamadevy channels, before omitted. I submit therefore his revised plan and estimate of Rupees 5,650, as for 113 sluices yet to build, cancelling the unexpended balance of the original sanction of Rupees 2,580 for 30 sluices. And I propose an appropriation of Rupees 4,000 out of this year's allotment, and the transfer of the balance of Rupees 2,708 to make up for the elision of Item No. 75 from the original printed Budget list, viz., "masonry sluices for Thadapully channel," for which I learn by G. O. No. 1,868 of 4th July, that Reserve Funds are not available.

3. I take this opportunity of submitting, for sanction, plan and estimate of Rupees 5,358, for the construction of 114 distribution sluices to the channels of the Dharapuram Táluq, at an average cost of Rupees 47 each ; for which I do not propose any separate allotment of funds in the current year. I would suggest, however, that Mr. Wiffen be at liberty to divide the Caroor Táluq allotment of Rupees 4,000 between both Táluqs if he finds it convenient, giving due notice of any such intention.

No. 583. ORDER THEREON, 22nd July 1865, No. 2,118.

CIVIL WORKS, No. 75.

Caroor Range.

1. In his letter* No. 25, dated 8th June 1864, the Superintending Engineer of the 7th Division requested sanction to an estimate amounting to Rupees 9,288 for the construction of 108 distributing sluices on a number of irrigation channels in the Caroor Táluq of the Coimbatore District, being at the rate of Rupees 86 per sluice. Colonel Walker proposed to build 30 of these sluices during the year 1864-65, and in order to this, a sum of Rupees 2,580 was applied for, and was placed at his disposal in G. O. No. 3,398, dated 28th November 1864. The balance of the estimate, viz., Rupees 6,708, was entered in current year's Budget.

* Recorded in the Proceedings of Government, No. 1,818, dated 22nd June 1864.

2. The Superintending Engineer now reports that it was found impracticable to complete more than 16 sluices during the past official year, and that their actual cost was Rupees 1,022, or Rupees 22 per sluice less than was anticipated.

3. The number of sluices remaining to be completed on the 1st May last on the estimate referred to in paragraph 1 was therefore 92. Colonel Walker, however, proposes to cancel this estimate, and to substitute for it one submitted with the foregoing letter, which provides for the construction of 113 sluices (in addition to

those completed last year) at a cost of Rupees 5,650, being at the rate of Rupees 50 per sluice. He moreover proposes to distribute the Budget allotment of Rs. 6,708† abovementioned as follows:—

† See G. O. No. 802, dated 23rd March 1865.

	Rs.
To the sluices for which the estimate of Rupees 5,650 is now submitted	4,000
To the masonry sluices for the Thadapully channel, Item 75 of the Budget...	2,708

4. The Governor in Council sanctions the estimate for Rupees 5,650, and approves of the several proposals made by Lieutenant-Colonel Walker, the appropriation of Rupees 2,708 to Item No. 75 of the Budget being subject to the approval of the Government of India. In the meantime, the work may be proceeded with.

5. His Excellency in Council also sanctions the estimate, amounting to Rupees 5,358, for the construction of 114 distribution sluices to the channels in the Dharapuram Táluq of the Coimbatore District, and he will be prepared to consider any proposals which the Superintending Engineer may submit for the diversion to these works of a portion of the allotment standing to the credit of Item 77 of the Budget.

Caroor Range.

6. Ordered that the following Tabular Statement be submitted to the Government of India:—

(Here enter No. 2,119, dated 22nd July 1865.)

(True Extract.)

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

To the Superintending Engineer, 7th Division.
" Accountant General.
" Controller of Public Works Accounts.

Ed. S. T. Augustin.,

No. 2,119.

PUBLIC WORKS DEPARTMENT, MADRAS.

Application to the Government of India, for a re-appropriation of Budget Grants, dated 22nd July 1865.

Proposed reduction.		Proposed new grant.	
Particulars.	Amount.	Particulars.	Amount.
	Rs.		Rs.
Item No. 77 of the Budget	2,708	Item No. 75 of the Budget	2,708
Coimbatore.—Repairs under "Communications."	3,500	Coimbatore.—Opening a new line of road from the head of the Coonoor Ghát to the Wellington Barracks...	3,500

No. 584.

CIVIL WORKS, No. 76.

These works have been ordered to be proceeded with in anticipation of sanction.

Orders by the Government of India,
No. 18 ,
dated

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

Secy. to Govt. of India, P. W. Dept.

PUBLIC WORKS 186 , DEPARTMENT.

No.

From

The Secy. to the Govt. of Fort Saint George,

P. W. D.

To

The Secy. to the Govt. of India.

Dated 186 .

No.

Application to the Government of India for a re-appropriation of Budget Grants.

Sanction of Rupees 2,580 for 30 Sluices - And I propose an Appropriation of Rupees 6,000 out of this Years Allotment, and the transfer of the balance of Rupees 2,708 to make up for the Division of Item No 75 from the original Printed Budget List, viz "Masonry Sluices for Thadapully Channel," for which I learn by G.O. No. 1868. of 4th July, that Reserve Funds are not available.

3. I take this opportunity of submitting for Sanction Plan and Estimate of Rupees 5,358. for the construction of 11th distribution Sluice to the Channels of the Chiraipurram Taboth at an average cost of Rupees 47 each; for which I do not propose any seperate allotment of funds in the Current Year. I would suggest however that Mr Wilson be at liberty to divide the Caroor Taboth allotment of Rupees 6,000 between both Taboths if he finds it convenient, giving due notice of any such intention.

I have the honor to be
Sir,
Your most Obdt Servant
W.W. Wilkes Lieut R.E.
Superintending Engr 1st Dr.

1565 Date

Proposed Contract for July

Estimate No. 2604

The Surveyor Gen.

for Ice

To

The Secretary to Govt

No. 61 P. S. W

Dated 12 July 1865

Rec'd 15th "

Enclosures 4 2

Submits for sanction

Plans and Estimates

of Rs. 5650 & 3,358 for

Irrigation Channels on

the Talavelli & Cavery &

Chanapoor Anicuts respectively

No. 2118. & 2119 22nd July 1865

No. 582

No. 1765 July 1865. Rd. 19th

Estimate No 23 of 1865/66.

Estimate of the probable expense for Constructing ~~Cyclindrical~~ Irrigation Sluices proposed to be built on the Irrigation Channels in the Caroor Taluq

Taluq	Nature of work	Measurement L	B	H	Cubical Contents	Superficial Contents	Particulars of Work	Price	Rate	Amount of work Article	Work	Observations on the necessity of work when last repaired and at what cost	By whom executed
Caroor	Constructing Cyclindrical Irrigation Sluices	3-7	1-3"	2-"	8 23/24		Foundation to Head						
		4-9	1-3	2-"	11 7/8		Do Do						
		4-9	1-3	2-"	11 7/8		Do to Rear wall						
		12-"	3-7	"-3	10 3/4		Do to Tunnel						
							Superstructure						
		3-6	1-3	2-3	9 27/32		Head front wall						
		2-6	1-3	2-3	7 1/32		Side walls to Vent						
		24-"	1-3	2-3	67 1/2		Side walls to Tunnel						
		3-6	1-3	2-3	9 27/32		Rear wall						
		15-9	1-"	1-3	19 11/16		Wall above Tunnel						
		4-"	1-3	1-3	6 1/4		Front retaining wall						
		4-"	1-3	1-3	6 1/4		Rear Do						
					149 ~~42 25~~ 119 16								
		3-3	1-6	"-4	1 5/8		Deduct stone to Vent						
					~~168 336~~ 168 336								
					167 35/96								
							Plastering						
		3-"	5-"	"	"	15	Front Vent						
		3-9	4-"	"	"	15	Rear wall						
						30	Sft or 3/10 Sqrs of Plastering	3 8 "	Sqrs	1 " 9			
		3-3	1-6	-9	3 21/32		½ dressed stone flat to Vent						
		10-"	2-"	-9	15		Do Do for Covering Tunnels						
					18 21/32								
							6 Sft ½ dressed stone	6 "	Cft	6 15 11			
		15-9	5-"	6-"	472½		Excavating or Cutting bank						
		12-"	5-"	3-"	180		Filling						
					652½		6 Cft or 24 6 Cyds of Earth Work	" 2 "	Cyd	3 " 4	45 " 112		
							Superintendance and Sundries @ 10 ℔ Cent				4 15 1/4 10		
							Total Rupees				50 " "		
							Add for 112 98 others @ 50 Rs each				5600 4900 " "		
							Grand Total Rupees				5/30 4950 " "		

Certified that the above work is necessary for the Irrigation of the Taluq & that the Estimate is framed according to the Schedule of Rates sanctioned by Government.

Executive Engineer & Ex Officio Secretary to Collector

Certified that the above work is necessary for the Irrigation of the Taluq & that the Estimate is framed according to the Schedule of Rates sanctioned by Government.

Probable date of Commencement May 10/65 - Probable date of completion March 10/66

Executive Engineer & Ex Officio Secretary to Collector

Statement shewing the Number of small Irrigation Sluices required to be built on the Various Channels in the Caroor Taluq Caroor Range shewing those proposed for 1865/66.

Taluq	Name of Channels	Total required in each Channel	To be built in 1864/65	Proposed to be built in 1865/66 and 1866/67
Caroor	Chinna Dharapooram Channel	30	5	25
"	Pinjacalacoodchy do	10	4	6
"	Periya pooyaloor do	40	10	30
"	Nerbor do	10	4	6
"	Thandony do	8	3	5
"	Sara pretty do	10	4	6
"	Vongal do	12	"	12
"	Pitchamadary do	9	"	9
		129	30	99

In 1865-66 30 Sluices @ Rs 40 0 0
- 1866-67 33 " " " 1650
- 36 " " " 1800
99 5550

30 at Rs 86 = Rs 2580
99 " 50 " 4950

Caroor Range Office
Camp Dharapooram
15th November 1864

Checked

Executive Engineer
Superintendent
C. S. Office

Executive Agent

Collector

Asst to Collr Cy. Sub Collr

In Charge of Caroor Range

In a letter from the Asst Engineer of 1st Div to the Secy to Govt No 61 of 13th July 1865

WW 2604/65

Estimate of the probable expense for Constructing Irrigation Sluices proposed to be built on the Irrigation Channels in the Cauvery Taluq

Amt of Estn Rs 5,650

Prom 22d July 65 - Bk 552

No 22

Estimate of the probable expense for Constructing an Irrigation Sluice in the Dharapooram Taluq Caroor Range Coimbatore District

Taluq	Name of work	Measurement L	B	D	Cubical Contents	Superficial Contents	Particulars of Work	Price	Rate	Amount of each Article	Amount of each Work	Explanation of the necessity of work when last Estimated and at what Cost.	By whom Executed
Dharapooram	Constructing an Irrigation Sluice	3—7	1—3	2—0	8 23/24		Foundation to Head					There is all ground in the Taluq of Dharapooram which is very much distributing manure to any of the Irrigation works of this Taluq the lands are wet and the water allowed to run to waste thereby causing a great loss to the Government as the water now running to waste might be taken into cultivation & other grounds and increase of the Revenue of the Taluq. The Sluices are constantly requiring repairs. Commencement—May 1865. Probable date of Completion 100 Days	Executive Agent Carroor Range
		4—9	1—3	2—0	11 7/8		Do Do						
		4—9	1—3	2—0	11 7/8		Do to rear wall						
		10—0	3—7	0—3	8 23/24		Do to Tunnel						
							Superstructure						
		3—6	1—3	2—3	9 27/32		Head Front wall						
		5—0	1—3	2—3	14 1/16		Side walls to Vent						
		20—0	1—3	2—3	56 1/4		Side walls to Tunnel						
		3—6	1—3	2—3	9 27/32		Rear wall						
		13—9	1—0	1—3	17 9/16		Wall above tunnel						
		1—0	1—3	1—3	6 1/4		Front retaining wall						
		4—0	1—3	1—3	6 1/4		Rear Do						
					181 17/48								
		3—3	1—6	0—4	1 5/8		Deduction Stone to Vent						
					157 13/48		6 Cft. of Brick in Chunnam	3	3 6Cft	32	5 7		
							Plastering						
		3—0	5—0	0—0		15	Front Vent						
		3—9	4—0	0—0		15	Rear wall						
						30	5 Sft or 3/10 Cyds of Plastering	3	8 0 Cyds	1 0 9			
		3—3	1—6	0—9	3 21/32		½ dressed stone Slab to Vent						
		10—0	2—0	0—9	15		½ dressed Stone for Covering Tunnel						
					18 27/32		6 Cft ½ dressed stone	0	6 0 Cft	6	15 11		
		13—9	5—0	6—0	412½		Excavating or Cutting Earth						
		10—0	5—0	3—0	150		Filling						
					562½		6 Cft or 20 5/6 Cyds of Earth Work	0	2 0 Cyd.	2	9 8	42 15 11	
							Superintendance and Sundries @ 10 ℔ Cent					4 0 1	
							Total of Estimate Rupees					47	
							Add for 56 others @ 47 Rupees each					2632	
							Grand Total Rupees					2679	

2

5358 for 114 Sluices.

Statement shewing the Number of Small Irrigation Sluices required to be built on the Various Channels in the Dharapooram Taluq Carroor Range Coimbatore District shewing those proposed for 1865/66

Taluq	Name of Channels	Total Required in each Channel	Proposed to be built in 1865/66
Dharapooram	Colinjeevady Channel	34	17
"	Dharapooram do	30	15
"	Dolavoypatnam do	14	7
"	Alangkiem do	22	11
"	Sunjaitalliyoor do	14	7
		114	57

Carroor Range Office
Camp Dharapooram
7th November 1864

Checked

Collector

Executive Agent
In charge of Carroor Range

In a letter from the Asst
Engineer i/c Kilo Stores
to Govt. No 61 of 12 July 65

VV 2604/65

Estimate of the probable
expence for Constructing
an Irrigation Channel in
the Chunpamandi Talug
Cauvr Range Coimbatore
District

Amount of Estt Rs 5,358
Proc 22d July 65 - BP 583

C Rs 2604
2613-v

No. 2119

PUBLIC WORKS DEPARTMENT, MADRAS.

Application to the Government of India for a re-appropriation of Budget Grants Dated 22nd July 1865.

PROPOSED NEW GRANT.		PROPOSED REDUCTION.	
Particulars.	Amount.	Particulars.	Amount.
	Rs.		Rs.
Item No. 75 of the Budget	2708	Item No. 77 of the Budget	2708
Coimbatore - Opening a new line of road from the head of the Coonoor Ghaut to the Wellington Barracks	3500	Coimbatore - Repairs under "Communications"	3500

These works have been ordered to be proceeded with in anticipation of sanction

Charles H. Orr
Colonel, R. E.,
Secretary to Government.

ORDERS BY THE GOVERNMENT OF INDIA,

No. dated 18

Secy. to Govt. of India, P. W. Dept.

Sanctioned 24th July

14

2

PUBLIC WORKS 186 , DEPARTMENT.

No. 2118

From

The Secy. to the Govt. of Fort Saint George,

P. W. D.

To

The Secy. to the Govt. of India.

Dated 22d July 1865.

No.

Application to the Government of India for a re-appropriation of Budget Grants.

No. 584

c. 19 - 2nd/1565 - 22. 19d

Public Works Dept.

No 2118

Proceedings of the Madras Government

Under date the 22nd July 1865

Read the following

From the Supy Engineer 1st Dn.

Submits for sanction

Plans and Estimates of Rs 5,658 and 5,358 for Irrigation Sluices in the Talooks of Carroor & Dharapooram respectively.

(Rec'd enter 12th July 1865 No 61)

In his letter No. 25, dated 8th June 1864, the Superintending Engineer 4th Dn. requested sanction to an Estimate amounting to Rs 9,288 for the construction of 108 substituting Sluices on a number of irrigation Channels in the Carroor Taluq of the Coimbatore District, being at the rate of Rs 86 per Sluice. Colonel Walker

†Recorded in the Pro: of Govt No 1818 - 7/22d June/64

Carroor Range

proposed to build 30
of these Sluices during
the year 1864/65, and in
order to this, a sum of
Rupees 2580 was ap-
plied for, and was placed
at his disposal in G.O.
No 5398, dated 28th Nov/62 -
The balance of the Estimate,
viz Rupees 6708, was en-
tered in the Current
years Budget.

2. The Superintending
Engineer now reports that
it was found impracticable
to complete more than 16
Sluices during the first
Official year, and that
their

their actual cost by Rs.
10 22/, the Rs 22 per Sluice
less than anticipated
3rdly. The number of
Sluices remaining to be
completed on the 1st May
last on the Estimate re-
ferred to in para 1 was
therefore 92 - Colonel
Walker however proposes
to cancel this Estimate,
and to substitute for it
one submitted with the
foregoing letter which pro-
vides for the construction
of 113 Sluices (in addition
to those completed last
year) at a cost of Rs.
5650 being at the rate
Rs 50 per Sluice

We forwarded yesterday for
the sanction of the Budget for the
Estimate of Rupees 6708 as
above mentioned as follows -

See G. O. No 802 of
23rd March 65

To the Sluices for which the
Estimate of Rs 5650 is
now submitted ——— Rs 4000

To the Masonry Sluices for the
Thadapully Channel -
Item 75 of the Budget ——— 2708

4. The Governor in
Council sanctions the
Estimate for Rs 5650
and approves of the general
proposals made by Sir
Cull Walker, the appro-
priation of Rs 2708
to Item No 75 of the Budget
being

subject to the approval
of the Government of India
In the meantime the work may be
proceeded with -

His Excellency in
Council also sanctions the
Estimate amounting to Rs
5,358 for the construction
of 114 distribution Sluices
to the Channels in the
Tasor Range Dharapuram Taluq of the
Coimbatore District, and he
will be prepared to con-
sider any proposals
which the Superintending
Engineer may submit for
the diversion to these
works of a portion of this
allotment pleading to the
credit of Item 77 of
the Budget -

75 Engr y Dr
3 Accts Genl
4 Contr

24
4

Dated 24th July

Ordered

Ordered that the
following Tabular Statement
be submitted to the
Government of India.

F/S — No. 219 dated 22 July 1865.

P. W. 1866 Datd
P. No: of Govt. for Cloth

(1) P. 02118.

P. No: of the Mr. Govt
Dd. 22 July 1866

E.

Sanctioning the estimates amounting to Rs. 6500 for the construction of distribution sluices in the Cauvery & Shanmuganadi Tanks respectively, Coimbatore District.

No. 582. 583.

C. 19 & July 1866 Vol. 195