(1) Number of pages

(2) Date of repair

(3) Initials of the Referencer

TAMIL NADU ARCH

GOVERNMENT OF TAMIL NADU

P. W. DEP

G.O. No. ~~B.P. No.~~	2657 —	Press. ~~Mis.~~
Dated	7. 11. 1805	~~198~~

Not to be folded or roughly handled.

7th November 1885, No. 2657 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following letter from J. H. TAYLOR, Esq., Lieut., R.N.R., Mas
Attendant, Madras, to the Chief Secretary to Government, dated Madr
23rd September 1885, No. 7907 :—

In G.O., No. 305 W., dated 9th February 1885, the Government were pleased
sanction an estimate, amounting to Rs. 10,244, for constructing a boat jetty at the p
of Cannanore. Colonel Ross Thompson, R.E., Superintending Engineer, IV Circ
has now forwarded a revised estimate amounting to Rs. 12,130. It was found
carrying out the work that the cost of laterite in chunam exceeded the sum estimat
and that owing to the cement being so often washed away nearly double the quant
had to be provided ; a larger and more costly kind of stone was used, and no provisi
was made for beams and planks in the previous estimate. An excess of Rs. 1,8
was thus incurred, and I have the honor to solicit sanction to the same, the amou
being debited to Port funds.

2. The letter from the Superintending Engineer, IV Circle, No. 266 M., dated 6
September 1885, together with the estimate and other papers, are herewith submitte

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Enclosure.

From Colonel ROSS THOMPSON, R.E., Officiating Superintending Engineer, IV Circ
to the Master Attendant, Madras, dated Vayitri, 6th September 1885, No. 266 M.

I have the honor to forward, for transmission to Government for sanction, a revised estima
amounting to Rs. 12,130, for constructing a boat jetty at Cannanore, together with a pla
report and specification.

2. The cause of excess over the original estimate is explained in the report as well as in t
comparative statement accompanying.

3. A sum of Rs. 8,328 has been granted in G.O., No. 1659 W., dated 16th July last, an
I therefore request that a further allotment of Rs. 1,886 may be applied for in forwarding t
estimate.

No. 1758, Marine.

Approved and transferred to the Department of Public Works, with the remar
that, in the opinion of Government in this department, the reasons for an inadequat
estimate having been submitted in the first instance do not appear satisfactory.

(By Order.)

Ootacamund,
7th October 1885.

(Signed) J. D. REES,
Under Secretary.

Order—dated 7th November 1885, No. 2657 W., Public Works.

The revised estimate, amounting to Rs. 12,130, for constructing a boat jetty a
Cannanore, is sanctioned in supersession of the estimate of Rs. 10,244 sanctioned
in G.O., No. 305 W., dated 9th February 1885.

2. With advertence to the remarks in the Marine Department endorsement above recorded, it is observed that the original estimate only contemplated the provision of planking between the piers, and that the excess expenditure for which sanction is now asked is mainly due to an improvement in the design by carrying the planking over the masonry of the piers, which was not at first intended, but which adds greatly to the firmness of the structure, and has obtained approval in the Marine Department. The use of Portland cement accounts for the greater part of the remaining excess.

3. It is noticed that a two-ton crane, for which provision was made in the original estimate, cannot now be supplied as at first arranged.

4. The question of allotting the additional grant * required from Port funds will be considered in the Financial Department.

	RS.
* Works	1,886
Establishment	434
Tools and plant	19
Total ...	2,339

5. The sanction accorded in paragraph 1 of these proceedings has been registered as Local No. 21 W. of 1885-86, and classified as Miscellaneous Public Improvements, Original Works.

(True Extract.)

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

To the Superintending Engineer, IV Circle, with five enclosures.
" Examiner, Public Works Accounts, with abstract estimate.
" Marine Department.
" Financial "

Exd. J. Henricus.
Spare Copies

2/2657

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1885} Madras.

PUBLIC WORKS.

Dated November, 7th.

Recd. *Encl.*

G.O., 7th Nov. 1885, No. 2657 W.

NOVEMBER.

1

Boat Jetty at Cannanore

Orders sanctioning revised estimate for

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following papers :—

From the Superintending Engineer,	I Circle,	dated	27th	May	1885,	No.	C/56.
,,	,,	II ,,	,,	16th	,,	,,	,,	56 G.L.
,,	,,	IV ,,	,,	15th	,,	,,	,,	200 E.W.
,,	,,	V ,,	,,	15th	,,	,,	,,	649.
,,	,,	V ,,	,,	15th	,,	,,	,,	653.
,,	,,	VI ,,	,,	26th	,,	,,	,,	32 C/T.J.
,,	Consulting Architect to Government,		,,	11th	,,	,,	,,	191.

Order—dated 15th July 1885, No. 1659 W., Public Works.

In the papers read above, the Superintending Engineers and the Consulting Architect apply for funds under "Incorporated and Excluded Local Funds" on account of incomplete works of 1884-85, and new works and petty repairs proposed for execution during the current year.

2. The demands are as follow :—

	RS.
Incorporated Local Funds.	
Incomplete works, inclusive of establishment and tools and plant charges	11,077
Excluded Local Funds.	
Incomplete works and repairs, inclusive of establishment and tools and plant charges	34,212
Major works, new, do. do.	1,24,000
Total ...	1,69,289

3. A sum of Rs. 1,00,000, or Rs. 1,24,000 including charges for establishment and for tools and plant, is proposed to be spent on the construction of an iron pier at Gopálpur. As this work has been ordered to be executed on contract, provision of funds is necessary.

9/265

4. The reserve with Government, under Incorporated Local Funds, is Rs. 3,073. This amount is appropriated, as shown in the margin, towards meeting in part the demands now made; and the Financial Department will consider the question of allotting the difference, aggregating Rs. 1,66,216, and of placing the amount as early as practicable at the disposal of the Public Works Department.

Formation of a road along the left bank of Vennár, 52 to 58 miles, from road No. 39 to join road No. 90.

	RS.
Works	2,478
Establishment	570
Tools and plant	25
Total ...	3,073

(True Extract.)

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

To the Superintending Engineer, I Circle.
" " " II "
" " " IV "
" " " V "
" " " VI "
" Consulting Architect to Government.
" Examiner, Public Works Accounts.
" Financial Department.
" Marine "
" Revenue "

Exd. E. Fernandez.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of 1885 Madras.

PUBLIC WORKS.

Dated July, 15th.

Recd. *Encl.*

G.O., 15th July 1885, No. 1659 W.

JULY.

Funds

Orders on applications for —, under Incorporated and Excluded Local Funds, on account of incomplete works for 1884-85 and for minor new works and petty repairs to be carried out during 1885-86.

Appendix to G.O., No. 1659 *W., dated* 15*th July* 1885.

STATEMENT showing Incomplete Local Fund Works of 1884-85 and New Works sanctioned but not commenced requiring funds.

Division.	Item No.	Name of Work.	Amount of Estimate.	Number and Date of Sanction.	Past Expenditure.	Balance of Estimate.	Appropriation required.				Item No.	Remarks.
							For Work.	For Establishment.	For Tools and Plant.	Total.		
1	2	3	4	5	6	7	8	9	10	11	12	13
		LOCAL INCORPORATED.										
			RS.		RS.	RS.	RS.	RS.	RS.	RS.		
Godávari Eastern.	1	Constructing an iron lattice girder bridge at Venkatakrishnapuram lock, Sámalkót canal.	5,550	1976 W., dated 12th August 1884.	1,106	4,444	4,444	1,022	44	5,510	1	
Tanjore ..	2	Formation of a road along the left bank of Vennar, 52 to 58 miles, from road No. 39 to join road No. 90.	8,423	....	4,721	3,702	1,224	2[illegible]	12	(a) 1,517	2	(a) Rs. 3,073 provided from reserve.
Tinnevelly ..	3	Raising the right bank of the Athur channel	1,864	2445 W., dated 3rd October 1884, and 87 W., dated 10th Jan. 1885.	1,076	788	788	181	8	977	3	
		Total ..	..	....	..	..	6,456	1,484	64	8,004		
		LOCAL EXCLUDED.										
		Port Fund.										
Ganjam ..	1	Iron pier at Gopálpur	2,30,903	3069 W., dated 13th December 1884.	..	2,30,903	1,00,000	23,000	1,000	1,24,000	1	
Vizagapatam ..	2	Repairs to Santapilly light-house	..	....	..	..	50	12	1	63	2	
Buckingham Canal.	3	Lump sum for minor works, miscellaneous public improvements.	..	....	..	..	2,000	460	20	2,480	3	
Do. ..	4	Lump sum for repairs do. do.	..	....	..	..	1,500	345	15	1,860	4	
Godávari, Eastern.	5	Improvements to Marine Villa at Cocanada	7,700	2773 W., dated 6th Nov. 1884.	4,894	2,806	2,806	645	28	3,479	5	
West Coast ..	6	Constructing a boat jetty at the port of Cannanore ..	10,244	305 W., dated 9th Feb. 1885.	1,916	8,328	8,328	1,915	83	10,326	6	
Do. ..	7	Constructing groynes and rebuilding revetment for the town of Ponáni.	4,175	2492 W., dated 8th Oct. 1884, and 442 W., dated 25th Feb. 1885.	486	3,689	3,689	848	37	4,574	7	
Presidency ..	8	Constructing a store-shed for the storage of petroleum and other combustibles on the beach south of the Madras harbour.	8,140	9 W., dated 5th Jan. 1885, and 270 W., dated 4th Feb. 1885.	2,705	5,435	5,435	1,250	54	6,739	8	
		Total, Port Funds ..	..	....	..	..	1,23,808	28,475	1,238	1,53,521		
		University Fee Fund.										
Architect ..	9	Providing an office for the assistant registrar and improving the ventilators of the tower of the Senate House.	1,036	Registrar's No. 3, dated 9th April 1885.	152	884	884	203	9	1,096	9	
Do. ..	10	Closing the vaults of do.	2,600	Do. No. 324, dated 21st Jan. 1885.	941	1,659	1,659	382	17	2,058	10	
Do. ..	11	Repairs to do.	1,264	Do. No. 3, dated 9th April 1885.	24	1,240	1,240	285	12	1,537	11	
		Total, University Fee Fund ..	..	....	..	..	3,783	870	38	4,691		
		Total, Excluded Local ..	..	....								

8/26

Inform the Marine Dept. that the original Estimate was complete & only contemplated planking between the piers.

The Cause of Excess is not it appears so much to due ~~to a~~ omissions ~~but to~~ as an obvious improvement in the Jetty by carrying the planking over the masonry of the piers which was not at first intended but has obtained the approval of your Dept. & adds greatly to the firmness of the structure.

The cost of Portland Cement accounts for the

of No: 8328

A 2 ton Crane
including fixing
it has to be noticed
Could not be provided
as at present arranged

Note 285

The Colo Engr P.W. Dept has the honor to return the accompanying revised estimate for the Canna-nore jetty to the Marine Dept with a request that the ~~[illegible]~~ necessity ~~[illegible]~~ the introduction of beams and planking over the masonry of the piers, and the provision of timber ribbon pieces ~~or heavy scantling~~ ~~may be stated~~ as ~~[illegible]~~ they were not ~~[illegible]~~ in ~~[illegible]~~ the original ~~sanctioned Estimate~~

He also desires to draw attention to the omission of the 2 ton crane from the revised estimate for which provision had been made in the original

WH

B.H. Feb. 15th 1885

of No: 8328

S.A.W. 8/285

In reporting on the revised estimate, I should furnish explanation on the points noticed by W. –

In the draft order too, we shall have to say something about reasons for revision being unsatisfactory. –

Cu
8/VII/85

of Rs: 8328 na

So far as I understand the report on revised estimate, the reasons assigned for the increase seem unsatisfactory.

One point especially seems to require explanation. It is stated that the original estimate contained no allowance for "beams or planks over the piers".

How was this allowed to escape notice, — especially when estimate was examined in T. branch?

W.

8.10.85

of Rs: 8328

W.

10/

Your pencil note against last part of para 2 of the accompanying draft order.

The attached note by the Technical branch shows that the excess due to the use of cement is Rs 1075 - The parts of the structure in which it is to be used are also shown.

Ch
3.11.85

Noted
7/11

of Rs: 8328

1

No. 106
M.

MASTER ATTENDANT'S [illegible] DEPT.
9 SEP 85
MADRAS.

12/265

Supg. Engineer's Office,
Camp Vayitri 6th. Sep

From
The Offg. Supg. Engin
Fourth

To
The Master Attend
Administrative
Madra

Sir,

Enclosures 6.
1 Plan.
1 Estimate
1 Report
1 Specification
1 Comparative Statement
1 Data
6

I have the honor to fo
for transmission to Govern
for sanction, a revised esti
amounting to Rs: 12,130 for c
-structing a boat jetty at Ca
-nore; together with a plan
port and specification.

2. The cause of excess over
orginal estimate is explain
in the report, as well as in t
Comparative statement, accomp
-ing.

3. A sum of

been granted in G.O. No: 1659.W. dated 16th July last; and I therefore request that a further allotment of Rs: 1886 may be applied for in forwarding the Estimate.

I have the honor to be,
Sir,
Your most Obedt: servant,

R. W. Thompson Col. R.E.,
Offg: Supg: Engineer, 4th Circle.

No 6633 9/1885

From

The Offg Supdg Engineer
IV Circle

Dated Sept 6th 1885
Recd " 9th "

OW No 2/8869/85

No 266/M

Forwards for transmission to Govt for sanction a revised estimate amtg to Rs 12130 for constructing a boat jetty at Cannanore.

Administrative Department.

14/285

No. 7907/

25 S

From

J. H. TAYLOR, Esq., Lieut., R.N.R.,
Master Attendan
Administrati

To

The Secretary to Government
Revenue
for the Chief Secretary to Government,
Marine Depa

Sir,

In G. O. No 305 W, dated
1885, the Government were pleased to
an estimate amounting to Rupees (10,244
thousand two hundred and forty four, f
=ing a boat jetty at the port of Cann
Colonel Ross Thompson R. E. Superin
Engineer, 4th Circle, has now forwarded
estimate amounting to Rupees (12,130) twelve
one hundred and thirty. It was found i
out the work that the cost of laterit
chunam exceeded the sum estimated [for,
owing to the cement being so often wash
nearly double the quantity had to be p
a larger and more costly kind of stone

in the previous estimate. An excess of Rupees (1886) one thousand eight hundred and eighty six was thus incurred, and I have the honor to solicit sanction to the same, the amount being debited to Port Funds.

2 The letter from the Superintending Engineer, 4th Circle, No. 266, dated September 6th 1885, together with the estimate and other papers are herewith submitted.

Od 1/8849 R

I have the honor to be
Sir
Your most Obedt Servant
J W Taylor
Master Attendant
Administrative Department

MM

Mari

Reference on No. 705 of 188

In replying the above should be quoted.

CHIEF SECRETARIAT, MADRAS.

READ the following

Letter from the Master
Administrative Depar
Madras, no. 7907 dated
September, 1885.

No. 1758, Dated 7 Octo

Approved and
to the Department of P
with the remark that i
opinion of Government
Department the reason
inadequate estimate h
been submitted in the p
instance do not appear
-factory

(By order)

A
Circ

15/259 No. 2659W.

PUBLIC W

PROCEEDINGS OF THE MADRAS GOVER

UNDER date the

Letter from the S.E. IV Circle, (P.E. No. 266

" " Master Attendant " No. 790

Endorsement thereon by the Marine Dept. ...

5

The revise
amounting to R
constructing a bo
Cannanore, is sa
in supersession of
of Rs 10.244 sanc
G.O. No. 305W, d/ 9

2. With adver
remarks in the
Depart: endorsem
recorded, it is obse
the original estim
contemplated the
of planking betw
piers, ~~the canno~~ an

is ~~only, it appears,~~ mainly due ~~[illegible] to omissions in the original estimate, an~~ to an ~~[illegible]~~ improvement in the ~~plan~~ design by carrying the planking over the masonry of the piers, which was not at first intended, but which adds greatly to the firmness of the structure, and has obtained approval in the Marine Departt. The ~~cost~~ use of Portland Cement accounts for the greater part of the remaining excess.

3 It is noticed that a two-ton Crane, for which provision was made in the original estimate, cannot now be supplied as at first arranged.

4 The question of allotting the additional grant* required from Port Funds will be considered in the Financial Department.

*Works	Rs	1886
Estabt.	"	434
Tools & Plants	"	19
Total Rs		2339

---

accorded in

these Proceedi

be so registere

No. 21 W of 18

Classified as

Public Impr

original Wo

Oct. 19. 1885

W.
4-11-85

W.S.
4·11·83

D
19/11

To
The Supdg Engineer IV Circle
with five enclosures

to E. P.W.A. with abstract
Estimate

to Marine Department

to Financial De

18/2857

8849

Govt. of 1885 Madras.

PUBLIC WORKS.

Dated 10/11/85.

Recd. Encl.

G.O., 7 Nov 1885, No. 2657

Boat Jetty at [illegible]

=

Orders sanctg revised Estimate for a ——

60/5