M.R.O. 1—4,002—16 9-48.

(1) Number of pages_____

(2) Date of repair_____

(3) Initials of the Referencer_____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No. 86/87 (W)		Press
~~B.P. No.~~		~~Mis.~~
Dated 16-5-	1877.	

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

16th May 1877, No. 87 W.

Buildings and Roads.

Account.

Read the following papers:—

No. 165. From Major J. G. STEEL, R.E., Under Secretary to the Government of India, Public Works Department, (Account—General,) to the Secretary to the Government of Madras, Public Works Department, dated Fort William, 2nd April 1877, No. 303 A—G.

I AM directed to acknowledge receipt of your letter No. 275, dated 27th January 1877, and in reply to forward herewith, for information and guidance, the orders passed on Madras Imperial Public Works Budget Estimate for 1877-78.

MADRAS PUBLIC WORKS BUDGET ORDERS, 1877-78.

THE Madras Imperial Public Works Budget Estimate has been framed for a total of Rupees 8,37,057; but, as the grant allowed is only Rupees 8,37,000, it will be necessary to reduce the amount by Rupees 57, which will be done from Other Services under Civil Buildings.

2. Another modification necessary in the Budget Estimate is to transfer the provision of Rupees 24,270 for roads in connection with salt mines from Communications to Civil Buildings. All works in connection with salt works are placed under Civil Buildings, and, if a portion of the expenditure is recorded under Communications, it will be difficult to ascertain the total outlay on salt works so that the modification made is necessary.

3. With these modifications the Madras Budget Estimate for 1877-78 will stand as follows as compared with the grant of 1876-77 and the outlay of the three previous years:—

	Budget Estimate, 1877-78.	Grant, 1876-77.	Outlay, 1875-76.	Outlay, 1874-75.	Outlay, 1873-74.
	RS.	RS.	RS.	RS.	RS.
MILITARY—					
Major Works	2,42,320	2,95,000	...	...	...
Minor „	1,14,680	84,000	...	...	...
	3,57,000	3,79,000	3,87,160	3,28,534	2,69,460
Repairs	2,50,000	2,50,000	2,60,590	2,32,218	2,59,700
Establishment	1,52,000	1,57,000	1,61,940	1,46,350	1,19,000
Tools and Plant	16,000	14,000	23,610	28,078	15,100
Stock and Suspense	—25,000	—50,000	—2,080	26,000	74,260
	7,50,000	7,50,000	8,31,220	7,61,180	7,37,600
OTHER SERVICES—					
Civil Buildings {Works ...	48,763	73,200	13,320	28,630	21,050
Civil Buildings {Repairs ...	18,000	6,000	6,210	4,710	4,000
Miscellaneous Public Improvements {Works ...	1,000	...	4,280	...	...
Miscellaneous Public Improvements {Repairs ...	1,000	...	2,620	...	...
Establishment	17,205	19,750	11,610	16,160	5,910
Tools and Plant	1,032	1,550	850	2,770	710
Stock	...	...	—34,050	5,690	870
	87,000	1,00,500	4,840	57,960	32,540
Grand Total ...	8,37,000	8,50,500	8,36,060	8,19,140	7,70,140

4. The provision for Original Works, Military, may be analysed as follows :—

	No. of Works.	Amount of Estimate.	Computed Expenditure to end of 1876-77.	Grant, 1877-78.
		Rs.	Rs.	Rs.
Works in progress—				
I.—Provision for works in progress, the grants for which will suffice for their completion in 1877-78	6	3,18,608	2,03,752	1,12,700
New Works—				
II.—Provision for works, the grants for which will be sufficient for their completion in 1877-78	4	78,775	...	77,120
III.—Provision for works, the grants for which will be insufficient for their completion in 1877-78	...	2,68,370	...	40,000
IV.—Minor Works	...	...	...	1,14,680
				3,44,500
V.—Works for which there are no estimates ...	1	...	...	12,500
				3,57,000

5. Under group II, the only item of importance is the provision of Rupees 50,000 for the purchase of ground for the construction of a new set of lines for Native Infantry Regiment at Poodoopett in Madras. The charge has been admitted to be a Public Works one, and the construction of new lines has been recognized by Government of India in the Military Department to be an urgent want, for which funds should be provided as early as possible. But the complete estimate showing the entire cost of the work is wanting, and should be prepared and dealt with under the rules in force as soon as possible.

6. Under group III comes the work of providing double-storeyed barracks for 200 men, and barracks for 30 families at Poonamallee. Estimated to cost Rupees 2,68,570 the grant of Rupees 40,000 will admit of only one-sixth of the work being completed. The estimate has been approved of by the Government of India, subject to provision of funds; but before passing orders as to the final admission of the work into the Budget, the Government of India would be glad to know whether it would not be preferable to devote the whole or a portion of the proposed allotment to the additional group of incorporating mills for the Gun Powder Factory at Madras for which the Military Department in its endorsement No. 448, dated 7th April 1876, asked that provision might be made.

7. It is observed that, under Major Works, there are only three entries, viz., 14, 15, and 16, aggregating in amount Rupees 19,000 for projects relating to water-supply, drainage and general sanitary improvements. The Government of India trusts that works of this important class are receiving their full share of attention, and that a considerable proportion of the allotment for "Minor Works" will be devoted to them.

8. The decrease of stock under Military is expected to be Rupees 25,000. But the Budget contains no list of the works, the grants for which should be reduced in case the decrease does not occur. The Government of India request that the items to be reduced in such a case may be selected, and that no expenditure on them be allowed until the decrease does occur.

9. Under Civil Buildings of the provision of Rupees 48,763 for Original Works, Rupees 19,920 is for Minor Works, Rupees 10,000 for a Telegraph Office at Ootacamund, Rupees 3,000 for additions to Post Office at the same place, and the balance for salt works.

	Rs.
Postal	8,550
Telegraph	3,000
Salt	8,370
	19,920

10. The provision for salt works is—

	Estimate.	Grant.
	Rs.	Rs.
Road from Trunk road to salt platform at Tirumalapenta ...	23,580	5,000
Completing Palayaukal catch drain	6,980	3,900
Improving the Vadarniem canal	No estimate	7,000

11. As regards the last work, information is necessary why any portion of its cost is debited to the grant for salt works, since the cost of similar works is debited to either Provincial or Imperial according as the work is one of communications or of irrigation.

12. Again under Repairs there is a provision of Rupees 5,000 for the maintenance of the same canal, and of Rupees 7,000 "for Imperial share of maintenance of East Coast Canal." The East Coast Canal, however, is a Provincial and Local Fund Work, and the provision of Rupees 7,000 for its repairs, from the salt grant, virtually amounts to a grant-in-aid to Provincial Funds. Probably there may be good reasons for this grant, but the facts are required to be known, and the Government of India would feel obliged for information as to the reasons which led to the provision for maintenance for both the canals being made from the Ordinary grant for Imperial Civil Works.

13. A question also arises as to whether the roads branching off from the Trunk roads and leading to the Salt Pans should not be provided for from Provincial funds. The Government of India would be glad to receive an expression of the views of the Government of Madras on this point.

14. The works in Class C list are 15 in number. The most important of these are :—

	Rs.
Stabling for 182 horses, Bangalore	33,610
" for 220 " "	42,920
Third pavilion for Race-course Hospital, Bangalore	78,970
Garrison Gymnasium, Bangalore	44,600
Stone-wall enclosure round Military Prison, Bangalore	22,100
Drainage of Barracks, Bangalore	40,400
Waterloo Bridge at Wellington	17,870

15. As it is undesirable to incur large liabilities at present, the Government of India prefer to strike out the items detailed above so as to avoid the chance of their being commenced without sufficient allotments. On the Garrison Gymnasium at Bangalore, it is reported that it is likely that there will be an expenditure of Rupees 2,342 during the current official year. If so, it is not apparent why provision for going on with the work is not made for next year. The necessity for the Waterloo Bridge at Wellington requires explanation.

16. The Budget has been prepared according to the new form and arrangements, but there are the following points calling for notice :—

I.—Item 3.—Converting No. 1 range family quarters into a guard-room and lock-up is treated as a portion of the project for barracks for European Infantry at Cannanore. But the work is one of those items the construction of which is undertaken in the ordinary course, and should therefore be treated as a distinct work of itself, and the grant placed under "Normal." The same remark applies to the case of Item No. 4, new roofs to verandahs of barracks, Bellary.

II.—The grant of Rupees 4,290 for three latrines for Native Infantry at Bellary is placed under "Special." The item is obviously a normal item of expenditure, and should be placed accordingly.

ESTIMATE OF IMPERIAL PUBLIC WORKS REVENUE.

17. The estimate is accepted for Rupees 74,500, the Regular Estimate of 1876-77 being Rupees 71,850.

FORT WILLIAM,
2nd April 1877.

(Signed) W. A. CROMMELIN, Major-Genl., R.E.,
Secretary to the Govt. of India.

No. 185-A. Endorsement of the Secretary to Government, Military Department, dated Fort St. George, 9th May 1877, No. 2,769.

Telegram from Colonel CLERK, Ootacamund, to Colonel J. MICHAEL, Secretary to Government, Military Department, dated Madras, 7th May 1877.

HIS EXCELLENCY consents to Poonamallee allotment being transferred Powder Mills.

TRANSFERRED to the Public Works Department.

(By order.)

(Signed) J. MICHAEL, Colonel.
Secy. to Govt., Mily. Dept.

No. 166. ORDER THEREON, 16th May 1877, No. 86 W.

ORDERED that the Budget as amended by these orders be communicated to all officers concerned for information and guidance.

2. Adverting to paragraph 5 of the orders of the Government of India the District Engineer, Presidency, will expedite the submission of complete plans and estimates for the construction of new lines for a Regiment of Native Infantry at Poodoopett, arranging meanwhile for the purchase of the site for which a provision of Rupees 50,000 has been made in the Public Works Budget Estimate. The Military Department will provide the sum of Rupees 28,345 debitable to that department on account of land.—*Vide* G.O., No. 3,276, dated 4th December 1876.

3. In reference to paragraph 6 His Excellency the Commander-in-Chief having expressed his concurrence in the postponement of the construction of the Poonamallee Barracks, the funds provided in Items Nos. 7 to 11* will be diverted to the additional group of incorporating mills for the Gun Powder Factory at Madras.

* Preliminary Issue.

4. The attention of District Engineers and of the Military Department is called to paragraph 7. Works of the class mentioned will be held to have a prior claim to appropriation of funds at the disposal of Government, and they should be specially brought forward with this view by the officers concerned.

5. The course indicated in paragraph 8 as to selection of works will in future be adopted in the preparation of budgets. For the current year a sum of Rupees 25,000 will be held at the disposal of Government from the grant for Minor Works till the anticipated reductions of stock balances are placed beyond doubt. The Examiner will report on this subject in due course.

6. With reference to paragraphs 11 and 12 the Government of India will be furnished with a separate note showing the reasons which have led this Government to provide for the works in question from the grant for Imperial Works under Salt. Meanwhile the District Engineer, Tanjore, will expedite the plans and estimates called for in paragraph 8 of G.O., No. 2,507, dated 19th September 1876.

7. The Board of Revenue will be requested in the Financial Department to favor the Government with their views on the suggestion made by the Government of India in paragraph 13.

8. It is remarked with reference to paragraph 15 that the expenditure of Rupees 2,342 on the Garrison Gymnasium at Bangalore was incurred from the appropriation made in the Budget of 1876-77, but that it was subsequently decided to postpone the work; the balance of funds being surrendered to the Government of India in compliance with the urgent call made for restriction of outlay on Imperial Public Works. The Government of India will have since learnt from docket No. 963, dated 20th March 1877, that their proposal to continue the work was received too late to admit of its further prosecution during 1876-77.

9. The necessity for the reconstruction of the Waterloo bridge at Wellington has been long recognized, but the work has been postponed in favor of other works of more pressing importance and of greater general utility. The danger of [illegible] rapid nullah by the existing ford has, however, recently been brought prominently to the notice of the Governor in Council [illegible] a Soldier of the 16th Lancers

met his death from the effects of a fall while attempting the passage, and it has been represented that this is not the first fatal accident that has occurred at the same place. The proposed bridge will facilitate communication between the Barracks, Wellington bazaar and Coonoor on the one hand, and Ootacamund on the other.

(True Extract.)

(Signed) E. A. FOORD, Colonel, R.E.,
Secretary to Government, P.W.D.

No. 167. DOCKET No. 87 W, dated 16th May 1877.

COPY of the above forwarded to the Government of India.

(True Extract.)

Colonel, R.E.,
Secretary to Govt., P.W.D.

Exd. E. C. Shunker.

Spare Copies

Current No. 3726.

Papers in File

Original of G.O. No 2806 of 18th Octr 1876.
" 752 of 5 March 1877.
" 275 } of 27 Jany "
" 274 }
" 1241 " 18th May 1876
" 1101 " 3 May "

Poodoopett Lines.

Mis No. 133 of 12th March 1877.
" 3277 of 4 Decr 1876.
Mis " 69 of 11 Novr "
" 2967 of 4 " "
" 2962 of 3 " "
" 1896 } of 25 July "
" 1895 }
Mis " 117 of 19 July "
Mis " 23 of 3d June "
" 1316 of 20 May "

Waterloo Bridge

Chief Engineers No. 282 of . Feb 1877.
26th Aug 1876 No. 64.
12 Sept 1874 " 4 .. Mis:
18th Decr 1872 " 3010.
19th May 1868 " 1596.

Poonamallee Barracks—

20th March 1877 No 967.
8 Feb " " 452.
23 Novr 1876 3148.
" " 3149 }
22 Aug " 2221. 2220.

Bangalore Gymnasium.

20th March 1877. No. 963.
9th Dec 1876. " 3346.
21 June " " 1560.
12 Feb " " " 115.

Bellary Water Project

16th Aug 1876. No. 2134.
26 Feb 1876 No 538.
13 Oct 1875 " 2925.
10 July " " 1962. 1961.
5 " " " 1904.
4 Feby " " 317.
5 Jany " " 16 Mis.
5 Novr 1874 " 3151. 3150
4 Nov " " 3141.
2 " " " 3118.
2 " " " 9. Mis
24 " 1873 " 2838.
18 Octr " " 2579.
25 Aug " " 2115.
21 Apl " " 180 Mis
11 March " " 769.
19 Apl " " 1138.
27 Febr " " 635.

East Coast Canal 28th Jan 1873 No 274.

Vadraniere Canal

No 363 of 29th Jan 1877.
" 266 of 23 " "
" 2507 of 19 Dec 1876
" 1670 of 3 July "

Preliminary Issue of Budget.

P.W.D
10. APR. 77.
№ 3726.

List of Papers
in
File

Queen's Park
Jany. 1877.

My dear Michael

Shewe just been
a letter from Dover
expressing delight
at the prospect of
Factory traverse
work for his patients

John Lee.

1.5.77. M. Lovell

[illegible] approves
[illegible] Plans for of
[illegible] of the
[illegible] Trip - Tut-
[illegible] & Committee
[illegible] ville Chamber.
[illegible] nay's Views
[illegible] Col- Eyre.

The Duke did not wish

G.O. 16 Jany/55 Sess. 165

P.W.D
10. APR. 77.
№ 3726.

List of Papers
in
File

Jamieson Parts
2nd January. 1877.

My dear Sir Richard

His Grace approves the proposed transfer of [illegible] in favour of the [illegible] shipping clerk at Lothian Bridge - Mr [illegible] at Cutting Jamieson of Lothian transmits work for his patients

Yours truly.

1.5.77. R. Macdonald

[illegible] ville Chamber. [illegible] nay's views [illegible] of Office.

The Duke and Lord Wodehouse

3. 16 Mar 77 Lbk. 165

P.W. D
10. APR. 77.

515

ras
rtment
77.
275-
nation
Public Wor
dia.

0.16

P.W.D
10. APR. 77.

Former papers.

MILITARY (1877) DEPARTMENT.

P.W.D
9/77

No. 2812

Telegram

From

The Military Secy to H.E. the Comdr in Chief

No.

Dated 7 May

Recd. 7 May

Registered ..

Enclosures.

Fort St George
9th May 1877.

No 2769 Transferred to the Public Works Department.

(By order)

Assistant Colonel.
Secretary to Govt.

P. G., No. dated

Conveying H.E.'s Consent of H.E. to Bonamallee allotment being transferred to Gunpowder mills.

No. 1652

G.O.I.

No. 303 A. G.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

ACCOUNT.

General

To

THE Secretary to the Govt of Madras
P. W. Department.

Fort William, ~~March~~ April 2nd, 1877.

SIR,

I am directed to acknowledge receipt of your letter No. 275 dated 27th January/77 and in reply to forward herewith, for information and guidance, the orders passed on Madras Imperial Public Works Budget-Estimate for 1877-78.

I have the honor to be,
SIR,
Your most obedient Servant,

John Strachey Major R.E.
Secy. to the Govt. of India.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

ACCOUNT.

P.W.D.

10APR77

To

The № 3720

No. 303 A. of

Dated ~~March~~ April 2 1877.

Received

Encloses Orders ✓

Forwards orders passed on the Budget-Estimate of for 1877-78.

No. 259, P. W.D. Press—21-2-77—100.

Public Works Department

№ 86 W

Proceedings of the Madras Government

under date the 16th May 1877

Read the following

Pro: of the Govt of India Military Dept. (W.D. № 303 A. dd 2nd April 1877)

(H.E. № 2769 dd 9th May)

Ordered that the Budget as amended by these orders be communicated to all officers concerned for information and guidance.

Adverting to paragraph 5 of the orders of the Govt of India the District Engineer Presidency will expedite the submission of complete plans and estimates for the construction of new lines for a Regiment of Native Infantry at Poodapetti, arranging meanwhile for the purchase of the site for which a provision of Rs 50000 has been made in the Public Works Budget Estimate. The Military Department will provide the sum of Rs 28345 debitable to that Dept.

rtinent on account of
sands. Vide G.O. No. 3276 dated
6th December 1876.

In reference to paragraph
6, the orders of the 20th
March 1877. No: 967 will be
held in abeyance, and
His Excellency the Comman-
der-in-Chief will be
requested in the Military
Department to report as
early as practicable on the
suggestion of the Government
of India to postpone the
Barracks at Poonamallee
in favor of the additional
group of Incorporating Mills
for the Gun Powder Factory
at Madras. In the event
of the suggestion being
recommended for adoption
it should be stated what
prospect there is of the sum
of Rs 40,000 being utilized
during the current year
on the Factory Buildings,
having in view the time
required for the preparation
and sanction of the plans
and estimates.

The attention of
District Engineers and of
the Military Department
is called to paragraphs 4

Vide

In reference to para 6 His
Excellency the Commander-in-Chief
having expressed his concurrence in
the postponement of the construction
of the Poonamallee Barracks, the
funds provided in Items Nos 9 to 11
will be diverted to the additional
group of Incorporating Mills
for the Gun Powder Factory at
Madras. WHy
14.5.77 CMT

will be held to have a
claim to appropriation of
funds at the disposal of
Government, and they should
be specially brought forward
with this view by the officers
concerned.

The course indicated in
paragraph 8 as to selection of
works will in future be
adopted in the preparation
of budgets. For the current
year a sum of Rs 35,000 will
be held at the disposal
of Government from the
grant for Minor works till
the anticipated reductions
of stock balances are
placed beyond doubt.
Examiner will report on
this subject in due course.

With reference to para-
graphs 11 & 12 the Government
of India will be furnished
with a separate note
showing the reasons which
have led this Government
to provide for the works in
question from the grant for
Imperial ~~Civil Buildings~~
Works under Salt. Meanwhile
the District Engineer Tanjore
will expedite the plans and
estimates called for in
paragraph

to — by g. D. No: 2507
dated 19 September 1876.

The Board of Revenue will be requested to favor the Financial Department with their views on the suggestion made by the Government of India in paragraph 13.

It is remarked with reference to paragraph 15 that the expenditure of Rs 2342 on the Garrison Gymnasium at Bangalore was incurred from the appropriation made in the Budget of 1876-77, but that it was subsequently decided to postpone the works; the balance of funds being surrendered to the Govt of India in compliance with the urgent call made for restriction of outlay on Imperial Public Works. The Govt of India will have since learnt from Docket No: 963 dated 20 March 1877 that their proposal to continue the work was received too late to admit of its further prosecution during 1876-77.

The necessity for the reconstruction of the Waterloo Bridge

the Bridge at Wellington has been long recognized, but the work has been postponed in favor of other works of more pressing importance and of greater general utility. The danger of crossing the rapid Nullah by the existing ford has however recently been brought prominently to the notice of the Governor in Council. In August last a Soldier of the 16th Lancers met his death from the effects of a fall while attempting the passage and it has been represented that this is not the first fatal accident that has occurred at the same place. The proposed bridge will facilitate communication between the Barracks, Wellington Bazaar, and Coonoor on the one hand, and Dotacamund on the other.

St. Engrs.
Ex: Pleet — 4 copies of Budget
Com: Architect-2 " — "
Milsept — 14 " — "
Jail Sept — 6 " — "
Rev Sept
B. of Rev: — 91 — —
Acct. Genl: 3 — —
P M Genl: 2 — —
Sap: Pbl: Desp-8-6.77

15 copies of Budget &
5 " of order sent to Simla
35 " " &
20 copies " order sent to Calcutta

H. C. No 87 Wks
16th May/77

Copy of the above forwarded to the Government of India.

Simla 23/4/77 EHT

Records

Cabt. of 1877 Stationery.

PUBLIC WORKS.

To District Engineers-

Dated

Issued

Recd. Encl.

C. O., 16th May 1877, No. 86 & 87 L

Nos. 165-166-167

Suspended Public Works

Budget Estimates for

1877-78 as amended by the

orders of the Govt of India

Circulated to all Officers

Concerned for information

& guidance.

Forwarding Copy of Resolution

on the Suspended Public

Works Budget Estimates for

1877-78