

- (1) பக்கங்களின் எண்ணிக்கை 14
(2) புதுக்கித் திருப்பிய நாள் 16.10.90
(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் Pen

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

PWD துறை

53

அரசாணை எண். மு. கோப்புத் தாள் எண்.	3178	அச்சகம் பலவகை
நாள் :	26-11-1891	198

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

17 Sheet

ஆவண. கா-1-18,006-75-6-87.

Pen

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following paper:—

From Brigadier-General E. H. EYRE, Quartermaster-General, Madras Army, to the Secretary to Government, Military Department, dated Ootacamund, 2nd November 1891, No. 2426 M.W.

With reference to Proceedings of Government No. 198 of 10th January 1890 (Public Works Department No. 3645 W. of 21st December 1889), I am desired by

Letter No. 8202 of 2nd October 1891, with two enclosures, from Chief Engineer, Military Works.

Quartermaster-General's minute No. 2261 M.W. of 8th October 1891 to Chief Engineer, Military Works.

Chief Engineer, Military Works, No. 8626 of 20th October 1891.

the Commander-in-Chief to submit, for the favorable consideration and orders of Government, the marginally-noted correspondence containing a proposal that all the military stations comprised in the Madras Presidency now administered by the Public Works Department be transferred to the control of the Military Works Department and to state that, for

the reasons therein adduced, His Excellency recommends that Government may be pleased to accord their approval to the above proposal, as he considers it very desirable that all stations in this command should be brought within the sphere of the operations of the Military Works Department and the present dual system of control over military buildings thus done away with.

2. Should the Madras Government be pleased to accord their general sanction to the above proposals, it will be communicated to the Director-General, Military Works, in view to a detailed scheme for giving effect to the same being submitted for the orders of the Government of India.

ENCLOSURES.

From Colonel B. LOVETT, R.E., Chief Engineer, Military Works, Madras Command, to the Quartermaster-General, Madras Army, dated Ootacamund, 2nd October 1891, No. 8202. (1)

[Formation of a new Military Works division.]

I have the sanction of the Director-General contained in his No. 4110 A., dated 10th September, to lay certain proposals for a redistribution of duties in this command for the approval of His Excellency the Commander-in-Chief and the consideration of the Government of Madras before they can be submitted by the Director-General of Military Works for the orders of the Government of India. I have therefore the honour to report that, after inspecting the Madras Division of Military Works, which comprises the Madras and Southern Military districts, I concur with my predecessor Colonel Tomkins in thinking it too extensive and unwieldy to be administered with success by one Executive Engineer, however much his staff may be increased.

2. Matters that require personal attention by the Executive Engineer to the exclusion of his assistants are so numerous in connection with one military district that when two are under his administration attention cannot be given to the work that is expected. For instance, none of the stations of Calicut, Cannanore and Malapuram, at each of which there is a detachment of British troops and at Cannanore a fort, have yet been visited by the Executive Engineer, Madras Division. It is simply impossible for him to look after works at these stations on the West Coast without prejudice to his work at Wellington and on the East Coast. What I propose for the

approval of His Excellency is that the Madras Division Military Works should be confined to the Madras Military district and a new division created to be called the Southern Division Military Works. The head-quarters would conveniently be at Wellington not only on account of climate and central position but also because it is the head-quarters of the military district. It is there that our chief expenditure will take place and it would be a convenient station for the manufacture of barrack furniture for use at Wellington, Malapuram, Calicut and Cannanore. The Executive Engineer, Southern Division Military Works, would also have to look after the military staff buildings at Ootacamund and other stations, such as Trichinopoly. The financial result of this proposal is that the establishment would cost Rs. 20,170 per annum and the probable expenditure per annum on all heads, unless any specially large works were sanctioned, would be about Rs. 1,45,000. The proportion of establishment to expenditure would thus stand at about 14 per cent.; but the Madras Division establishment would be reduced by Rs. 10,000 which is the amount of the present establishment at Wellington administering an expenditure of about the same. It appears from page 2 of Madras Military budget, 1891-92, that the allotment of Rs. 16,600 made by the Director-General pays for the establishment that administers the on page 8; all these are in the Madras and Southern Military districts. Hence our proposal to take over the work at these stations for an extra 10,000 to our establishment exhibits an economy of Rs. 6,000. It is not impossible but that we may find that in actual working a greater number of native subordinates may be required than I have assumed owing to the great distances between the various military stations and their remoteness from railway lines, and, consequently, the establishment may involve a greater sum than Rs. 10,000, but I think that, if the proposals now submitted are accepted, the Executive Engineers of Madras and the Southern Divisions will be able to cope with the work at military stations now performed by the Public Works Department in addition to what is already in the hands of the Executive Engineer, Madras.

3. Attached is a detailed statement from which the totals mentioned above are derived.

No. 2261 M.W. (2)

It is assumed that, under the above proposals, the Madras Division Military Works will take over all the military stations comprised in the Madras Military district, now administered by the Public Works Department, e.g., Berhampore and Vizianagaram. Please state if this assumption is correct.

2. No mention is made in the above letter of the station of Mangalore in the military district of Belgaum, which, if it is to continue to remain under the control of the Public Works Department, will be the only Indian station of this command occupied by troops, not in charge of the Military Works Department, should his proposals be sanctioned by the Government of India. The Chief Engineer, Military Works, is accordingly requested to favour this office with his opinion as to whether this station could not also be taken over by the Military Works Department and form a portion of the Military Works division of Belgaum, thus bringing all the military stations in India occupied by Madras troops under the administration of one department.

3. With reference to the proposal that furniture required for stations in the Southern division should be made up at Wellington, his opinion is requested as to whether such an arrangement would not involve increased expenditure owing to the cost of conveying material, &c., for manufacture up the ghât and of furniture between Wellington and Mettupalaiyam.

4. Information should also be afforded as to whether on the Military Works Department taking over the military buildings at Ootacamund and the other stations referred to, it is proposed to maintain a Military Works establishment at each such station for carrying out repairs, &c.

Please return.

(By Order.)

OOTACAMUND,
8th October 1891.

To the Chief Engineer, Military Works.

(Signed) E. H. EYRE, Brigdr.-Genl.,
Quartermaster-General.

Memo. from Colonel B. LOVETT, R.E., Chief Engineer, Military Works, Madras Command, dated Ootacamund, 20th October 1891, No. 8626. (3)

[Quartermaster-General.]

I would propose as suggested in your memo. No. (2) that the Military Works Department should take over the whole of the military stations in the Madras Presidency.

This will involve an annual expenditure of Rs. 4,320 for establishment in addition to the sum of Rs. 20,172 stated to be necessary in memo. No. (1) for the Southern division. The additional establishment required is shown in the accompanying table:—

Name of executive division.	Name of station.	Proposed establishment.	PAY	
			Per mensem.	Per annum.
			rs.	rs.
Belgaum	Mangalore	1 overseer	80	
	Berhampore	1 upper subordinate	100	
	Vizianagaram	4 temporary sub-overseers	140	
Madras	Vizianagaram	1 clerk	40	
	Samalkôta			
Total ..			360	4,320

2. As regards the question of the establishment of a dépôt for making up and repairing barrack furniture at Wellington, the matter will be carefully gone into if the present proposals are sanctioned; but generally speaking it is found more economical to have these articles made on a large scale and issued to out-stations than making up locally under inefficient or insufficient supervision.

3. Should the Government of India approve of these proposals, a Military Work establishment will be kept up at all the stations referred to for carrying out repairs, &c.

No. 6283, Military.

Transferred to the Public Works Department for consideration and disposal.

FORT ST. GEORGE,
10th November 1891.

(Signed) H. R. HOPE, Brigdr.-Genl.,
Secretary to Government.

ORDER—dated 26th November 1891, No. 3178 W., Public Works.

His Excellency the Governor in Council has no objection to the proposal that all the Military Works in the Madras Presidency now in charge of the Public Works Department be transferred to the control of the Military Works Department.

2. The necessary action will be taken by the Superintending Engineers of the I, IV and VI Circles in communication with the Chief Engineer, Military Works, Madras Command.

(True Extract.)

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

To the Military Department.
To Superintending Engineers.
To the Examiner, Public Works Accounts.

Encl. A. D. Xavier.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Gobt. of {1891} Madras.
PUBLIC WORKS.

Dated November, 26th.

Recd.

Encl.

G.O., 26th Nov. 1891, No. 3178 W.

NOVEMBER.

Military Works in the Madras
Presidency

Orders directing that all — now in charge
of the Public Works Department be trans-
ferred to the control of the Military Works
Department.

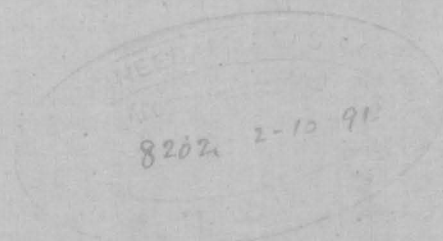
Statement to accompany this office
No. 8202 dated 22 October 1891
Establishment at Wellington 3178

Present				Proposed.			
No.	Designation	Pay per mensem	Pay per annum	No.	Designation	Pay per mensem	Pay per annum.
1	Assistant Engineer	500		1	Executive Engr.		
1	Upper Subordinate	200			4 th Grade	783	
2	Temporary —			2	Upper Subordinate	400	
	Lower Subordinates	60		1	Sub overseer	70	
1	Clerk	40		2	Temporary Subdo.	50	
1	do	20		1	Draftsman	100	
				1	Accountant 4 th Grade	100	
		820	9840	1	Head Clerk	60	
				3	Clerks	90	
				4	Peons at 7 Rs	28	
						1581	20,172

8202 2-10-91

Table showing average expenditure
in the present Wellington Sub Division
and probable expenditure in the proposed Southern
Division.

Wellington Sub Division	Southern Division.
Repairs — 24,000	145,000 From P.W.D. Budget.
Original works — 44,000	
Minor Works — 3,000	
Total Rupees <u>71,000</u>	3128/4



S. 3
P.W. 11834/91

no longer by

Ex. 206
2/8/91

HEADING *Establishments.*

QUARTER MASTER GENERAL'S OFFICE,

Ootacamund,

2nd November 1891.

No. 2426 M.W.

From

Brig-Genl E. H. Eyre

QUARTER MASTER GENERAL,

To

THE SECRETARY TO GOVERNMENT,

MILITARY DEPARTMENT.

SIR,

With reference to P.G. No. 198 of
10th January 1890 (P.W.D. No. 3645 of 21st
December 1889,) I am desired by the
Commander-in-Chief to submit for

* Letter No 8202 of 2nd Octr '891 with
2 Enclosures from Chief Engineer M.W.
Q. M. G's Minute No. 2261 M.W. of
8th Octr '91 to Chief Engineer M. W.
Chief Engineer M.W.'s No. 8626 of
20th October 1891.

the favorable
consideration and
orders of Govern-
ment, the mar-

ginally noted correspondence containing
a proposal that all the military
stations comprised in the Madras Presi-
dency now administered by the Public
Works Department, be transferred to

the

5823
Gm
2261
M.W. 8.10.91

S. 2
P.W. 11834/1

no 1834 of 11

1220601
2187/11

Military (189/) Department.

P.G. 10.1.90, No. 198R.

P. W. CURRENT No. 11834

From

THE QUARTER MASTER GENERAL,

To

THE SECRETARY TO GOVERNMENT,

MILITARY DEPARTMENT.

No. 2426 M.W.

Dated 2nd November 1891.
Received 4th

ENCLOSURE 5

Reg. transfer to the
Mily Works Dept. of all
Mily Stations of the Presy.
now under the P.W.D.

Transferred to
the Public Works
Department for con-
sideration and dis-
posal.

Secretary to Govt
Mily Dept.

Forth Saint George
10th Nov 1891

No. 3645-6W of 21-12-89
" 216-7W " 23-1-90
" 745W " 24-3-90
" 1340W " 12-5-90

No. 8.

No. 8202

CHIEF ENGINEER'S OFFICE,

Madras COMMAND, MILITARY WORKS.

FROM

THE CHIEF ENGINEER,

Madras COMMAND, MILITARY WORKS,

To The Quarter Master General
Madras Army.

Cotacaimund 22 October 1891.

Formation of a New Military Works
Division.

Sir,

I have the sanction of the
Director General contained in his
No. 4110 A dated 10 September to lay
certain proposals for a redistribution
of duties in this Command for the
approval of His Excellency the
Commander-in-Chief and the
consideration of the Government
of Madras before they can be
submitted by the Director General
of Military Works for the orders of
the Government of India. I have
therefore

therefore the honor to report that after inspecting the Madras Division of Military Works which comprises the Madras and Southern Military Districts I concur with my predecessor Colonel Jenkins in thinking it too extensive and unwieldy to be administered with success by one Executive Engineer, however much his staff may be increased.

Matters, that require personal attention by the Executive Engineer to the exclusion of his assistants, are so numerous in connection with one Military District that when two are under his administration, attention cannot be given to the work that is expected. For instance none of the Stations of Calicut, Cannanore, and Malapuram at each of which there is a detachment of British troops and at Cannanore a Fort, have yet been visited by the Executive Engineer Madras Division. It is simply

387 10
simply impossible for him to look after works at these stations on the West Coast without prejudice to his work at Wellington and on the East Coast. What I propose ³¹²⁸ for the approval of His Excellency is that the Madras Division Military Works should be confined to the Madras Military District and a New Division created to be called the Southern Division Military Works. The Head Quarters would conveniently be at Wellington not only on account of climate and central position, but also because it is the Head Quarters of the Military District. It is there that our chief expenditure will take place and it would be a convenient station for the manufacturing of Barrack Furniture for use at Wellington, Malapuram, Calicut and Cannanore. The Executive Engineer Southern Division Military Works would also have to look after the Military Staff buildings

buildings at Ootacamund and other stations such as Trichinopoly.

The Financial result of this proposal is that the establishment would cost Rs 20,170 per annum and the probable expenditure per annum on all heads, unless any specially large works were sanctioned, would be about Rupees 14,500. The proportion of establishment to expenditure would then stand at about 14 per-cent.

But the Madras Division establishment would be reduced by Rs 10,000 which is the amount of the present establishment at Wellington administering an expenditure of Rs 71,000 so that it will be seen that the proportion of establishment to expenditure remains about the same. It appears from page 2 of Madras Military Budget 1891-92 that the allotment of Rs 16,600 made by the Director General pays for the establishment that administers the Military Works in

in charge of the Public Works Department at the stations which are detailed on page 8; all these are in the Madras and Southern Military Districts. Hence our proposal to take over work at these stations for an extra 10,000 to our establishment exhibits an economy of Rs 6,000.

It is not impossible but that we may find that in actual working a greater number of Native Subordinates may be required than I have assumed, owing to the great distances between the various Military stations and their remoteness from Railway lines; and consequently the establishment may involve a greater sum than Rs 10,000. but I think that if the proposals now submitted are accepted the Executive Engineers of Madras and the Southern Division will be able to cope with the

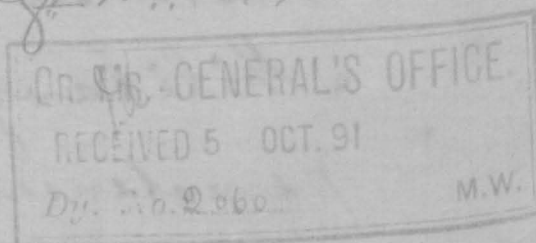
the work at Military stations
now performed by the Public
Works Department in addition
to what is already in the hands
of the Executive Engineer Madras.

Attached is a detailed statement
from which the totals mentioned
above are derived.

I have the honor to be,
Sir,

Your most Obedt Servt
Riversford Loceto
Colonel R.E.

Chief Engineer M.W.



No. 2261 M.W.
Chief Engineer.
Military Works, Ootacamund
Ootacamund
1st October 1891

It is assumed that under the above proposals, the
Madras Division, Military Works, will take over all the Military
Stations comprised in the Madras Military District, now
administered by the Public Works Department, e.g.
Berhampore and Vizianagaram. Please state if this
assumption is correct.

2. No mention is made in the above letter of the Station
of Mangalore in the Military District of Belgaum, which,
if it is to continue to remain under the control
of the Public Works Department, will be the only Indian
Station

500 (4)
Station of this Command, occupied by troops, not in charge
of the Military Works Department, should his proposals be sanc-
tioned by the Government of India. The Chief Engineer, Military
Works is accordingly requested to favor this office with his
opinion as to whether this station could not also be taken over
by the Military Works Department and form a portion of
the Military Works Division of Belgaum, thus bringing all
the Military Stations in India occupied by Madras troops,
under the administration of the Department.
3. With reference to the proposal that furniture acquired
for stations in the Southern Division, should be made up
at Wellington, his opinion is requested as to whether such
an arrangement would not involve increased expendi-
ture, owing to the cost of conveying material to the
manufacture of the glass and of furniture between
Wellington and Mettupalayam.

4. Information should also be afforded as to whether in the
Military Works Department taking over the military buildings
at Ootacamund and the other stations referred to, it is
proposed to maintain a military works Establishment at
each such station for carrying out repairs etc.

Please return.

By order

L. A. Eyer, Bangalore General
Quarter Master General.

(3) Chief Engineer's office
M.W.

No. 8626

Ootacamund 21st October 1891

Quarter Master General.

I would propose, as suggested
in your memo: No. 2 that the Military
Works Department should take over
the whole of the Military Stations
in the Madras Presidency.
This will involve an annual expenditure

expenditure of Rs 4320 for Establishment in addition to the sum of Rs 20172 stated to be necessary in memo: no: (1) for the Southern Division.

The additional Establishment required is shown in the accompanying table:-

Name of Executive Division	Name of Station	Proposed Establishment	Pay per mensem	Pay per annum.
Belgaum Madras	Mangalore	1 Overseer	80	
	Berhampore	1 Upper Subordinate	100	
	Vizianagaram	4 temporary	140	
	Vizagapatnam	Suboverseers		
	Sommalcottah	1 Clerk	40	
			360	4320

2. As regards the question of the establishment of a depot for making up and repairing Barrack furniture at Wellington, the matter will be carefully gone into if the present proposals are sanctioned. But generally speaking it is found more economical to have these articles made on a large scale and issued to outstations than making up locally under inefficient or insufficient supervision.

3. Should the Government of India approve of these proposals, a military work establishment will be kept up at all the stations referred to for carrying out repairs &c.

RECEIVED
No. 2187
21/11/1892

Statement Showing the Grants for 1891-92 for the Divisions in which Military Work is in Charge of the P. W. D.

No.	Division	Military Work	Civil Works	Provincial	Civil Works	Local	Capital	Working Expenses	Minor Works	and Repairs	49	Capital ex. Building not Revenue.	Work in connection with the Revenue.	Total	Grants	including 44.	Military Work
1	Coimbatore	6,500	1,758	1,81,100	1,72,809	1,090	8255	4488	1,73,959	40,345	8255	43,450	376060	369560			
2	Ganjam	1,000	"	"	39,721	1,200	"	85,849	78,171	41,400	"	"	258674	257694			
3	Godavari Eastern	600	1,400	28,832	29,232	1,200	"	11,500	1,12,037	"	"	"	255841	255241			
4	Tiruchinopoly	9,400	384	800	119,368	670	"	"	29,952	"	"	5,772	163254	153964			
5	Vizagapatnam	2,500	4,680	46,800	46,800	3,785	"	"	3,740	"	"	"	159062	158562			
6	West Coast	50,534	"	"	"	"	"	"	"	"	"	"	531952	481418			
		70,534											744362				

Note: The Divisions to which all amounts are made under Imperial Military Repairs to meet the expenditure for quarters for military subdivisions are not included in this statement.

The total loss to Provincial Establishment by the transfer to the Military Works Department of the Military Works now in charge of the P. W. Department will be Rs 16,000 per annum.

378

Grant for mil. works in
charge of the P.W.D. being
Rs 90,000, and the former
figure being the amount
which will be set apart
as the contribution to provide
for estate. The bulk
of the expenditure in the
present year is, in next
year will be, in the West
Coast division, on account
of the military buildings
at Calicut & Malapuram.
After these works are com-
pleted, the military Grant
will probably be much
reduced, & the contribution
to P.W.D. will be con-
siderably less, but is
if mil. works are retained
the loss of Rs 16,000
per annum is much less.
The lowest branch must
therefore be looked
upon as a variable
figure.

If the proposal
be approved, the G.O.
will probably ask for
a further reduction
in the permanent office
subordinate establishment.
The mil. Dept.

has transferred the ^{27/8/13} ~~the~~ ^{the}
to the P.W.D. for consideration
and "disposal". All that
this Dept. is concerned
with is whether the
proposal to transfer the
works is approved.
The question as regards
the estate & distribution
of the mil. works Dept.
are matters for settlement
between the Military
Dept. & the Govt. & India
for orders.

C.
27/8/13

I should think that
there would be no
objection, but I may
much doubt if the
P.W.D. will be able to
work these distant
sub-stations when
established they
propose. The largely
increased charge
for travelling that
will be entailed has
not been considered.

The transfer of
expenditure should
not entail any
reduction in Provincial
costs. The grant for
military works bears
a percentage less than
of the total grant
for all funds.

J. W. for orders

8013
21-11-91

P.W. Department.

Note by the Chief Engineer, P.W. Depart-
ment, dated November 1891. 3/28/91
Read.

Letter from the Dy. Master Genl. No. 2426 M.W. of 2nd floor '91
Encl. in the Military Dept. — No. 6283 of 10th floor '91

I would not like to see the P.W. Department is concerned the transfer
of all expenditure under
"Military" to the Military
Works Department would
be a great convenience.
I admit we have no objection to
having conceded the principle
in 1884. The loss to be now
sustained is but a fraction of
what we then accepted.

Reply that we do not object.

W.S.
25/11/91

2. The effect of such a
proceeding on the Provincial
finances must however
be considered. The
expenditure under "Military"
bears such an insignifi-
cant proportion to the
total expenditure by
the Department that
little or no reduction
of establishment would
be possible. It is certain
that there could be

no reduction in the Engineering Establishment, while that in the subordinate and clerical establishment would not exceed Rs 3000 per annum.

3. The total payment to Provincial on account of establishment charges on expenditure under "Military" varies with the amount of the expenditure for the current year it will be about Rs 16,000 so that the proposed transfer will result in a loss to "Provincial" of about Rs 13,000.

4. The Chief Engineer, Military Works, states the extra cost of establishment required by him at Rs 10,332 + Rs 4320 = Rs 14,652 per annum but this includes no provision for travelling allowances or contingencies which amount on an average to about one per cent.

the cost of salaries this would bring the total extra charge for Military Works Establishment to Rs 16,500.

2/28/15

5. The net financial result to the State would therefore be an increased charge of Rs 13,500, while the result to the different funds concerned would be to Military a loss of Rs 500, and to Provincial a loss of Rs 13,000 per annum.

The Govt & the State
i.e. Imp & Prov.
loss is only Rs 500
Rs 16500 - 16000

LLW

I think note - The saving on Provincial establishment will be Rs 3000 (para 2 of note); the extra cost of Military Establishment (para 4) will be Rs 16,500, so the extra cost to the State will be Rs 13,500 - It is the extra cost to Military which is Rs 500 -

S. B.

S. G. W.

For orders

S. W.

24.11

No. 3178 Wdy 26 Nov 1911

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

3178/16

From the Secy to Govt No. 2426 W. 27 2. 11. 91
Sent in the Milly Dept No. 62803 of 10. 11. 91.

7 R

His Excellency the Govt
in Council has no objection
to the proposal that all
the Military works in the
Madras Presidency now in
charge of the Public Works
Dept. be transferred to
the control of the Military
Works Dept.

The necessary action
will be taken
by the Secretary

26/11/91

Engineers of the I, II and
III Corps in communication
with the Chief Engineer
Military Works, Madras
Command -

to the Military Dept -
Super Secy -
Secy to Govt -
5/12

CN^o 11834

Gobt. of Madras.

PUBLIC WORKS.

2/11/11

1473W

20.26.11.

3178W

Military works in
the Madras Presy
Approving the proposal
Order directing
that all _____
now in charge of the
P.W.D. be transferred to
the control of the
Military Works
Dept

(7)

11/12

20.27.11
27.11.11
20.27.11