

- (1) Number of pages Number of Pages
(2) Date of repair _____
(3) Initials of the Referencer _____

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P. W. DEPARTMENT

G.O. No. 1085-86 Works. Press
B.P. No. Mis.

Dated

30-4-1894.
197

Not to be folded or roughly handled

30TH APRIL 1894, No. 1085 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following papers :—

From F. L. O'CALLAGHAN, Esq., Secretary to the Government of India, Public Works Department (General), to the Secretary to the Government of Madras, Public Works Department, dated Simla, the 7th April 1894, No. 1092 G.

I am directed to transmit a copy of a despatch No. 1, Military, dated 4th January 1894, from Her Majesty's Secretary of State for India, and to communicate the following remarks regarding the subject-matter thereof.

2. I am to explain, in the first instance, that a report had lately been submitted by the Government of India to the Secretary of State on the financial results of the extension of the Military Works Department to the Madras and Bombay Presidencies, which showed that the extension had resulted in an increase of the aggregate cost of the establishments employed under the Military and Public Works Departments, and that the despatch now sent contains the Secretary of State's comments on that report.

3. In the next place I am to intimate that, as indicated in paragraph 4 of the despatch, the question of the steps to be taken with the object of reducing the establishment charges and percentages has, for some time past, engaged the attention of the Government of India, and that it has now been decided to appoint a Committee to take into consideration paragraphs 4 and 5 of the Secretary of State's despatch, and to report what measures are, in their opinion, practicable and desirable for reducing these establishment charges and percentages generally in both the Military Works and the Public Works Departments. The question of the maximum number of Royal Engineer officers required for service in India for military purposes has been referred to the Military authorities, and as regards other questions mentioned in paragraph 5 of the despatch, I am to ask that the Government of India may be favoured with ^{the views} of ^{His Excellency the Governor} ^{your views} ^{His Honour the Lieutenant-Governor} as to the best means of effecting economy without interfering with efficiency in the execution of military works and public works within your ^{Government.} ^{Administration.}

4. I am to add that the favour of an early reply is requested, as it is desired that the Committee should commence their enquiries as soon as possible and that they should have before them the views of the Local Governments.

ENCLOSURE.

From the Right Hon'ble the EARL OF KIMBERLEY, K.G., Her Majesty's Secretary of State for India, to His Excellency the Most Hon'ble the Governor-General of India in Council, dated India Office, London, 4th January 1894, No. 1, Military.

I have considered in Council your Lordship's despatch No. 197, of 20th September 1893, reporting on the financial results of the extension of the Military Works Department to the whole of India.

M-11012.

2. It appears from the investigations which your Government have made that the result of the extension of the department to Madras and Bombay has been that the cost of the establishment in those two commands is about two lakhs of rupees a year higher than under the previous arrangements, while the percentages of establishment compare as follow :—

					Former system.	Military works.
On ordinary works and repairs	...	...	...	...	25.52	37.75
Barrack department	...	...	...	...	61.19	51.19
Total on both	...	...	...	...	27.70	38.57

As regards the Military Works Department as a whole, it is stated in paragraph 20 of your despatch that the percentage cost of establishment to Military Works has been steadily rising, being 32.9 for Works under the Director-General for the year 1893-94, or 32.1 for the whole grant, and that, as the Special Defence works approach completion, it will greatly increase unless measures are taken to adjust the establishments in proportion to the quantity of work they have to carry out.

3. This result cannot but be considered disappointing when compared with the rate of 23 per cent. formerly charged by the Local Governments, and with the average percentage of the Public Works Department, which is said to be 25.79. It certainly justifies the fears expressed by Sir Charles Elliott and Mr. Westland in their dissent, forwarded with Lord Dufferin's despatch No. 191, dated 15th October 1888, that the creation of this department would lead to the absorption of an inordinate proportion of the Military Works grant in establishment expenditure.

4. No doubt the change has, as urged by your Government, secured greater convenience of administration, and it may also have ensured greater efficiency in the construction and maintenance of Military Works within the Madras and Bombay Commands, though of this there is no direct evidence. It is, however, obvious that these advantages may be obtained at too high a cost, and I am glad to learn that you propose immediately to consider this question, and to take such steps as may be necessary to keep the percentage of establishments to works within reasonable limits.

5. Now that Parliament has sanctioned the withdrawal of the Madras and Bombay armies from the control of those Governments, your Government will find no difficulty in modifying existing arrangements, so as to allot a larger portion of Works and Repairs to Local Governments. The Military Works Department could then be reduced to the strength requisite for the more important circles and for special military works, while a tolerably strong directing and inspecting staff could be retained for the supervision of the whole, or its whole constitution as a separate establishment might be reconsidered. In doing so, the opportunity might be taken of considering whether the total strength of Royal Engineer officers in India will not admit of some reduction.

6. I shall be glad to receive, at an early date, a report of the conclusions at which you may arrive.

Note by the Chief Engineer, Public Works Department.

I am not at all surprised to find that the increased cost of supervision consequent on the transfer of the charge of Military buildings from the Public Works to the Military Works Department has been found to far outweigh any administrative convenience attaching to the change, and that it is now proposed to revert to the system in force before 1889.

2. So far as the Military Works are concerned, there will be no difficulty at all in the matter, and the measures to be adopted will be of the simplest description.

3. The increased establishment required will be two officers and six upper subordinates. One of the officers will be an Executive Engineer and one an Assistant Engineer; of the subordinates, one will be a Sub-Engineer, two supervisors and three overseers.

4. It will also be necessary to reconstitute the Presidency division (to include Bangalore) as it will be impossible for the Consulting Architect, already overworked, to superintend the Military Works in Madras and Bangalore in addition to the Civil Works at the former station.

5. At present I do not think it will be necessary to reconstitute the Nilgiri division, as the works at Wellington can probably be managed by the Executive Engineer, Coimbatore. Later experience may show that an additional division is necessary, but for the present it can be dispensed with.

6. The additional cost to Provincial funds of the establishment required will be—

						Per annum.
						RS.
One Executive Engineer	...	...	...	...	...	10,200
One Assistant Engineer	...	...	...	...	...	5,400
One Sub-Engineer	...	...	...	...	...	3,800
Two Supervisors	...	...	...	...	...	4,200
Three Overseers	...	...	...	...	...	3,000
						26,600
Travelling allowances and contingencies	...	...	...	...	...	5,000
						31,600
Office establishment of one division	...	...	...	...	...	8,400
Total	...	...	...	...	...	40,000

To which must be added a further sum of Rs. 8,000 if it be hereafter found necessary to reconstitute the Nilgiri division.

7. According to the budget for 1893-94 (the latest available), the expenditure on works by the Military Works Department is Rs. 4,96,000, 23 per cent. on which is Rs. 1,14,000, showing a gain to Provincial funds of Rs. 74,080 by the transfer.

8. According to the despatch from the Secretary of State printed with the Government of India's letter under consideration, the saving to Imperial funds will be 37.75 — 23 = 14.75 per cent. on the above mentioned expenditure of Rs. 4,96,000, that is to say Rs. 73,160, so that Imperial and Provincial funds suffer to almost exactly the same extent by the present extravagant arrangements.

9. So far as public works generally in this Presidency are concerned I do not consider that there is any room for further economy; our establishments are already reduced to the lowest level consistent with efficiency, and any further reduction would result in a loss in the form either of direct loss of revenue or of increased cost of work far exceeding any saving which could be effected.

10. The percentage test is a very fallacious one; in the first place a considerable portion of the establishment of this department is employed on what is really revenue work, and would have to be entertained if not a farthing were spent upon "Works"; an allowance is made on this account, but it is fixed at a purely arbitrary amount and the balance debitable to "Works" may be made to vary *ad libitum* by varying the contribution on revenue account.

11. In the discussions which took place on this subject in 1883 it was shown that in the Northern Provinces where the irrigation revenue is collected by the Public Works establishment, the cost of the latter was brought down to the 23 per cent. on "Works" expenditure adopted as a standard by the Government of India, by debiting to Revenue an amount far exceeding what in this Presidency (where the revenue is collected by a separate department) is found to be the actual cost of collection; and that if the debit to Revenue was reduced to the amount (7½ per cent. on the sum collected) which is found sufficient here, the balance debitable to "Works" amounted to over 40 per cent. on the "Works" expenditure.

12. Again the percentage of establishment to "Works" varies with the grants for the latter, as the former cannot be made to vary greatly from year to year. The

following table will show how great this variation is; it also shows that the percentage of establishment increases just as the expenditure on "Works" diminishes:—

	1887-88.	1888-89.	1889-90.	1890-91.	1891-92.	1892-93.	1893-94.
	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Total expenditure on works under all heads	58,28,668	66,10,918	70,36,434	73,68,500	80,69,977	68,22,318	67,43,208
Cost of establishment after deducting amounts debited to Revenue	14,83,393	15,84,409	15,79,643	14,67,886	15,44,744	15,18,375	15,14,831
Percentage of Establishment to Works.	25.4	23.9	22.4	19.9	19.1	22.2	22.4

13. The present establishment, the net cost of which may be taken at Rupees 15,50,000, would suffice with very trifling additions for an expenditure of Rupees 90,00,000 on "Works" and could not be appreciably reduced if the latter expenditure fell to Rs. 50,00,000.

14. It may be said in general terms that the percentage of "Establishment" to "Works" may be made to vary from seventeen to thirty, solely by alterations in the grants, without any change in system or in organisation.

In the third place it may, and very often does, happen that a low percentage of "Establishment" to "Works" means, not economy in establishment, but extravagance in expenditure.

15. This subject was very thoroughly discussed in 1883 when Colonel Brownlow, who was then Inspector-General of Irrigation, came to Madras to confer with the local authorities on behalf of the Government of India, and the result of the discussion was to convince that Government that whatever might be the percentages under different heads, the administration of public works in Madras compared favorably as regards real economy with that in any other Province; the scale of establishment for the department was then fixed at the strength at which it has stood with slight variations ever since, and nothing has occurred in the interval to show the need of any alteration in system or the feasibility of any reduction in scale.

OOTACAMUND, (Signed) J. PENNYCUICK, Colonel, R.E.,
21st April 1894. Chief Engineer, P.W.D.

ORDER—dated 30th April 1894, No. 1085 W., Public Works.

His Excellency the Governor in Council concurs in the opinions expressed by the Chief Engineer, whose note will be communicated to the Government of India.

[Here enter No. 1086 W., dated 30th April 1894.]

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

GENERAL.
ESTABLISHMENT.

Gobt. of {1894} Madras.
PUBLIC WORKS.

Dated April, 30th.

Recd.

Encl.

G.O., 30th Apr. 1894, No. 1085 W.

APRIL.

Retransfer of Military Works
to the charge of the Public
Works Department

Proceedings concurring in the opinions expressed by the Chief Engineer, Public Works Department, in regard to the —, and ordering his note to be communicated to the Government of India.

30TH APRIL 1894, No. 1086 W., PUBLIC WORKS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

LETTER—from

COLONEL J. PENNYCUICK, R.E.,
*Secretary to the Government of Madras,
Public Works Department,*

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
PUBLIC WORKS DEPARTMENT.

SIR,

In reply to your letter, No. 1092 G., dated 7th April 1894, I am directed to forward, for the information of the Government of India, a copy of the Proceedings of this Government embodying a note by the Chief Engineer, Public Works Department, whose views have the entire concurrence of His Excellency the Governor in Council.

2. This Government will be prepared to take over charge of all Military Works in this Presidency, including the station of Bangalore, on the usual terms as regards supervision, at any date that may be desired by the Government of India provided sanction is given to the increase of the permanent establishment by two officers and six upper subordinates, making the establishment of the former 82 and of the latter 185 instead of 80 and 179 as at present.

3. I am to state that if these proposals are sanctioned this Government would prefer to provide the addition to the establishment of officers by the promotion of an Assistant Engineer to the Executive class and the appointment of two more Assistant Engineers on the Provincial establishment.

I have the honour to be,

Sir,

Your most obedient servant,

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

OOTACAMUND,
30th April 1894.

Exd. J. Moses.
Spare Copies

GENERAL.
ESTABLISHMENT.

Govt. of {1894} Madras.
PUBLIC WORKS.

Dated April, 30th.

Recd.

Encl.

30th April 1894, No. 1086 W.

APRIL.

Retransfer of Military Works
to the charge of the Public
Works Department

Forwarding for the information of the Government of India Proceedings of Government embodying a note by the Chief Engineer, Public Works Department, on the —.

No. 1092 G.

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.

GENERAL.

To

THE SECRETARY TO THE GOVERNMENT OF MADRAS, PUBLIC WORKS DEPARTMENT.
THE SECRETARY TO THE GOVERNMENT OF BOMBAY, PUBLIC WORKS DEPARTMENT.
THE SECRETARIES TO THE GOVERNMENTS OF BENGAL, THE NORTH-WESTERN PROVINCES AND OUDH, AND THE PUNJAB, PUBLIC WORKS DEPARTMENT.
THE CHIEF COMMISSIONERS OF THE CENTRAL PROVINCES, BURMA, ASSAM, AND COORG.
THE RESIDENT AT HYDERABAD.
THE AGENTS TO THE GOVERNOR-GENERAL FOR CENTRAL INDIA, RAJPUTANA, AND BALUCHISTAN.

SIR,

Simla, the 7th April 1894.

I am directed to transmit a copy of a despatch, No. 1, Military, dated 4th January 1894, from Her Majesty's Secretary of State for India, and to communicate the following remarks regarding the subject-matter thereof.

2. I am to explain in the first instance that a report had lately been submitted by the Government of India to the Secretary of State on the financial results of the extension of the Military Works Department to the Madras and Bombay Presidencies, which showed that the extension had resulted in an increase of the aggregate cost of the establishments employed under the Military and Public Works Departments, and that the despatch now sent contains the Secretary of State's comments on that report.

3. In the next place I am to intimate that, as indicated in paragraph 4 of the despatch, the question of the steps to be taken with the object of reducing the establishment charges and percentages has, for some time past, engaged the attention of the Government of India, and that it has now been decided to appoint a Committee to take into consideration paragraphs 4 and 5 of the Secretary of State's despatch, and to report what measures are, in their opinion, practicable and desirable for reducing these establishment charges and percentages generally in both the Military Works and the Public Works Departments. The question of the maximum number of Royal Engineer officers required for service in India for military purposes has been referred to the military authorities, and as regards other questions mentioned in paragraph 5 of the despatch, I am to ask that the Government of India may be favoured with the views of ^{His Excellency the Governor} ^{His Honour the Lieutenant-Governor} your views

as to the best means of effecting economy without interfering with efficiency in the execution of military works and public works within your ^{Government.} ^{Administration.}

4. I am to add that the favour of an early reply is requested, as it is desired that the Committee should commence their enquiries as soon as possible and that they should have before them the views of the Local Governments.

I have the honour to be,

SIR,

Your most obedient servant,

H. H. Hallam
Secretary to the Govt. of India.

Documents accompanying.

Copy of Secretary of State's Military despatch,
No. 1, dated the 4th January 1894.

To The Secy to the Govt of Madras
P.W. Department

From the Govt. of India.
P. W. Department

No. 1092 G.

Dated 7 April 1894

Recd. - 16-4-94

Depos. 30-4-94

Military Works and Public Works
in Madras

Requesting to be favored with
the views of the Madras Govt.
as to the best means of effecting
economy in the execution of—

OS 1/11
cine 21/4
Actd 22/4

[Enclosure to letter No. 1092 G., dated 7th April 1894.]

No. 1, Military, dated India Office, London, 4th Jan. 1894.

From—The Right Hon'ble the EARL OF KIMBERLEY, K.G., H. M.'s Secy. of State
for India,

To—His Excellency the Most Hon'ble the Govr.-Genl. of India in Council.

I HAVE considered in Council Your Lordship's despatch No. 197, of 20th
September 1893, reporting on the financial results of the extension
of the Military Works Department to the whole of India.

2. It appears from the investigations which your Government have made,
that the result of the extension of the department to Madras and Bombay has
been that the cost of the establishment in those two commands is about two lakhs
of rupees a year higher than under the previous arrangements, while the percent-
ages of establishment compare as follow:—

	Former system.	Military Works.
On ordinary Works and Repairs ...	25.52	37.75
Barrack Department ...	61.19	51.19
Total on both ...	27.70	38.57

As regards the Military Works Department as a whole, it is stated in paragraph
20 of your despatch that the percentage cost of establishment to Military
Works has been steadily rising, being 32.9 for Works under the Director-Gen-
eral for the year 1893-94, or 32.1 for the whole grant, and that, as the Special
Defence works approach completion, it will greatly increase unless measures are
taken to adjust the establishments in proportion to the quantity of work they
have to carry out.

3. This result cannot but be considered disappointing when compared with
the rate of 23 per cent. formerly charged by the local Governments, and with the
average percentage of the Public Works Department, which is said to be 25.79.
It certainly justifies the fears expressed by Sir Charles Elliott and Mr. Westland
in their dissent, forwarded with Lord Dufferin's despatch No. 191, dated 15th
October 1888, that the creation of this department would lead to the absorption
of an inordinate proportion of the Military Works grant in establishment expen-
diture.

4. No doubt the change has, as urged by your Government, secured greater
convenience of administration, and it may also have ensured greater efficiency in
the construction and maintenance of Military Works within the Madras and
Bombay Commands, though of this there is no direct evidence. It is, however,
obvious that these advantages may be obtained at too high a cost, and I am
glad to learn that you propose immediately to consider this question, and to
take such steps as may be necessary to keep the percentage of establishments
to works within reasonable limits.

5. Now that Parliament has sanctioned the withdrawal of the Madras and
Bombay Armies from the control of those Governments, your Government will find
no difficulty in modifying existing arrangements, so as to allot a larger portion of
Works and Repairs to local Governments. The Military Works Department
could then be reduced to the strength requisite for the more important circles and
for special military works, while a tolerably strong directing and inspecting staff
could be retained for the supervision of the whole, or its whole constitution as a
separate establishment might be reconsidered. In doing so, the opportunity might
be taken of considering whether the total strength of Royal Engineer officers in
India will not admit of some reduction.

6. I shall be glad to receive at an early date a report of the conclusions at
which you may arrive.

Note by Chief Engineer
P. W. D. —

30

I am not at all surprised to find that the increased cost of supervision consequent on the transfer of the charge of Military buildings from the Public Works to the Military Works Department has been found to far outweigh any administrative convenience attending to the change - and that it is now proposed to revert to the system in force before 1889.

2. So far as the Military

Works are concerned there will be no difficulty at all in the matter, and the measures to be adopted will be of the simplest description.

3. The increased Establishment required will be two officers and six upper subordinates. One of the officers will be an Executive Engineer and one an Assistant Engineer; of the subordinates one will be a Sub Engineer, two Supervisors and three Overseers.

4. It will also be necessary to reconstitute

40
the Presidency Division (to include Bangalore) as it will be impossible for the Consulting Architect, already overworked, to superintend the Military Works in Madras and Bangalore in addition to the Civil Works at the ^{former} ~~former~~ station.

5. At present I do not think it will be necessary to reconstitute the Nilgiri Division as the works at Wellington can probably be managed by the Executive Engineer Coimbatore. Later

6. The additional
cost to Provincial
Funds of the statement
required will be

One Executive Engineer	10,200
One Assistant "	5,400
One Sub "	3,800
Two Supervisors	4,200
Three Overseers	3,000
	<hr/> 26,600

31, 600

Office statement
~~of the~~
~~expenses~~ of me
mission } 8,400
total 40,000

19

to Wals' varies with the grants for the latter, as the former cannot be made to vary greatly from year to year. The following table will show how great this

variation is; it also shows that the percentage of establishment increases just as the expenditure on 'works' diminishes -

	1887-88	1888-89	1889-90	1890-91	1891-92	1892-93	1893-94
Total expenditure on works under all heads ...	58,28,668	66,10,918	70,36,434	73,68,500	80,69,977	68,22,318	67,43,208
Cost of establishment after deducting amounts debited to Revenue ...	14,83,393	15,84,409	15,79,643	14,67,886	15,44,744	15,18,375	15,14,831
Percentage of Establishment to Wals. ...	25.4	23.9	22.4	19.9	19.1	22.2	22.4

13. The present establishment the net cost of which may be taken

of one Division ... total 40,000

at the 15,50,000 would suffice with very trifling additions for an expenditure of Rs 90,00,000 on Wals and could not be appreciably reduced if the latter expenditure fell to Rs 50,00,000 -

14. It may be said in general terms that the percentage of "Establishment to Wals" may be made to vary from seventeen to ^{thirty}, solely by alterations in the grants, without any change in system or in organisation. In the third place

it may and very
often does happen
that a low percentage
of 'Establishment' to
'Wahs' ~~many~~ means,
not economy in
Establishment, but
extravagance in
expenditure.

15. This subject was
very thoroughly
discussed in 1883
when Col. Browden
who was then Inspector
General of Irrigation
came to Madras to
confer with the local
authorities on behalf
of the Govt of India,
and the result of
the discussion was

Dividend
Total 40,000

to convince that
Government that
whatever might be
the percentages under
different heads, the
administration of
Public Wahs in Madras
compared favorably
as regards real
economy, with that
in any other Province,
the scale of establishment
for the Department
was then fixed at
the strength at which
it has stood with
slight variations ever
since, and nothing
has occurred in
the interval to
show the need of

it m
after any alteration in
the system of the feasi-
bility of any reduction
in scale.

S

E. W.

not
Est
end
exp
15. Octacum
2/15
Apr 1894.

total 40.0

Letter from the Govt of India No. 1092-Ld/7-4-94
 Note by the Chief Engineer P. W. D.
 of 21st April 1894.

Read the following:-

FOR ORDERS.

I think the Chief Engineer's
^{note} proposals should be forwarded
 to the Govt. of India, with our
 concurrence.

W
 24/4 22 Apr.

I quite agree. I went into
 the question of separate mil.
 works etc in 1886 with Sir
 C Elliott & Mr. Westland &
 arrived at the conclusion,
 which I see they still held
 in 1888, that it was a
 wasteful "fad"

BS

23/4/94

Test

#6 The Hon. Mr. P. W. Sept
Special.

1085-86
Retransmission of
Military Works to
the P.W. Dept

X
No. 1085 W. d. 30 April 1894. P. W. Dept
Proceedings of the Madras Government.
Read the following:—

Letter from the Govt of India (H.E. No. 1092 G d. 7. 10. 94)
Note by the Chief Eng^r P.W.D. (- - 10 P d. 21. 10. 94)
General
Establt

His Excellency the
Governor in Council
concurs in the opinions
expressed by the
w/ 25 Apr. Chief Engineer, whose
note will be commu-
nicated to the Govt
of India.

(H.E. No. 1086 W d. 30 April '94)

To
The Secretary to the
Government of India,
P. W. Dept.

w/ 25 Apr. Sir,
In reply to your letter
No. 1092 G dated 7th
April 1894 I am directed
to forward for the
information of the

#6 The Hon Mr. P. W. Sept
Special.

1083-88
Act transfer of
Military works to
the P.W. Dept

No: 1085 W. d/ 30 April 1894 P. W. Dept
Proceedings of the Madras Government.
Read the following:—

Letter from the Govt of India (H.E. No 1092 G d/ 7. 10. 94)
Note by the Chief Eng^r P.W.D. (- - 10 d/ 21. 10. 94)
General
Estab^t

His Excellency the
Governor in Council
concurs in the opinions
expressed by the
w/ 25 Apr. Chief Engineer, whose
note will be commu-
nicated to the Govt
of India.

(H.E. No 1086 W d/ 30 April '94)

To
The Secretary to the
Government of India,
P. W. Dept.

w/ 25 Apr. Sir,
In reply to your letter
No 1092 G dated 7th
April 1894 I am directed
to forward for the
information of the

Government of India
a copy of the Proceedings
of this Government
embodying a note by
the Chief Engineer Public
Works Department, whose
views have the entire
concurrence of His
Excellency the Governor
in Council

N^o 1085 W d / 30th April 1894

2. This Government
will be prepared to
take over charge of
all Military Works in
this Presidency, including
the station of Bangalore,
on the usual terms
as regards supervision,
at any date that
may be desired by the
Government of India
provided sanction is

given to the increase
of the permanent
establishment by two
officers and six
upper subordinates,
making the establish-
ment of the former
82 and of the latter
185 instead of 80 and
179 as at present.

3. I am to state that
if these proposals are
sanctioned this
Government would
prefer to provide the
addition to the
establishment of officers
by the promotion of
an Assistant Engineer
to the Executive class
and the appointment
of two more Assistant

25.4

Special

$$\frac{101}{2} \quad \frac{80}{2}$$

BN

Aug 6 - 30/4

C No 3191

23-4-12

Govt. of Madras
PUBLIC WORKS.

Date

Recd

Dist.

Dec 30-11-11

O.O. 30th April 1894 No 1085-6

Transfer of Military
Works to the P. W. D.

Concurring in
opinions expressed by
Chief Engineer, in
regard to the — and
desiring his Note to be
communicated to the
Government of India

Forwarding for the
information of the
Government of India
and of Government
by a note by
Chief Engineer P.W.D.