

(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.

1109

(W)

Press

B.P. No.

Mis.

Dated

4.5.

18 76.

Not to be folded or roughly handled

11

*Proceedings of the Madras Government, Public Works Department,
4th May 1876.*

Read the following papers :—

No. 54. From Colonel F. J. MOBERLY, R.E., Superintending Engineer, Chingleput, to Major-General G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Mount, 20th March 1876, No. 4,964.

I HAVE the honor to submit statements showing the number of letters and estimates prepared in the Mount Range Office and the numbers passing through my office.

2 Statements.

2. With my No. 4,793, of 7th instant, I submitted statements showing the expenditure in four years from 1870-71 in the Chingleput District, in the four first class districts and in the Presidency District. These were the only years on which I had returns.

3. I hope that I have satisfied Government that my own and the Mount Range establishment are very short-handed.

4. Comparing our work with that of the Presidency District, I would beg to point out that both the Executive Engineer and I are necessarily frequently in camp, and are obliged to trust largely to the members of our office, and though we may carry some into camp are likely to impede the progress of work with such small numbers as we have. I would ask for the Mount Range a special office slightly different in numbers from that given to the Bangalore District Engineer :—

	RS.
1 Head Clerk	70
1 Accountant	40
1 Do.	30
3 Draftsmen or Estimate makers, 40, 30, 25	95
2 Writers, 25 and 20... ..	45
	230

5. I think that the duty in this district entitles me to ask for a first-class office. I should propose to have three draftsmen and one writer instead of two of each.

6. Mr. Lowry, when in charge of Chingleput, complained greatly of the weakness of his office, but he would give no statistics, and I believe that occasional assistance from the enlarged district office would overcome this.

No. 54A. From the same Officer, dated Camp at Red Hills, 7th April 1876, No. 91.

I HAVE the honor to enclose copy of a letter from the Executive Engineer, Mount Range, and to observe that the 1st and 3rd Range Officers are also in arrears, and that I am about three months behind hand.

2. I would, with all deference, point out that very much of this is owing to the change in system instituted during the last three years, under which we are all obliged to explain details in plans and reports which we were formerly trusted to carry out in practice.

Though the current year is unfinished, till the month

*Proceedings of the Madras Government, Public Works Department,
4th May 1876.*

3. Our office establishments have not been strengthened either in numbers or capacity, and consequently all the petty details are necessarily executed by Range Officers themselves, or I fear overlooked in the pressure of matters that used to be considered of greater importance.

From Captain A. C. SMITH, R.E., Executive Engineer, No. 2 or Mount Range, to Colonel F. J. MOBERLY, R.E., Superintending Engineer, Chingleput, dated Mount, 5th April 1876, No. 33.

With reference to Memorandum No. 19 C.N., forwarded with your No. 7 of 1st instant, I have the honor respectfully to point out, that I have repeatedly reported the insufficiency of the drawing and estimating power in my office, consisting as it does of only one man for the whole of the work; and yet while admitting this insufficiency by affording me extra aid, the Chief Engineer observes that it is not sufficient "excuse for the postponement of the completion of estimates regarding the early submission of which so many orders have been passed."

2. Such a remark indirectly blames me or my office for such delay, or accuses me of at least inattention to my duties, I therefore wish most respectfully to assure the Chief Engineer that it is this want of sufficient hands which alone has caused all this delay, and for these reasons:—

1st.—I have only one man to do the whole of the drawing and estimating for all the Barracks, Cantonment, Quindy, Local Funds, Irrigation and Project Works.

2ndly.—In spite of calls by the Government for early submission of the Project Works, I have never yet been ordered to let all other works stand by until the Project Works were cleared off, and, therefore, I could not set other works entirely aside until their completion; the result is not only delay caused directly by other works being taken up (some of a very urgent nature, viz., Guindy works and alterations,) but also indirectly by errors caused by frequent interruption.

3rdly.—My utter inability to supervise works when out on inspection, for were I to carry my one draughtsman with me his time, now insufficient for his work, would be further wasted in travelling, and of necessity errors are caused by this want of supervision and work has frequently to be done over again.

3. I have before now urged the necessity for employing two draughtsmen, and I am of opinion that to carry on the work properly I should also have two estimators as well; I have in prior letters stated that being overladen with work is most dispiriting, for it not only brings blame on ones shoulders for actual delays, but also for work which is unsatisfactorily performed by being perforce hurried over.

4. The Chief Engineer points out that estimates for the two weirs might have been forwarded with a remark that some alterations would eventually be made, I beg to state that with this intention I did roughly estimate the amounts of these works and reported them as under, viz. :—

Katankal Weir ...	...	...	...	...	...	...	...	22,800
Boosikal do. ...	...	...	...	...	...	...	...	17,000

Vide my No. 1,434, of 2nd September 1875.

5. These amounts can still be accepted as outside quantities, and as the original designs are to be altered, I would submit that the drawing up of plans and estimates for these works in detail is unnecessary.

6. With the exception of the distribution channel, estimates for which were forwarded with my No. 16, dated 4th instant, the condition of the remaining estimates remains the same as last reported to you in my No. 3,270, dated 7th ultimo.

*Proceedings of the Madras Government, Public Works Department,
4th May 1876.*

No. 36 M.

MEMORANDUM.

No. 54-B.

From Superintending Engineer, Chingleput,
No. 91, dated 7th April 1876, with Execu-
tive Engineer's, Mount Range, No. 33, dated
5th April 1876.

THE correspondence as per margin is referred for the consideration of the Chief Engineer, Public Works Department.

2. The project estimates referred to are those of the Madras Water Works.

3. A draughtsman from this office has been placed temporarily at the disposal of the Superintending Engineer, Chingleput, to assist in expediting the completion of the estimates of this project.

4. The allusion in paragraph 2 of Colonel F. J. Moberly's letter is probably in reference to the instructions that have been from time to time given for the design of works and preparation of estimates with reference to the circumstances and requirements of such works. These instructions have perhaps in a very special degree been necessary in the case of the Chingleput District.

5. A good deal of time has, it is thought, been wasted in doing things several times imperfectly instead of in the first instance with proper consideration.

6. The undersigned is not acquainted with the extent of work of all kinds which has to be done in the Mount Range and in the office of the Superintending Engineer, Chingleput, but the probabilities are that any office establishment which was adequate a few years back to the work then to be done is inadequate now.

OOTACAMUND,
24th April 1876.

(Signed) JOHN MULLINS, Lieut.-Colonel, R.E.,
Chief Engineer for Irrigation.

ORDER THEREON, 4th May 1876, No. 1,109.

No. 55.

ESTABLISHMENT, No. 7.

The existing and proposed establishments are as follow, viz. :—

DISTRICT ENGINEER'S OFFICE.

<i>Existing Establishment.</i>				<i>Proposed Establishment.</i>			
			RS.				RS.
1	Head Clerk	...	...	1	Head Clerk	...	100
1	Accountant	..	...	1	Accountant	...	50
1	Writer	...	...	1	Writer	...	40
1	Do.	...	...	1	Copyist	...	30
1	Copyist	...	...	1	Do.	...	25
1	Goomastah	...	...	1	Goomastah	...	18
1	Do.	...	...	1	Do.	...	15
1	Moochee	...	...	1	Moochee	...	10
7	Peons	...	...	7	Peons	...	50
1	Draughtsman and Estimator	...	50	1	Draughtsman	...	50
				1	Do.	...	40
				1	Do.	...	35
			352				463
16				18			

Though the current year is unfinished till the month

Proceedings of the Madras Government, Public Works Department,
4th May 1876.

MOUNT RANGE OFFICE.

Existing Establishment.			Proposed Establishment.		
		RS.			RS.
1 Head Accountant ...	...	70	1 Head Clerk...	...	70
1 Deputy do. ...	...	35	1 Accountant...	...	40
1 Assistant do. ...	...	25	1 Do. ...	...	20
1 Do. ...	...	20	1 Writer ...	...	25
1 Writer ...	...	30	1 Do. ...	...	20
4 Lascars ...	...	28	4 Lascars ...	...	28
1 Draughtsman and Estimator ...	...	40	1 Draughtsman ...	...	40
			1 Do. ...	...	30
			1 Do. ...	...	25
					308
		218			12

2. It will be sufficient to sanction a numerical increase of two Draughtsmen to each office at an additional cost of Rupees 75 and Rupees 55, being what is chiefly required. The necessity of increasing the pay of some of the Accountants and Clerks, at such a favorite station as the Mount, is not apparent.

(True Extract.)

Colonel,

Offy. Under Secy. to Govt., P.W.D.

To the District Engineer, Chingleput.
Examiner of Public Works Accounts.

Statement showing the No. of letters received & sent and the Number of estimates submitted for each of the three past years.

	Received into the Office			Despatched from the Office			Number of Estimates		
	1873/74	1874/75	1875/76	1873/74	1874/75	1875/76	1873/74	1874/75	1875/76
Chief Engineer for Irrigation									
Controller of Public Works									
Accounts	133	181	234	137	45	62			
Supr. Engineer Chingleput	906	1277	1483	863	1237	1198			
Collector, President's Circle	53	48	84	90	69	84			
Fund Board &c	122	99	353	336	219	122			
Military Officers	250	371	513	218	374	396	403	667	680
Supervisor	430	347	571	521	575	289			
Cantonment Overseer	290	446	231	351	432	162			
Taluk Overseer	128	214	217	229	285	150			
Local Fund Overseer									
Miscellaneous Officers, Supt. of P.W. Works, other Range	619	572	277	151	190	200			
Officers &c									
Tamil &c petitions from villagers & others	49	2	228	67	105	81			
	2980	3457	4190	2956	3374	2773			

Remark

The No. of estimates is nearly two per diem & yet I am only allowed one draughtsman for the whole Range to keep up current repairs of all sorts & to aid me in getting up Project Works. Can it be wondered at that the latter are delayed.

Though the current year is unfinished till the month of ...

PN 2073/6

average no. of letters recd for 10 months (up to 31st January 1876)
is added for February & March 1876 to show increase of work
which is considerable in this year.

(Signed) A. L. Smith Captain R.E.
Executive Engineer

Mount Range Office
28 February 76

(True copy)

A. L. Smith Captain R.E.
Executive Engineer

Statement showing the number of letters received and sent
the number of estimates disposed of for each of the 3 past
years in the Superintending Engineer's Office Chingleput District.

Letters received into the office	Letters despatched from the office	No. of estimates examined
1873-74	51/5/75	9/5/76
1874-75	51/5/76	9/5/77
1875-76	51/5/77	9/5/78

Chingleput District
Engineer's Office { 4049 5005 5180 3564 4668 4890 541 674 909

Chief S.E. Office
Mount 20 March 1876 } J. L. Smith Colonel R.E.
Supt Engineer Chingleput.

12

No. 4964 Superintending Engineer's Office
Chingleput
Mount 20 March 1876

From
The Superintending Engineer
Chingleput.
To The Secretary to Government
Department Public Works.
Sir,

Enc:

1. Statements showing the number of letters
and estimates prepared in the Mount
Range office and the numbers passing
through my office.

2. With my No. 4793 of 7th instant
I submitted statements showing the
expenditure in 4 years from 1870-71 in
the Chingleput District in the four
first class districts and in the Presi-
dency district. These were the only years
on which I had returns.

3. I hope that I have satisfied
Government that my own and the Mount
range establishment are very short-handed.

4 Comparing our work with that of the Presidency District I would beg to point out that both the Executive Engineer and I are necessarily frequently in camp and are obliged to trust largely to the members of our office, and though we may carry some into camp are likely to impede the progress of work with such small numbers as we have. I would ask for the Mount range a special office slightly different in numbers from that given to the Bangalore District Engineer.

1 Head Clerk — 70
 1 Accountant — 40
 1 — do — 30
 3 Draftsmen or Estimators } 95
 makers 40.30.25

2 Writers 25 and 20 — 45
 280

Cr. 5 I think that the duty in this district entitles me to ask for a first class office. I should propose to have

3 draftsmen and one writer instead of two of each. 76.

6 Mr. Lowry when in charge of Chingleput complained greatly of the weakness of his office, but he would give no statistics, and I believe that occasional assistance from the enlarged District office would overcome this.

I have the honor to be Sir

Your most obedient servant
 H. L. Colver Colonel R.E.
 Superintending Engineer
 Chingleput

To The Chief Engineer
for Irrigation.

2 I would, with all deference, point out that very much of this is owing to the change in system instituted during the last 3 years. under which we are all obliged to explain details in plans and reports which we were formerly trusted to carry out in practice.

Our office establishments

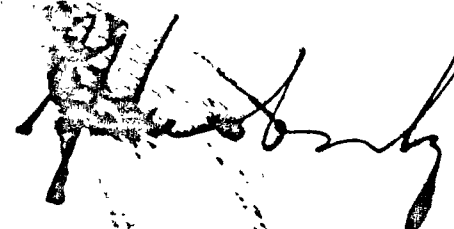
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Ci-2526
L. Hunt. 24 Apr

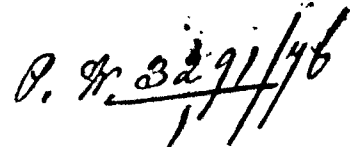
43
1876
8
have not been strengthened either
in numbers or capacity, and
consequently all the petty details are
necessarily executed by Range Officers
themselves, or I fear overlooked in
the pressure of matters that used to
be considered of greater importance.

I have the honor to be
Sir

Your most obedient servant

 Colonel R.B.

Superintending Engineer
Chinghaput.



To
 The Chief Engineer
 for Inspection
 Dated 7th Decr
 1876 } April 1876
 Recd

No 2 Range S Office 57
Mount 5th April 1876.

To The Superintending Engineer
Chinghaput.

2. Such a remark indirectly blames me or my office for such delay, or accuses me of at least, inattention to my duties, I therefore wish most respectfully to assure the Chief Engineer that it is this want of

Sufficient hands, which above has caused all this delay, and for these reasons:-

1st I have only one man to do the whole of the drawing and estimating for all the Barracks, Cantonment, Guindy, Local Funds, Irrigation and Project works..

2^d In spite of calls by the Government for early submission of the Project works, I have never yet been ordered to let all other works stand by, until the Project works were cleared off, and therefore I could not set other works entirely aside until their completion; the result is not only delay, caused directly by other works being taken up (some of a very urgent nature viz: Guindy works and alterations) but also indirectly by errors caused by frequent interruption.

3^{dly} My utter inability to supervise works when out on inspection, for were I to carry my own draughtsman with me, his time now insufficient for his work, would be further wasted in travelling, & of necessity, errors are caused by this want of supervision and work has frequently to be done over again:-

3 I have before now urged the necessity for employing 2 draughtsmen & I am of opinion that to carry on the work properly I should also have 2 estimators as well; I have in prior letters stated that being over laden with work is most dispiriting, for, it not only brings blame on our shoulders for actual delays, but also for work, which is unsatisfactorily performed, by being perforce hurried over..

4 The Chief Engineer points out that estimates for the two weirs might have been forwarded with a remark that some alterations would eventually be made, I beg to state that with this intention I did roughly estimate, the amounts of these works & repeated them as under, viz:

Katankal weir 22,800

Boosikal - do - 17,000

Vide my No. 1434 of 2^d September 1875.

5 These amounts can still be accepted as outside quantities and as the original designs are to be altered, I would submit that the drawing up of plans & es-

estimates for these works in detail, is unnecessary.

6 With the exception of the Distribution Channel, estimates for which were forwarded with my No. 16 dated 4th instant. the condition of the remaining estimates remains the same as last reported to you in my No. 3270 dated 7th ultimo.

I have &c &c

Signed A. C. Smith Captain R.E.
Executive Engineer.

True copy/

W. H. Colonel R.E.
Superintending Engineer
Chingleput.

P. N. 3291/76
2/

No. 36 R.

Memorandum.

Encl. 2

From Supt. Engr.

Chingleput No. 91

dt. 7 April 1876.

with Engr. Engrs

Mount Range.

No. 33 dt. 5 April

1876.

The correspondence as per margin is referred for the consideration of the Chief Engineer M. H.

2. The project estimates referred to are those of the Madras Water works.

3. A draughtsman from this office has been placed temporarily at the disposal of the Superintending Engineer Chingleput to assist in expediting the completion of the estimates of this project.

4. The allusion in para 2 of Colonel F. J. Moberly's letter is probably in reference to the instructions that have been from time to time given for the design of works and preparation of estimates with reference to the circumstances

and requirements of such
works. These instructions have
perhaps in a very special
degree been necessary in the
case of the Chingleput District.

5. A good deal of time
has it is thought been wasted
in doing things several
times imperfectly instead of
in the first instance with
proper consideration.

6. The undersigned is not
acquainted with the extent
of work of all kinds which
has to be done in the Mount
Range and in the office of
the Superintending Engineer
Chingleput, but the pro-
babilities are that any office
establishment which was
adequate a few years back
to the work then to be done
is

1881 W. 12

is inadequate now. 12

1881

William St. John R.E.,
Chief Engineer for Irrigation

24 April 1881

Chingleput District

at Chingleput

and will be found
adequate for the
work now to be done

To The Chief Engineer R.E.

W. 1876 Deph.
No. 3291

From

The Chief Engr.
for Irrigation

Dated 24th April
Recd. 6th May 1876.
Encl. 2 No. 26 M.

Memo. on letter from
The Supr. Engr. Chingleput
applying for an increase
of office Establishment.

No. 1109 Public Works Department.

PROCEEDINGS of the MADRAS GOVERNMENT.

Under date the 4th May 1876-

Read the following:-

From
The Supr. Engineer } (H.E. No. 4964 d/20th March/76)
Chingleput
De. De. (d/7th April)
Memo from Chief Engr. for } (d/24th)
Irrigation

The existing and
proposed Establishments
are as follows, viz:

District Engineer's Office

<u>Existing Establishment</u>		<u>Proposed Establishment</u>	
1 Head Clerk	Rs. 80	1 Head Clerk	Rs. 100
1 Accountant	" 45	1 Accountant	" 50
1 Writer	" 35	1 Writer	" 40
1 — D ^r	" 30	1 Copyist	" 30
1 Copyist	" 25	1 — D ^r	" 25
1 Gomastah	" 15	1 Gomastah	" 18
1 — D ^r	" 12	1 — D ^r	" 15
1 Merochee	" 10	1 Merochee	" 10
7 Peons	" 50	7 Peons	" 50
1 Draftsman & Estimator	" 50	1 Draftsman	" 50
		1 — D ^r	" 40
		1 — D ^r	" 35
76	Rs. 352	18	Rs. 463

Recd from 6-5-76
C. H. P. 24 April

Mount Range Office

Existing Establishment

1 Head Accountant Rs 70
 1 Deputy — D^e — " 35
 1 Assistant — D^e — " 25
 1 — D^e — " — 20
 1 Writer — " — 30
 4 Lascars — " — 28
 1 Draftsman and
 Estimator } — " 40

10 Rs. 248

Proposed Establishment

1 Head Clerk — Rs 70
 1 Accountant — " 40
 1 — D^e — " 30
 1 Writer — " 25
 1 — D^e — " 20
 4 Lascars — " 28
 1 Draftsman — " 40
 1 — D^e — " 30
 1 — D^e — " 25

12 Rs. 308

It will be sufficient to sanction a numerical increase of 2 Draftsmen to each Office at an additional cost of Rs 75 and Rs 55; being what is chiefly required. The necessity of increasing the pay of some of the Accountants and Clerks, at such a favourite Station as the Mount, is not apparent.

C.M.N.

D. E. Chingipady
 Ex. P. W. D.
 Secy to Govt.

Recd. p. C. M. N. 24 Apr

329/5

Govt. of Madras.

PUBLIC WORKS.

The H.E. Chingleput

1000
8 May

Field

Inst.

Recd.

Encl.

G.O. 14th May 1876 No. 1109

No. 5-185-5

Office Estates Inamt 3
to 102 Encl. Chingleput
Mount Range Office

Sanctioning certain
measures to the

14-5-76

15-5-76

Recd from 14-6-5-76